



ALFA ROMEO 147															year: 2005 →								programm №: 128										from: 2013-07-03																							
connector 15 pin															connector 8 pin								connector 10 pin																																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																								
Switches:																																																								

ALFA ROMEO 159															year: 2005 →								programm №: 128										from: 2013-07-03																								
connector 15 pin															connector 8 pin								connector 10 pin																																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																									
Switches:																																																									

ALFA ROMEO BRERA															year: 2008 →								programm №: 128										from: 2013-07-03																									
connector 15 pin															connector 8 pin								connector 10 pin																																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																										
Switches:																																																										

ALFA ROMEO GIULIETTA															year: 2013 →								programm №: 127										from: 2015-02-20																									
connector 15 pin															connector 8 pin								connector 10 pin																																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																										
Switches:																																																										

ALFA ROMEO GIULIETTA															year: 2010 →								programm №: 127										from: 2015-02-20																									
connector 15 pin															connector 8 pin								connector 10 pin																																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																										
Switches:																																																										

ALFA ROMEO GT															year: 2005 →								programm №: 128										from: 2013-07-03																									
connector 15 pin															connector 8 pin								connector 10 pin																																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																										
Switches:																																																										

**ALFA ROMEO MITO** year: **2014** → **programm No: 127** from: **2015-02-20**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**ALFA ROMEO MITO** year: **2009** → **programm No: 127** from: **2015-02-20**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**ASTON MARTIN VANTAGE V8** year: **2009** → with and without Keyless System **programm No: 397** from: **2013-05-20**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**AUDI A1 (8X)** year: **2010** → with and without Keyless System **programm No: 173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**AUDI A3 (8V)** year: **2013** → **programm No: 448** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: Module closes windows in two stages (first front, then rear).

Switches:

**AUDI A3 / S3 (8P)** year: **2010** → with and without Keyless System **programm No: 173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: Function "Trunk release" works only with central locking opened.

Switches:

AUDI A3 / S3 (8P)															year: 2003 →								programm №: 136										from: 2013-03-13						
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3				
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				

Comments: Switches:

AUDI A4 (FL)															year: 2012 →								with and without Keyless System										programm №: 158										from: 2015-11-06		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap. Switches:

AUDI A4 / S4 (8K)															year: 2008 →								with and without Keyless System										programm №: 158										from: 2015-11-06		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work. Switches:

AUDI A4 / S4 (8E)															year: 2005 →								programm №: 132										from: 2013-03-13					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Switches:

AUDI A4 / S4 (8E)															year: 2001 →								programm №: 132										from: 2013-03-13					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Switches:

AUDI A5 (AF)															year: 2013 →								with and without Keyless System										programm №: 158										from: 2015-11-06		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap. Switches:

**AUDI A5 / S5 (8T)** year: **2007** → with and without Keyless System program No: **158** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**AUDI A6 (4G)** year: **2014** → with and without Keyless System program No: **273** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**AUDI A6 (4G)** year: **2011** → with and without Keyless System program No: **273** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**AUDI A6 (4B)** year: **1998** → program No: **262** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**AUDI A6 / S6 / RS6 (4F)** year: **2005** → with and without Keyless System program No: **131** from: **2013-04-12**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**AUDI A7 (FC)** year: **2012** → with and without Keyless System program No: **273** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**AUDI A7 (4G)** year: **2010** → with and without Keyless System program No: **273** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**AUDI A8 (4H)** year: **2010** → with and without Keyless System program No: **273** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**AUDI A8 / S8 (4E)** year: **2003** → with and without Keyless System program No: **171** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**AUDI ALLROAD (4F)** year: **2006** → with and without Keyless System program No: **131** from: **2013-04-12**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**AUDI Q3 (8U)** year: **2014** → with and without Keyless System program No: **173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**AUDI Q5 (8R)** year: **2008** → with and without Keyless System program No: **158** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work.

Switches:

AUDI Q5 / SQ5 (FP)															year: 2013 →	with and without Keyless System								programm No: 158	from: 2015-11-06																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap.

Switches:

AUDI Q7 (4M)															year: 2015 →	with and without Keyless System								programm No: 646	from: 2015-10-29																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

AUDI Q7 (4L)															year: 2005 →	with and without Keyless System								programm No: 131	from: 2013-04-12																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

AUDI R8 (42)															year: 2008 →	with and without Keyless System								programm No: 111	from: 2013-03-13																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

AUDI TT (FV)															year: 2015 →	with and without Keyless System								programm No: 448	from: 2015-11-06																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

AUDI TT (8J)															year: 2010 →	with and without Keyless System								programm No: 173	from: 2015-02-18																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**AUDI TT / TTS (8J)** year: **2006** → with and without Keyless System program No: **111** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**BENTLEY CONTINENTAL GT (3W)** year: **2005** → with and without Keyless System program No: **211** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

**BMW 1 (F20)** year: **2011** → with and without Keyless System program No: **275** from: **2015-01-14**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

**BMW 1 (E81 / E82 / E87 / E88)** year: **2004** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 1 (E81 / E82 / E87 / E88) (Keyless)** year: **2004** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 2 (F45)** year: **2014** → with and without Keyless System program No: **457** from: **2015-12-23**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:



**BMW 3 (F30)** year: **2012** → with and without Keyless System program No: **457** from: **2015-12-23**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**BMW 3 (E90 / E91 / E92 / E93)** year: **2005** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 3 (E90 / E91 / E92 / E93) (Keyless)** year: **2005** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 3GT (F34)** year: **2013** → with and without Keyless System program No: **458** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**BMW 4 (F32)** year: **2013** → with and without Keyless System program No: **457** from: **2015-12-23**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**BMW 5 (F10 / F11)** year: **2010** → with and without Keyless System program No: **275** from: **2015-01-14**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**BMW 5 (F18)** year: **2010** → with and without Keyless System program No: **275** from: **2015-01-14**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments:

Switches:

**BMW 5 (E60 / E61)** year: **2003** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 5 (E60 / E61) (Keyless)** year: **2003** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 6 (E63 / E64)** year: **2005** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 6 (E63 / E64) (Keyless)** year: **2005** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 7 (F01/F02)** year: **2008** → with and without Keyless System program No: **275** from: **2015-01-14**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments:

Switches:

**BMW 7 (E65 / E66)** year: **2005** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW 7 (E65 / E66) (Keyless)** year: **2005** → with Keyless System program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW GT (F07)** year: **2009** → with and without Keyless System program No: **275** from: **2015-01-14**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW X1 (F48)** year: **2015** → with and without Keyless System program No: **457** from: **2015-12-23**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**BMW X1 (E84)** year: **2009** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW X1 (E84) (Keyless)** year: **2009** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW X3 (F25)** year: **2010** → with and without Keyless System **programm №: 351** from: **2015-01-23**

connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10							
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**BMW X4 (F26)** year: **2014** → with and without Keyless System **programm №: 351** from: **2015-01-23**

connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**BMW X5 (F15)** year: **2013** → with and without Keyless System **programm №: 457** from: **2015-12-23**

Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**BMW X5 (E70)** year: **2007** → without Keyless System **programm №: 118** from: **2015-11-17**

Function "All doors unlock" and "All doors lock" works like driver's door lock.

connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**BMW X5 (E70) (Keyless)** year: **2007** → with Keyless System only **programm №: 137** from: **2015-11-17**

Function "All doors unlock" and "All doors lock" works like driver's door lock.

connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**BMW X5 (E53)** year: **1999** → **programm №: 293** from: **2016-01-18**

connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**BMW X6 (F16)** year: **2015** → with and without Keyless System program No: **457** from: **2015-12-23**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**BMW X6 (E71)** year: **2008** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW X6 (E71) (Keyless)** year: **2008** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW Z4 (E89)** year: **2009** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BMW Z4 (E89) (Keyless)** year: **2009** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**BRILLIANCE H230** year: **2012** → program No: **543** from: **preliminary**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**BRILLIANCE H530** year: **2011** → **programm No: 515** from: **2015-02-14**

connector 15 pin															connector 8 pin								connector 10 pin																																							
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**BRILLIANCE V5** year: **2013** → with Keyless System **programm No: 515** from: **2015-02-14**

connector 15 pin															connector 8 pin								connector 10 pin																																							
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**BUICK ENCORE** year: **2012** → with and without Keyless System **programm No: 243** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																																							
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CADILLAC ATS** year: **2013** → with and without Keyless System **programm No: 425** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																																							
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CADILLAC BLS** year: **2006** → **programm No: 126** from: **2015-12-18**

connector 15 pin															connector 8 pin								connector 10 pin																																							
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**CADILLAC CTS** year: **2008** → **programm No: 227** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																																							
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Turn signal control" control lights and siren. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

CADILLAC CTS COUPE															year: 2010 →	with and without Keyless System								programm №: 227	from: 2015-02-12																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Turn signal control" control lights and siren. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

CADILLAC ESCALADE															year: 2015 →	with and without Keyless System								programm №: 584	from: 2015-11-06																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Driver door unlock" and "All doors unlock" doesn't unlock trunk. Module closes windows in two stages (first front, then rear).

Switches:

CADILLAC ESCALADE															year: 2007 →	with and without Keyless System								programm №: 198	from: 2014-01-17																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" opens the window in trunk door; function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

CADILLAC SRX															year: 2010 →	with and without Keyless System								programm №: 183	from: 2015-11-06																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door.

Switches:

CADILLAC SRX															year: 2007 →	with and without Keyless System								programm №: 198	from: 2014-01-17																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door.

Switches:

CADILLAC STS															year: 2008 →	with and without Keyless System								programm №: 229	from: 2013-03-13																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door.

Switches:

**CHANGAN CS35** year: **2013** → without Keyless System program No: **512** from: **2015-02-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

**CHANGAN EADO** year: **2014** → without Keyless System program No: **512** from: **2015-02-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

**CHERY ARRIZO7 (Keyless)** year: **2015** → with Keyless System program No: **576** from: **2014-12-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors lock" works only when the ignition is off.

Switches:

**CHERY BONUS3** year: **2013** → without Keyless System program No: **577** from: **2014-12-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**CHERY INDIS** year: **2014** → without Keyless System program No: **591** from: **2015-02-14**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**CHERY M11 (Hatchback)** year: **2013** → without Keyless System program No: **592** from: **2015-02-14**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:



**CHERY M11 (Sedan)** year: **2013** → without Keyless System program No: **592** from: **2015-02-14**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**CHERY TIGGO FL** year: **2014** → without Keyless System program No: **593** from: **2015-02-14**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: CAN bus in diagnostic connector is available only in cars with automatic transmission.

Switches:

**CHERY TIGGO5 (Keyless)** year: **2014** → with Keyless System program No: **576** from: **2014-12-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors lock" works only when the ignition is off.

Switches:

**CHERY TIGGO5** year: **2014** → without Keyless System program No: **576** from: **2014-12-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**CHEVROLET AVEO** year: **2011** → with and without Keyless System program No: **243** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**CHEVROLET CAMARO V** year: **2014** → with and without Keyless System program No: **586** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

CHEVROLET CAPTIVA															year: 2014 →	with and without Keyless System								programm No: 149	from: 2013-12-04																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" opens the window in trunk door. Function "Turn signal control" control lights and siren.

Switches:

CHEVROLET CAPTIVA															year: 2011 →	with and without Keyless System								programm No: 149	from: 2013-12-04																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

CHEVROLET CAPTIVA															year: 2007 →	with and without Keyless System								programm No: 149	from: 2013-12-04																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

CHEVROLET COBALT															year: 2012 →	with and without Keyless System								programm No: 243	from: 2015-11-06																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

CHEVROLET CRUZE															year: 2009 →	with and without Keyless System								programm No: 243	from: 2015-11-06																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

CHEVROLET D-MAX															year: 2012 →	with and without Keyless System								programm No: 582	from: 2015-02-04																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

CHEVROLET MALIBU															year: 2013 →	with and without Keyless System								programm №: 243	from: 2015-11-06																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

CHEVROLET ORLANDO															year: 2010 →	with and without Keyless System								programm №: 243	from: 2015-11-06																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

CHEVROLET SPARK															year: 2013 →	with and without Keyless System								programm №: 585	from: 2015-02-12																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

CHEVROLET TAHOE															year: 2008 →	with and without Keyless System								programm №: 198	from: 2014-01-17																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments: Function "Trunk release" opens the window in trunk door; function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.																																																							
Switches:																																																							

CHEVROLET TRAILBLAZER															year: 2012 →	with and without Keyless System								programm №: 243	from: 2015-11-06																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

CHEVROLET TRAX															year: 2013 →	with and without Keyless System								programm №: 243	from: 2015-11-06																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

CHRYSLER 300 II															year: 2011 → with Keyless System								programm No: 332										from: 2014-11-05							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	+	+	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

CHRYSLER 300C															year: 2005 → with and without Keyless System								programm No: 116										from: 2014-01-17							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	+	+	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

CHRYSLER GRAND VOYAGER															year: 2011 → with and without Keyless System								programm No: 245										from: 2014-01-17							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	+	+	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

CHRYSLER GRAND VOYAGER															year: 2008 →								programm No: 135										from: 2013-03-13							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	+	+	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

CHRYSLER GRAND VOYAGER															year: 2008 →								programm No: 245										from: 2014-01-17							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	+	+	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

CHRYSLER PT CRUISER															year: 2006 → with and without Keyless System								programm No: 116										from: 2014-01-17							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	+	+	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**CHRYSLER SEBRING** year: **2007** → with and without Keyless System **programm №: 116** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**CHRYSLER TOWN&COUNTRY** year: **2011** → with and without Keyless System **programm №: 245** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

**CITROEN BERLINGO** year: **2008** → (with factory alarm) **programm №: 143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passing door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**CITROEN BERLINGO** year: **2008** → (without factory alarm) **programm №: 193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**CITROEN BERLINGO (First VP / VU)** year: **2003** → **programm №: 292** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN BERLINGO** year: **2003** → **programm №: 292** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN BERLINGO MULTISPACE** year: 2012 → ( with factory alarm ) program №: 143 from: 2015-09-18

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense" and function "Turn signal control" will not work.

Switches:

**CITROEN BERLINGO MULTISPACE** year: 2012 → ( without factory alarm ) program №: 193 from: 2015-09-18

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense" and function "Turn signal control" will not work.

Switches:

**CITROEN C-CROSSER** year: 2007 → with and without Keyless System program №: 142 from: 2015-08-12

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C-ELYSEE** year: 2013 → program №: 298 from: 2014-04-08

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C2** year: 2006 → ( with factory alarm ) program №: 143 from: 2015-09-18

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**CITROEN C2** year: 2006 → ( without factory alarm ) program №: 193 from: 2015-09-18

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

CITROEN C3

year: 2010 → (with factory alarm)

programm №: 143

from: 2015-09-18

Table with 15 columns for connector 15 pin and 15 rows for sensors: Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns for connector 8 pin and 8 rows: PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns for connector 10 pin and 10 rows: Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 rows for alarm control: Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control.

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches: [C] [R]

CITROEN C3

year: 2010 → (without factory alarm)

programm №: 193

from: 2015-09-18

Table with 15 columns for connector 15 pin and 15 rows for sensors: Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns for connector 8 pin and 8 rows: PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns for connector 10 pin and 10 rows: Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 rows for alarm control: Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control.

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches: [C] [R]

CITROEN C3

year: 2006 → (with factory alarm)

programm №: 143

from: 2015-09-18

Table with 15 columns for connector 15 pin and 15 rows for sensors: Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns for connector 8 pin and 8 rows: PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns for connector 10 pin and 10 rows: Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 rows for alarm control: Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control.

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches: [C] [R]

CITROEN C3

year: 2006 → (without factory alarm)

programm №: 193

from: 2015-09-18

Table with 15 columns for connector 15 pin and 15 rows for sensors: Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns for connector 8 pin and 8 rows: PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns for connector 10 pin and 10 rows: Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 rows for alarm control: Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control.

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches: [C] [R]

CITROEN C3 PICASSO

year: 2009 → (with factory alarm)

programm №: 143

from: 2015-09-18

Table with 15 columns for connector 15 pin and 15 rows for sensors: Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns for connector 8 pin and 8 rows: PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns for connector 10 pin and 10 rows: Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 rows for alarm control: Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control.

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches: [C] [R]

CITROEN C3 PICASSO

year: 2009 → (without factory alarm)

programm №: 192

from: 2013-03-13

Table with 15 columns for connector 15 pin and 15 rows for sensors: Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns for connector 8 pin and 8 rows: PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns for connector 10 pin and 10 rows: Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 rows for alarm control: Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control.

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches: [C] [R]

**CITROEN C3 PICASSO** year: **2009** → (without factory alarm) programm №: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**CITROEN C4 (SEDUCTION)** year: **2013** → programm №: **298** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C4** year: **2013** → programm №: **298** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C4 (EXCLUSIVE)** year: **2013** → programm №: **298** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C4** year: **2011** → programm №: **298** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense" and function "Turn signal control" will not work.

Switches:

**CITROEN C4** year: **2007** → (with factory alarm) programm №: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:



**CITROEN C4** year: **2007** → (without factory alarm) program No: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**CITROEN C4 AIRCROSS** year: **2013** → with and without Keyless System program No: **451** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C4 GRAND PICASSO (INTENSIVE)** year: **2013** → with Keyless System only program No: **495** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C4 GRAND PICASSO (EXCLUSIVE)** year: **2013** → with Keyless System only program No: **495** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C4 PICASSO (EXCLUSIVE)** year: **2013** → with Keyless System only program No: **495** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**CITROEN C4 PICASSO (INTENSIVE)** year: **2013** → with Keyless System only program No: **495** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

CITROEN C4 PICASSO															year: 2007 →	( with factory alarm )	programm №: 143	from: 2015-09-18															
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Comments:															If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.																		
Switches:																																	

CITROEN C4 PICASSO															year: 2007 →	( without factory alarm )	programm №: 193	from: 2015-09-18															
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Comments:															If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.																		
Switches:																																	

CITROEN C5															year: 2008 →	( with factory alarm )	programm №: 143	from: 2015-09-18															
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Comments:															If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.																		
Switches:																																	

CITROEN C5															year: 2008 →	( without factory alarm )	programm №: 192	from: 2013-03-13															
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Comments:															2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.																		
Switches:																																	

CITROEN C5															year: 2008 →	( without factory alarm )	programm №: 193	from: 2015-09-18															
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Comments:															If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.																		
Switches:																																	

CITROEN C5															year: 2004 →	( with factory alarm )	programm №: 143	from: 2015-09-18															
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Comments:															If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.																		
Switches:																																	



<b>CITROEN DS3</b>															year: 2010 → (without factory alarm)								programm №: 193										from: 2015-09-18				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Comments:															If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.																						
Switches:																																					

<b>CITROEN DS4</b>															year: 2011 →								programm №: 298										from: 2014-04-08				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Comments:																																					
Switches:																																					

<b>CITROEN JUMPER (EURO5 PLUS)</b>															year: 2014 →								programm №: 127										from: 2015-02-20				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Comments:																																					
Switches:																																					

<b>CITROEN JUMPER</b>															year: 2011 →								programm №: 127										from: 2015-02-20				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Comments:																																					
Switches:																																					

<b>CITROEN JUMPER (RussianMarket)</b>															year: 2011 →								programm №: 129										from: 2014-05-26				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Comments:															Function "Driver door unlock" opens the front door, function "Trunk release" opens the back door of luggage space																						
Switches:																																					

<b>CITROEN JUMPER</b>															year: 2006 →								programm №: 129										from: 2014-05-26				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Comments:															Function "Driver door unlock" opens the front door, function "Trunk release" opens the back door of luggage space																						
Switches:																																					

**CITROEN JUMPY3** year: 2007 → (with factory alarm) program №: 143 from: 2015-09-18

connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches: ☹ ☹

**CITROEN JUMPY3** year: 2007 → (without factory alarm) program №: 193 from: 2015-09-18

connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches: ☹ ☹

**CITROEN NEMO** year: 2008 → program №: 127 from: 2015-02-20

connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches: ☹ ☹ ☹

**CITROEN XSARA PICASSO** year: 2004 → program №: 292 from: 2013-03-13

connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
-	-	-	-	-	-	-	-	+	+	+	+	+	+	-	+	+	+	+	-	-	+	+	+	-	-	-	-	-	-	-	-	-	

Comments:

Switches: ☹ ☹ ☹

**DACIA DOKKER** year: 2012 → program №: 574 from: 2015-12-17

connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	-	-	-	-	+	

Comments:

Switches: ☹ ☹ ☹

**DACIA DUSTER** year: 2014 → program №: 574 from: 2015-12-17

connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	-	-	-	-	+	

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches: ☹ ☹ ☹

**DACIA DUSTER** year: **2010** → (only with engine controller Valeo V42) program No: **283** from: **2014-09-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**DACIA LODGY** year: **2012** → program No: **574** from: **2015-12-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**DACIA LOGAN II** year: **2013** → program No: **574** from: **2015-12-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**DACIA LOGAN / VAN** year: **2008** → (only with engine controller Delphi DCM 3.4) program No: **283** from: **2014-09-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**DACIA LOGAN MCV II** year: **2013** → program No: **574** from: **2015-12-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**DACIA SANDERO** year: **2012** → program No: **574** from: **2015-12-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**DACIA SANDERO STEPWAY** year: 2012 → program No: 574 from: 2015-12-17

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**DODGE AVANGER** year: 2007 → with and without Keyless System program No: 116 from: 2014-01-17

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	-	-	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**DODGE CALIBER** year: 2006 → with and without Keyless System program No: 116 from: 2014-01-17

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	-	-	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**DODGE DURANGO** year: 2004 → with and without Keyless System program No: 116 from: 2014-01-17

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	-	-	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**DODGE JOURNEY** year: 2008 → program No: 135 from: 2013-03-13

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	-	-	+	+	+	+

Comments:

Switches:

**DODGE JOURNEY** year: 2008 → program No: 245 from: 2014-01-17

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	-	-	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

DODGE MAGNUM															year: 2005 →	with and without Keyless System								programm No: 116	from: 2014-01-17																									
connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

DODGE NITRO															year: 2007 →	with and without Keyless System								programm No: 135	from: 2013-03-13																										
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

DODGE NITRO															year: 2007 →	with and without Keyless System								programm No: 245	from: 2014-01-17																										
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

DODGE RAM 1500															year: 2013 →	with and without Keyless System								programm No: 332	from: 2014-11-05																										
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

DODGE RAM															year: 2009 →	with and without Keyless System								programm No: 245	from: 2014-01-17																										
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

DODGE RAM															year: 2006 →	with and without Keyless System								programm No: 116	from: 2014-01-17																										
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:



**FAW BESTURN B50** year: 2012 → **programm No: 578** from: 2014-12-10

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:   
 Switches:

**FIAT 500** year: 2007 → **programm No: 127** from: 2015-02-20

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:   
 Switches:

**FIAT 500L** year: 2013 → **programm No: 127** from: 2015-02-20

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:   
 Switches:

**FIAT 500X (Keyless)** year: 2015 → with Keyless System only **programm No: 554** from: 2014-11-14

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:   
 Switches:

**FIAT 500X** year: 2015 → without Keyless System **programm No: 599** from: 2015-03-10

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:   
 Switches:

**FIAT BRAVO** year: 2007 → **programm No: 129** from: 2014-05-26

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:   
 Switches:

FIAT CROMA															year: 2005 →								programm №: 128										from: 2013-07-03												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+									
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:															For correct operation of "Driver door unlock" function, 2-stage opening of the central locking must be set in the MENU of car settings. Func. "Comfort closure" works only when the central lock is closed. Func. "Window roll-down" works only when the central lock is opened.																														
Switches:																																													

FIAT DOBLO															year: 2015 →								without Keyless System										programm №: 127										from: 2015-02-20		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	+	+											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																													
Switches:																																													

FIAT DOBLO															year: 2010 →								programm №: 127										from: 2015-02-20												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	+	+											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																													
Switches:																																													

FIAT DOBLO															year: 2006 →								programm №: 112										from: 2013-07-03												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	+	+											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																													
Switches:																																													

FIAT DOBLO															year: 2001 →								programm №: 263										from: 2013-03-13												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	+	+											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																													
Switches:																																													

FIAT DUCATO (EURO5 PLUS)															year: 2014 →								programm №: 127										from: 2015-02-20												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	+	+											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																													
Switches:																																													

FIAT DUCATO															year: 2011 →	connector 8 pin								programm No: 127	from: 2015-02-20							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	+	+	+	+	+

Comments:

Switches:

FIAT DUCATO (RussianMarket)															year: 2011 →	connector 8 pin								programm No: 129	from: 2014-05-26							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	+	+	+	+	+

Comments: Function "Driver door unlock" opens the front door, function "Trunk release" opens the back door of luggage space.

Switches:

FIAT DUCATO															year: 2006 →	connector 8 pin								programm No: 129	from: 2014-05-26							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	+	+	+	+	+

Comments: Function "Driver door unlock" opens the front door, function "Trunk release" opens the back door of luggage space.

Switches:

FIAT FIORINO															year: 2008 →	connector 8 pin								programm No: 127	from: 2015-02-20							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	+	+	+	+	+

Comments:

Switches:

FIAT FREEMONT															year: 2011 →	connector 8 pin								programm No: 332	from: 2014-11-05							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

FIAT GRANDE PUNTO															year: 2009 →	connector 8 pin								programm No: 127	from: 2015-02-20							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	+	+	+	+	+

Comments:

Switches:

FIAT GRANDE PUNTO															year: 2006 →								programm No: 127										from: 2015-02-20							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	+	+	+	+					

FIAT LINEA															year: 2007 →								programm No: 146										from: 2014-05-28							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	+	+	+	+					

FIAT PANDA II															year: 2004 →								programm No: 112										from: 2013-07-03							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	+	+	+	+					

FIAT PANDA III															year: 2012 →								programm No: 127										from: 2015-02-20							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	+	+	+	+					

FIAT PUNTO															year: 2014 →								programm No: 127										from: 2015-02-20							
															without Keyless System								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	+	+	+	+					

FIAT PUNTO EVO															year: 2009 →								programm No: 127										from: 2015-02-20							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
+	+	+	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	+	+	+	+					



FIAT SEDICI															year: 2006 →	without Keyless System								programm №: 115	from: 2013-06-24																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

FIAT STILO															year: 2006 →	without Keyless System								programm №: 112	from: 2013-07-03																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

FIAT ULYSSE															year: 2007 →	(with factory alarm)								programm №: 143	from: 2015-09-18																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passing door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.																																																							
Switches:																																																							

FIAT ULYSSE															year: 2007 →	(without factory alarm)								programm №: 193	from: 2015-09-18																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.																																																							
Switches:																																																							

FORD C-MAX															year: 2010 →	with and without Keyless System								programm №: 276	from: 2016-01-04																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

FORD C-MAX															year: 2003 →	with and without Keyless System								programm №: 121	from: 2015-12-18																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

**FORD C-MAX (GHIA)** year: **2003** → with and without Keyless System **programm No: 121** from: **2015-12-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**FORD ECO SPORT (TREND)** year: **2014** → without Keyless System **programm No: 575** from: **2014-12-05**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: It must be cut off control from lock insert, otherwise alarm will be disarmed.

Switches:

**FORD ECO SPORT (TITANIUM)** year: **2014** → with Keyless System only **programm No: 583** from: **2015-02-10**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**FORD EDGE** year: **2013** → with and without Keyless System **programm No: 424** from: **2014-12-05**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**FORD EXPLORER** year: **2011** → with and without Keyless System **programm No: 424** from: **2014-12-05**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**FORD F250 SUPER DUTY** year: **2008** → **programm No: 456** from: **2013-11-26**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**FORD FIESTA** year: **2013** → with and without Keyless System program No: **175** from: **2014-12-05**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

**FORD FIESTA** year: **2009** → with and without Keyless System program No: **175** from: **2014-12-05**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

**FORD FIESTA** year: **2006** → with and without Keyless System program No: **172** from: **2015-12-11**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**FORD FOCUS (TITANIUM)** year: **2011** → with and without Keyless System program No: **276** from: **2016-01-04**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**FORD FOCUS (TREND SPORT)** year: **2011** → without Keyless System program No: **276** from: **2016-01-04**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**FORD FOCUS (TREND)** year: **2011** → without Keyless System program No: **454** from: **2015-04-16**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:





FORD GALAXY															year: 2010 →								programm No: 133										from: 2015-11-17								
connector 15 pin															connector 8 pin								connector 10 pin																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	-	+		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

FORD GALAXY															year: 2006 →								programm No: 133										from: 2013-12-04									
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	-	+				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

FORD GRAND-C-MAX															year: 2010 →								programm No: 276										from: 2016-01-04										
connector 15 pin															connector 8 pin								connector 10 pin																				
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	-	+					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

FORD Ka															year: 2009 →								programm No: 194										from: 2013-11-22										
connector 15 pin															connector 8 pin								connector 10 pin																				
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	-	+					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

FORD KUGA															year: 2013 →								programm No: 276										from: 2016-01-04											
connector 15 pin															connector 8 pin								connector 10 pin																					
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	-	+						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3				
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

FORD KUGA															year: 2008 →								programm No: 121										from: 2015-12-18											
connector 15 pin															connector 8 pin								connector 10 pin																					
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	-	+						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3				
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

FORD MONDEO (MK V)															year: 2014 →	without Keyless System							programm No: 624	from: 2016-01-04												
connector 15 pin															connector 8 pin							connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

FORD MONDEO															year: 2011 →	with and without Keyless System							programm No: 133	from: 2015-11-17												
connector 15 pin															connector 8 pin							connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

FORD MONDEO															year: 2007 →	with and without Keyless System							programm No: 133	from: 2013-12-04												
connector 15 pin															connector 8 pin							connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

FORD MUSTANG SHELBY GT500															year: 2013 →	with and without Keyless System							programm No: 459	from: 2013-12-05												
connector 15 pin															connector 8 pin							connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

FORD MUSTANG															year: 2010 →	with and without Keyless System							programm No: 281	from: 2014-12-05												
connector 15 pin															connector 8 pin							connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

FORD MUSTANG GT															year: 2007 →	with and without Keyless System							programm No: 396	from: 2013-05-15												
connector 15 pin															connector 8 pin							connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

**FORD RANGER (T6)** year: **2012** → **programm No: 462** from: **2013-12-14**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**FORD S-MAX** year: **2010** → with and without Keyless System **programm No: 133** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**FORD S-MAX** year: **2007** → with and without Keyless System **programm No: 133** from: **2013-12-04**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**FORD TOURNEO** year: **2007** → **programm No: 247** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**FORD TOURNEO CONNECT** year: **2013** → without Keyless System **programm No: 454** from: **2015-04-16**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**FORD TOURNEO CONNECT** year: **2010** → **programm No: 172** from: **2015-12-11**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

FORD TOURNEO COURIER

year: 2014 →

programm No: 175

from: 2014-12-05

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control)

Comments:

Switches: [Icons]

FORD TOURNEO CUSTOM (Double Lock)

year: 2012 →

(with double lock)

programm No: 422

from: 2014-04-10

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control)

Comments: Double blocking of the car (press "CLOSE" twice on remote) will arm an alarm.It must be cut off control from lock insert, otherwise alarm will be disarmed.

Switches: [Icons]

FORD TOURNEO CUSTOM

year: 2012 →

(without double lock)

programm No: 422

from: 2014-04-10

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control)

Comments:

Switches: [Icons]

FORD TRANSIT

year: 2014 →

(without double lock)

programm No: 422

from: 2014-04-10

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control)

Comments:

Switches: [Icons]

FORD TRANSIT

year: 2006 →

programm No: 247

from: 2013-03-13

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control)

Comments:

Switches: [Icons]

FORD TRANSIT CONNECT

year: 2010 →

programm No: 172

from: 2015-12-11

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control)

Comments:

Switches: [Icons]

**FORD TRANSIT CONNECT** year: **2006** → program: **№ 172** from: **2015-12-11**

connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/	OUT -/	OUT +	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +
Driver door sensor Passengers door sensor Trunk sense Hood sense Factory alarm++ Armed state Lock factory remote Unlock factory remote Switches combination Handbrake / Parking Speed 10kmph Engine run Engine speed (RPM) Ignition Key in ignition															PWR +12V GND CAN1-H CAN1-L CAN2-H CAN2-L Alter. control blinkers Alt. contr. centr. lock.								Footbrake Drivers door opening sim. Stop engine Start engine Comfort closure Trunk release All doors unlock Driver door unlock All doors lock Turn signal control																
Comments:																							Contr. of factory alarm Contr.c.lock. when ign.is on Horn control																
Switches:																																							

**FORD TRANSIT CUSTOM** year: **2012** → (without double lock) program: **№ 422** from: **2014-04-10**

connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/	OUT -/	OUT +	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	
Driver door sensor Passengers door sensor Trunk sense Hood sense Factory alarm++ Armed state Lock factory remote Unlock factory remote Switches combination Handbrake / Parking Speed 10kmph Engine run Engine speed (RPM) Ignition Key in ignition															PWR +12V GND CAN1-H CAN1-L CAN2-H CAN2-L Alter. control blinkers Alt. contr. centr. lock.								Footbrake Drivers door opening sim. Stop engine Start engine Comfort closure Trunk release All doors unlock Driver door unlock All doors lock Turn signal control																
Comments:																							Contr. of factory alarm Contr.c.lock. when ign.is on Horn control																
Switches:																																							

**FORD TRANSIT CUSTOM (Double Lock)** year: **2012** → (with double lock) program: **№ 422** from: **2014-04-10**

connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/	OUT -/	OUT +	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +		
Driver door sensor Passengers door sensor Trunk sense Hood sense Factory alarm++ Armed state Lock factory remote Unlock factory remote Switches combination Handbrake / Parking Speed 10kmph Engine run Engine speed (RPM) Ignition Key in ignition															PWR +12V GND CAN1-H CAN1-L CAN2-H CAN2-L Alter. control blinkers Alt. contr. centr. lock.								Footbrake Drivers door opening sim. Stop engine Start engine Comfort closure Trunk release All doors unlock Driver door unlock All doors lock Turn signal control																
Comments: Double blocking of the car (press "CLOSE" twice on remote) will arm an alarm. It must be cut off control from lock insert, otherwise alarm will be disarmed.																							Contr. of factory alarm Contr.c.lock. when ign.is on Horn control																
Switches:																																							

**GAZel 33106 (Valday)** year: **2012** → program: **№ 383** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/	OUT -/	OUT +	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +		
Driver door sensor Passengers door sensor Trunk sense Hood sense Factory alarm++ Armed state Lock factory remote Unlock factory remote Switches combination Handbrake / Parking Speed 10kmph Engine run Engine speed (RPM) Ignition Key in ignition															PWR +12V GND CAN1-H CAN1-L CAN2-H CAN2-L Alter. control blinkers Alt. contr. centr. lock.								Footbrake Drivers door opening sim. Stop engine Start engine Comfort closure Trunk release All doors unlock Driver door unlock All doors lock Turn signal control																
Comments:																							Contr. of factory alarm Contr.c.lock. when ign.is on Horn control																
Switches:																																							

**GAZon NEXT** year: **2015** → program: **№ 383** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/	OUT -/	OUT +	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +		
Driver door sensor Passengers door sensor Trunk sense Hood sense Factory alarm++ Armed state Lock factory remote Unlock factory remote Switches combination Handbrake / Parking Speed 10kmph Engine run Engine speed (RPM) Ignition Key in ignition															PWR +12V GND CAN1-H CAN1-L CAN2-H CAN2-L Alter. control blinkers Alt. contr. centr. lock.								Footbrake Drivers door opening sim. Stop engine Start engine Comfort closure Trunk release All doors unlock Driver door unlock All doors lock Turn signal control																
Comments:																							Contr. of factory alarm Contr.c.lock. when ign.is on Horn control																
Switches:																																							

**GEELY EMGRAND EC7** year: **2013** → without Keyless System program: **№ 544** from: **2015-02-14**

connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/	OUT -/	OUT +	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +	+ +		
Driver door sensor Passengers door sensor Trunk sense Hood sense Factory alarm++ Armed state Lock factory remote Unlock factory remote Switches combination Handbrake / Parking Speed 10kmph Engine run Engine speed (RPM) Ignition Key in ignition															PWR +12V GND CAN1-H CAN1-L CAN2-H CAN2-L Alter. control blinkers Alt. contr. centr. lock.								Footbrake Drivers door opening sim. Stop engine Start engine Comfort closure Trunk release All doors unlock Driver door unlock All doors lock Turn signal control																
Comments: Disarming the alarm from factory remote is possible only if all doors are closed.																							Contr. of factory alarm Contr.c.lock. when ign.is on Horn control																
Switches:																																							



HONDA ACCORD															year: 2008 →								programm No: 169										from: 2014-01-17						
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+		

HONDA ACCORD															year: 2003 →								programm No: 167										from: 2014-01-17					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	

Comments: In European version may not work function "Turn signal control"; in version with factory security system function "Turn signal control" will control lights and siren.

HONDA ACCORD COUPE															year: 2008 →								programm No: 169										from: 2014-01-17					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	

HONDA CITY															year: 2009 →								programm No: 113										from: 2014-01-17					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	

Comments: In version with factory security system function "Turn signal control" will control lights and siren.

HONDA CIVIC															year: 2012 →								programm No: 169										from: 2014-01-17					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	

HONDA CIVIC (Keyless)															year: 2012 →								programm No: 345										from: 2014-01-17					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	





HONDA JAZZ															year: 2009 →								programm No: 113										from: 2014-01-17																			
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: In version with factory security system function "Turn signal control" will control lights and siren.

Switches:

HONDA LEGEND															year: 2005 →								programm No: 212										from: 2014-01-17																				
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: In European version may not work function "Turn signal control", in version with factory security system function "Turn signal control" will control lights and siren.

Switches:

HONDA ODYSSEY															year: 2011 →								programm No: 189										from: 2014-07-29																				
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

HONDA ODYSSEY															year: 2006 →								programm No: 167										from: 2014-01-17																				
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

HONDA PILOT															year: 2012 →								programm No: 189										from: 2013-09-19																				
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: In version with factory security system it will control "Turn signal control" function.

Switches:

HONDA PILOT															year: 2009 →								programm No: 189										from: 2013-09-19																				
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: In European version function may not work "Turn signal control".

Switches:

HUMMER H2

year: 2008 →

programm No: 198

from: 2013-03-13

Table with 15 columns (OUT) and 15 rows for HUMMER H2 connector 15 pin. Includes Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for HUMMER H2 connector 8 pin. Includes PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for HUMMER H2 connector 10 pin. Includes Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Comments: Function "Turn signal control" control lights and siren. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches: [Icons]

HYUNDAI ELANTRA

year: 2015 →

without Keyless System

programm No: 419

from: 2015-07-13

Table with 15 columns (OUT) and 15 rows for HYUNDAI ELANTRA connector 15 pin. Includes Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for HYUNDAI ELANTRA connector 8 pin. Includes PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for HYUNDAI ELANTRA connector 10 pin. Includes Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Comments:

Switches: [Icons]

HYUNDAI ELANTRA

year: 2013 →

without Keyless System

programm No: 419

from: 2015-07-13

Table with 15 columns (OUT) and 15 rows for HYUNDAI ELANTRA connector 15 pin. Includes Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for HYUNDAI ELANTRA connector 8 pin. Includes PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for HYUNDAI ELANTRA connector 10 pin. Includes Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Comments:

Switches: [Icons]

HYUNDAI ELANTRA (Keyless)

year: 2013 →

with Keyless System only

programm No: 419

from: 2015-07-13

Table with 15 columns (OUT) and 15 rows for HYUNDAI ELANTRA (Keyless) connector 15 pin. Includes Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for HYUNDAI ELANTRA (Keyless) connector 8 pin. Includes PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for HYUNDAI ELANTRA (Keyless) connector 10 pin. Includes Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Comments:

Switches: [Icons]

HYUNDAI ELANTRA

year: 2011 →

without Keyless System

programm No: 244

from: 2015-07-13

Table with 15 columns (OUT) and 15 rows for HYUNDAI ELANTRA connector 15 pin. Includes Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for HYUNDAI ELANTRA connector 8 pin. Includes PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for HYUNDAI ELANTRA connector 10 pin. Includes Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Comments:

Switches: [Icons]

HYUNDAI EQUUS (Keyless)

year: 2014 →

with Keyless System

programm No: 569

from: 2015-03-24

Table with 15 columns (OUT) and 15 rows for HYUNDAI EQUUS (Keyless) connector 15 pin. Includes Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for HYUNDAI EQUUS (Keyless) connector 8 pin. Includes PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for HYUNDAI EQUUS (Keyless) connector 10 pin. Includes Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Comments: Function "Trunk release" works only when the ignition is off.

Switches: [Icons]

HYUNDAI EQUUS															year: 2010 →	with and without Keyless System								programm №: 235	from: 2013-03-13																									
connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																		
Switches:																																																		

HYUNDAI GENESIS (Keyless)															year: 2015 →	with Keyless System								programm №: 571	from: 2015-10-16																									
connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																		
Switches:																																																		

HYUNDAI GENESIS (Keyless)															year: 2014 →	with Keyless System								programm №: 571	from: 2015-10-16																									
connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																		
Switches:																																																		

HYUNDAI GENESIS															year: 2009 →	with and without Keyless System								programm №: 235	from: 2013-03-13																									
connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																		
Switches:																																																		

HYUNDAI GRAND STAREX HVX															year: 2011 →	with and without Keyless System								programm №: 236	from: 2015-07-13																									
connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																		
Switches:																																																		

HYUNDAI GRANDEUR (Keyless)															year: 2014 →	with Keyless System								programm №: 427	from: 2015-07-13																									
connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments: "All doors lock" function closes mirrors.																																																		
Switches:																																																		



HYUNDAI i30															year: 2015 → without Keyless System								programm No: 299										from: 2015-07-13						
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+				

HYUNDAI i30															year: 2012 → without Keyless System								programm No: 299										from: 2015-07-13				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+		

HYUNDAI i40 (Keyless)															year: 2015 → with Keyless System only								programm No: 417										from: 2015-03-24				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+		

HYUNDAI i40 (Keyless)															year: 2011 → with Keyless System only								programm No: 417										from: 2015-03-24				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+		

HYUNDAI i40															year: 2011 → without Keyless System								programm No: 437										from: 2015-03-24				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+		

HYUNDAI i45 SONATA (Keyless)															year: 2011 → with Keyless System only								programm No: 244										from: 2015-07-13				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+		

<b>HYUNDAI i45 SONATA</b>															year: <b>2011</b> →	without Keyless System								programm №: <b>244</b>	from: <b>2015-07-13</b>																																
connector 15 pin															connector 8 pin								connector 10 pin																																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI ix20</b>															year: <b>2010</b> →	without Keyless System								programm №: <b>244</b>	from: <b>2015-07-13</b>																																			
connector 15 pin															connector 8 pin								connector 10 pin																																					
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																									
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: NOTE TO USER: Disarming the alarm from factory remote is possible only if all doors are closed.

Switches:

<b>HYUNDAI ix35 (Keyless)</b>															year: <b>2013</b> →	with Keyless System only								programm №: <b>635</b>	from: <b>2015-06-26</b>																																					
connector 15 pin															connector 8 pin								connector 10 pin																																							
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI ix35</b>															year: <b>2013</b> →	without Keyless System								programm №: <b>635</b>	from: <b>2015-06-26</b>																																						
connector 15 pin															connector 8 pin								connector 10 pin																																								
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16									
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI ix35 (Keyless)</b>															year: <b>2010</b> →	with Keyless System only								programm №: <b>635</b>	from: <b>2015-06-26</b>																																							
connector 15 pin															connector 8 pin								connector 10 pin																																									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																													
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI ix35</b>															year: <b>2010</b> →	without Keyless System								programm №: <b>635</b>	from: <b>2015-06-26</b>																																							
connector 15 pin															connector 8 pin								connector 10 pin																																									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																													
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI ix55</b>															year: <b>2009</b> →								with and without Keyless System								programm No: <b>152</b>								from: <b>2013-10-07</b>																																						
connector 15 pin															connector 8 pin								connector 10 pin																																																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN																																								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																																											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI SANTA FE (Keyless)</b>															year: <b>2013</b> →								with Keyless System only								programm No: <b>386</b>								from: <b>2015-03-24</b>																													
connector 15 pin															connector 8 pin								connector 10 pin																																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN																															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI SANTA FE</b>															year: <b>2013</b> →								without Keyless System								programm No: <b>426</b>								from: <b>2015-03-24</b>																													
connector 15 pin															connector 8 pin								connector 10 pin																																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN																															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI SOLARIS</b>															year: <b>2015</b> →								without Keyless System								programm No: <b>236</b>								from: <b>2015-07-13</b>																													
connector 15 pin															connector 8 pin								connector 10 pin																																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN																															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI SOLARIS (Keyless)</b>															year: <b>2015</b> →								with Keyless System								programm No: <b>572</b>								from: <b>2015-07-13</b>																													
connector 15 pin															connector 8 pin								connector 10 pin																																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN																															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

<b>HYUNDAI SOLARIS (Keyless)</b>															year: <b>2011</b> →								with Keyless System only								programm No: <b>296</b>								from: <b>2015-07-13</b>																													
connector 15 pin															connector 8 pin								connector 10 pin																																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN																															
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:



**HYUNDAI TUCSON (Keyless)** year: **2015** → with Keyless System only program No: **669** from: **2015-11-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**HYUNDAI VELOSTER (Keyless)** year: **2011** → with Keyless System program No: **416** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**INFINITI EX35 / EX37 / EX50** year: **2010** → with and without Keyless System program No: **249** from: **2015-07-16**

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**INFINITI EX35 / EX37 / EX50** year: **2008** → with and without Keyless System program No: **216** from: **2015-07-16**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**INFINITI FX30D** year: **2012** → with and without Keyless System program No: **249** from: **2015-07-16**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**INFINITI FX35 / FX37 / FX50** year: **2010** → with and without Keyless System program No: **249** from: **2015-07-16**

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:



**INFINITI M37x (America)** year: **2010 →** with and without Keyless System **programm №: 297** from: **2015-07-01**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**INFINITI Q50** year: **2013 →** with and without Keyless System **programm №: 562** from: **2015-07-01**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**INFINITI Q70** year: **2014 →** with and without Keyless System **programm №: 297** from: **2015-07-01**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**INFINITI QX50** year: **2013 →** with and without Keyless System **programm №: 561** from: **2015-07-01**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

**INFINITI QX56 (America)** year: **2011 →** with and without Keyless System **programm №: 216** from: **2015-07-16**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Closing of the car with Keyless does not activate the statuses "Armed state" & "Factory system alarm". Opening of the car with Keyless activates the statuses "Armed state" & "Factory system alarm".

Switches:

**INFINITI QX56 (Europe)** year: **2011 →** with and without Keyless System **programm №: 279** from: **2015-07-16**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

INFINITI QX56															year: 2008 →								with and without Keyless System								programm No: 174								from: 2014-01-17																	
connector 15 pin															connector 8 pin								connector 10 pin																																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+						

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and 2-staged opened with factory remote control.

Switches:

INFINITI QX60 (Hybrid)															year: 2013 →								with and without Keyless System								programm No: 563								from: 2015-07-01															
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Keyless opening of passenger door does not activate statuses "Armed state" & "Factory system alarm".

Switches:

INFINITI QX60															year: 2013 →								with and without Keyless System								programm No: 563								from: 2015-07-01															
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

INFINITI QX70															year: 2013 →								with and without Keyless System								programm No: 561								from: 2015-07-01															
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

INFINITI QX80															year: 2014 →								with and without Keyless System								programm No: 279								from: 2015-07-16															
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

ISUZU D-MAX															year: 2012 →								programm No: 582								from: 2015-02-04																							
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

IVECO DAILY (EURO 6)															year: 2014 →								programm No: 346										from: 2015-09-29																					
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN													
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Comments: Switches:

IVECO DAILY (EURO 5)															year: 2011 →								programm No: 346										from: 2015-09-29																					
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Comments: Switches:

IVECO DAILY (EURO 4)															year: 2006 →								programm No: 269										from: 2014-03-26																					
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Comments: Switches:

IVECO EURO CARGO (EURO 5)															year: 2009 →								programm No: 155										from: 2013-03-13																					
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Comments: Switches:

IVECO EURO CARGO (EURO 4)															year: 2006 →								programm No: 155										from: 2013-03-13																					
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Comments: Switches:

IVECO KAPENA (EURO 6)															year: 2014 →								programm No: 552										from: 2015-09-29																					
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Comments: Switches:

IVECO STRALIS (EURO 5) CNG															year: 2013 →								programm No: 151										from: 2014-03-19						
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3				
+	+	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	+	+	+		

Comments:

Switches:

IVECO STRALIS (EURO 6)															year: 2013 →								programm No: 151										from: 2014-03-19					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	+	+	+	

Comments:

Switches:

IVECO STRALIS (EURO 5)															year: 2013 →								programm No: 151										from: 2014-03-19					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	+	+	+	

Comments:

Switches:

IVECO STRALIS (EURO 5)															year: 2012 →								programm No: 151										from: 2014-03-19					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	+	+	+	

Comments:

Switches:

IVECO STRALIS (EURO 4)															year: 2006 →								programm No: 151										from: 2014-03-19					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	+	+	+	

Comments:

Switches:

IVECO STRALIS (EURO 3)															year: 2002 →								programm No: 151										from: 2014-03-19					
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	-	-	-	-	-	+	+	+	

Comments:

Switches:

**IVECO TRAKKER** year: **2006** → **programm No: 155** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments:

Switches:

**JAGUAR F-TYPE** year: **2013** → with and without Keyless System **programm No: 233** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments:

Switches:

**JAGUAR XF** year: **2012** → with and without Keyless System **programm No: 566** from: **2015-02-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments:

Switches:

**JAGUAR XF** year: **2008** → with and without Keyless System **programm No: 241** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments:

Switches:

**JAGUAR XJ** year: **2014** → with and without Keyless System **programm No: 233** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments:

Switches:

**JAGUAR XJ** year: **2011** → with and without Keyless System **programm No: 233** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments:

Switches:

JAGUAR XJ															year: 2003 →	connector 8 pin								programm No: 311	from: 2013-03-13																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+	+	+	+	+	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Switches:

JAGUAR XJL															year: 2014 →	connector 8 pin								programm No: 233	from: 2014-11-27																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+	+	+	+	+	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Switches:

JAGUAR XJL															year: 2011 →	connector 8 pin								programm No: 233	from: 2014-11-27																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+	+	+	+	+	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Switches:

JAGUAR XK															year: 2007 →	connector 8 pin								programm No: 196	from: 2013-03-13																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+	+	+	+	+	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "Trunk release" function does not work. Switches:

JEEP CHEROKEE															year: 2014 →	connector 8 pin								programm No: 528	from: 2014-09-02																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+	+	+	+	+	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Switches:

JEEP COMMANDER															year: 2006 →	connector 8 pin								programm No: 116	from: 2014-01-17																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	+	+	+	+	+	+	+	+	+
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Switches:



JEEP COMPASS															year: 2014 →	with and without Keyless System								programm No: 278	from: 2014-02-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

JEEP COMPASS															year: 2007 →	with and without Keyless System								programm No: 116	from: 2014-01-17																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

JEEP GRAND CHEROKEE															year: 2014 →	with and without Keyless System								programm No: 332	from: 2014-11-05																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

JEEP GRAND CHEROKEE															year: 2010 →	with and without Keyless System								programm No: 245	from: 2014-01-17																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

JEEP GRAND CHEROKEE															year: 2005 →	with and without Keyless System								programm No: 278	from: 2014-02-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

JEEP LAREDO															year: 2005 →	with and without Keyless System								programm No: 278	from: 2014-02-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

JEEP PATRIOT

year: 2007 →

with and without Keyless System

programm No: 116

from: 2014-01-17

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control)

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches: [Icons]

JEEP RENEGADE (Keyless)

year: 2014 →

with Keyless System only

programm No: 554

from: 2014-11-14

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control)

Comments:

Switches: [Icons]

JEEP RENEGADE

year: 2014 →

without Keyless System

programm No: 599

from: 2015-03-10

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control)

Comments:

Switches: [Icons]

JEEP WRANGLER

year: 2013 →

without Keyless System

programm No: 245

from: 2014-01-17

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control)

Comments:

Switches: [Icons]

JEEP WRANGLER

year: 2007 →

without Keyless System

programm No: 135

from: 2013-03-13

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control)

Comments:

Switches: [Icons]

JEEP WRANGLER

year: 2007 →

without Keyless System

programm No: 245

from: 2014-01-17

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition)

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock)

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control)

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control)

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches: [Icons]

KIA CADENZA															year: 2009 →	with Keyless System only								programm №: 363										from: 2015-03-24																					
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

KIA CARENS (Keyless)															year: 2013 →	with Keyless System								programm №: 398										from: 2015-07-13																					
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: \*All doors lock" function closes mirrors, "All doors unlock" opens mirrors.

Switches:

KIA CARENS															year: 2013 →	without Keyless System								programm №: 398										from: 2015-07-13																					
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: \*All doors lock" function closes mirrors, "All doors unlock" opens mirrors.

Switches:

KIA CARNIVAL															year: 2006 →	without Keyless System								programm №: 119										from: 2015-03-24																					
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA CEED															year: 2016 →	without Keyless System								programm №: 657										from: 2015-11-13																					
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA CEED GT (Keyless)															year: 2014 →	with Keyless System only								programm №: 352										from: 2015-11-13																					
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA CEED PRO GT (Keyless)															year: 2014 →	with Keyless System only								programm No: 352	from: 2015-11-13													
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA CEED GT															year: 2014 →	without Keyless System								programm No: 389	from: 2015-11-13														
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA CEED PRO GT															year: 2014 →	without Keyless System								programm No: 389	from: 2015-11-13														
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA CEED (Keyless)															year: 2013 →	with Keyless System only								programm No: 352	from: 2015-11-13														
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA CEED															year: 2013 →	without Keyless System								programm No: 389	from: 2015-11-13														
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA CEED															year: 2009 →	with Keyless System only								programm No: 236	from: 2015-07-13														
connector 15 pin															connector 8 pin								connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

### KIA CERATO (Keyless)

OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

year: **2013** → with Keyless System

+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

programm No: **344**

OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+

from: **2015-07-13**

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches: 

### KIA CERATO

OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

year: **2013** → without Keyless System

+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

programm No: **412**

OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+

from: **2015-03-24**

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches: 

### KIA CERATO

OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

year: **2010** →

+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

programm No: **236**

OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+

from: **2015-07-13**

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches: 

### KIA MAGENTIS

OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

year: **2009** →

+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

programm No: **236**

OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+

from: **2015-07-13**

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches: 

### KIA MOHAVE (Keyless)

OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

year: **2011** → with Keyless System only

+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

programm No: **478**

OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+

from: **2015-03-24**

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches: 

### KIA MOHAVE

OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

year: **2009** →

+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

programm No: **232**

OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	
+	+	+	+	+	+	+	+	+	+	+

from: **2015-03-24**

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches: 

KIA OPIRUS															year: 2004 →								programm No: 234										from: 2015-03-24							
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: When the car is closed with factory remote control, "Trunk release" function does not work. Status "Driver door sense"= status "Passang. door sense".

Switches:

KIA OPTIMA (Keyless)															year: 2014 →								with Keyless System only										programm No: 478										from: 2015-03-24		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments:

Switches:

KIA OPTIMA															year: 2014 →								without Keyless System										programm No: 564										from: 2015-08-10		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments:

Switches:

KIA OPTIMA (Keyless)															year: 2012 →								with Keyless System only										programm No: 344										from: 2015-07-13		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments:

Switches:

KIA PICANTO															year: 2014 →								without Keyless System										programm No: 299										from: 2015-07-13		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments:

Switches:

KIA PICANTO (Keyless)															year: 2011 →								with Keyless System only										programm No: 299										from: 2015-07-13		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments:

Switches:

KIA QUORIS (Keyless)															year: 2015 →	with Keyless System								programm №: 413	from: 2015-03-24																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA QUORIS (Keyless)															year: 2013 →	with Keyless System								programm №: 413	from: 2015-03-24																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA RIO (RussianMarket)(Sedan)(Keyless)															year: 2016 →	with Keyless System only								programm №: 416	from: 2015-07-13																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA RIO (RussianMarket)(Hatchback)(Keyless)															year: 2016 →	with Keyless System only								programm №: 416	from: 2015-07-13																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA RIO (RussianMarket)(Sedan)															year: 2016 →	without Keyless System								programm №: 479	from: 2015-07-13																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA RIO (RussianMarket)(Hatchback)															year: 2016 →	without Keyless System								programm №: 479	from: 2015-07-13																												
connector 15 pin															connector 8 pin								connector 10 pin																														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**KIA RIO (RussianMarket)(Hatchback)** year: **2016** → without Keyless System program No: **479** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA RIO (RussianMarket)(Sedan)** year: **2016** → without Keyless System program No: **479** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Disarming the alarm from factory remote is possible only if all doors are closed. Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

**KIA RIO (RussianMarket)(Sedan)(Keyless)** year: **2013** → with Keyless System only program No: **416** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA RIO (RussianMarket)(Hatchback)(Keyless)** year: **2013** → with Keyless System only program No: **416** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA RIO (RussianMarket)(Hatchback)** year: **2013** → without Keyless System program No: **479** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA RIO (RussianMarket)(Hatchback)** year: **2013** → without Keyless System program No: **479** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:



**KIA RIO (RussianMarket)(Sedan)** year: **2013** → without Keyless System program No: **479** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA RIO (RussianMarket)(Sedan)** year: **2013** → without Keyless System program No: **479** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Disarming the alarm from factory remote is possible only if all doors are closed. Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

**KIA RIO** year: **2011** → without Keyless System program No: **244** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA RIO** year: **2005** → without Keyless System program No: **236** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA SORENTO** year: **2015** → with and without Keyless System program No: **621** from: **2015-11-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA SORENTO** year: **2012** → without Keyless System program No: **411** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**KIA SORENTO (Keyless)** year: **2012** → with Keyless System only program No: **411** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**KIA SORENTO** year: **2010** → with and without Keyless System program No: **231** from: **2013-10-07**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking closed.

Switches:

**KIA SOUL (Keyless)** year: **2014** → with Keyless System only program No: **498** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: "All doors lock" function closes mirrors, "All doors unlock" opens mirrors.

Switches:

**KIA SOUL** year: **2014** → without Keyless System program No: **514** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**KIA SOUL** year: **2012** → without Keyless System program No: **343** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**KIA SOUL (Keyless)** year: **2012** → with Keyless System only program No: **481** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

KIA SPORTAGE															year: 2014 →	without Keyless System								programm No: 244	from: 2015-07-13																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Comments:

Switches:

KIA SPORTAGE															year: 2011 →	without Keyless System								programm No: 244	from: 2015-07-13																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Comments:

Switches:

KIA SPORTAGE (Keyless)															year: 2011 →	with Keyless System only								programm No: 244	from: 2015-07-13																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Comments:

Switches:

KIA SPORTAGE															year: 2008 →	without Keyless System								programm No: 236	from: 2015-07-13																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Comments:

Switches:

KIA VENGA															year: 2015 →	without Keyless System								programm No: 236	from: 2015-07-13																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Comments:

Switches:

KIA VENGA															year: 2012 →	without Keyless System								programm No: 236	from: 2015-07-13																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

KIA VENGA (Keyless)															year: 2010 →	with Keyless System								programm №: 271	from: 2015-03-24																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Status "Driver door sense" = status "Passang. door sense".

Switches:

LADA GRANTA															year: 2012 →	with Keyless System								programm №: 461	from: 2015-11-23																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

LADA KALINA															year: 2014 →	with Keyless System								programm №: 461	from: 2015-11-23																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

LADA PRIORA															year: 2015 →	without Keyless System								programm №: 461	from: 2015-11-23																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

LANCIA DELTA															year: 2008 →	with Keyless System								programm №: 129	from: 2013-07-03																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

LANCIA MUSA															year: 2007 →	with Keyless System								programm №: 129	from: 2013-07-03																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**LANCIA PHEDRA** year: **2007** → (with factory alarm) program No: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**LANCIA PHEDRA** year: **2007** → (without factory alarm) program No: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**LANCIA THEMA** year: **2011** → with Keyless System program No: **332** from: **2014-11-05**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

**LANCIA YPSILON** year: **2011** → program No: **127** from: **2015-02-20**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**LANCIA YPSILON** year: **2006** → program No: **129** from: **2013-07-03**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**LAND ROVER DEFENDER** year: **2012** → program No: **447** from: **2013-10-21**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:



**LAND ROVER RANGE ROVER Autobiography** year: **2011** → with and without Keyless System **programm No: 233** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**LAND ROVER RANGE ROVER EVOQUE** year: **2014** → with and without Keyless System **programm No: 446** from: **2013-10-21**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**LAND ROVER RANGE ROVER EVOQUE** year: **2011** → with and without Keyless System **programm No: 233** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**LAND ROVER RANGE ROVER HSE** year: **2015** → with and without Keyless System **programm No: 445** from: **2014-02-25**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**LAND ROVER RANGE ROVER HSE** year: **2006** → with and without Keyless System **programm No: 213** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**LAND ROVER RANGE ROVER SPORT** year: **2014** → with and without Keyless System **programm No: 445** from: **2014-02-25**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**LAND ROVER RANGE ROVER SPORT** year: **2010** → with and without Keyless System programm No: **233** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**LAND ROVER RANGE ROVER SPORT** year: **2006** → programm No: **199** from: **2014-08-25**

connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**LAND ROVER RANGE ROVER Supercharged** year: **2010** → with and without Keyless System programm No: **233** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**LAND ROVER RANGE ROVER Supercharged** year: **2006** → programm No: **213** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**LAND ROVER RANGE ROVER Vogue** year: **2014** → with and without Keyless System programm No: **445** from: **2014-02-25**

connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:

**LAND ROVER RANGE ROVER Vogue** year: **2010** → with and without Keyless System programm No: **233** from: **2014-11-27**

connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Comments:

Switches:



**LAND ROVER RANGE ROVER Vogue** year: **2006** → program: **213** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**LEXUS CT (Hybrid)** year: **2011** → with and without Keyless System program: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**LEXUS ES (Hybrid)** year: **2013** → with and without Keyless System program: **338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function. Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

**LEXUS ES** year: **2013** → with and without Keyless System program: **338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function. Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

**LEXUS ES** year: **2007** → with and without Keyless System program: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**LEXUS GS (Hybrid)** year: **2013** → with and without Keyless System program: **338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function. Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

**LEXUS GS** year: **2012** → with and without Keyless System **programm №: 338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**LEXUS GS** year: **2006** → with and without Keyless System **programm №: 181** from: **2015-11-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: "Factory system alarm" & "Armed state" statuses work correctly after 30 seconds from the closing of the car by factory remote control (earlier opening of the doors equates to opening the car by factory remote control).

Switches:

**LEXUS GX** year: **2014** → with and without Keyless System **programm №: 568** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" opens the window in trunk door.

Switches:

**LEXUS GX** year: **2010** → with and without Keyless System **programm №: 138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**LEXUS IS** year: **2013** → with and without Keyless System **programm №: 338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function. Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

**LEXUS IS** year: **2007** → with and without Keyless System **programm №: 181** from: **2015-11-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: "Factory system alarm" & "Armed state" statuses work correctly after 30 seconds from the closing of the car by factory remote control (earlier opening of the doors equates to opening the car by factory remote control).

Switches:

LEXUS IS															year: 2005 →	with and without Keyless System	programm №: 181	from: 2015-11-18																						
connector 15 pin															connector 8 pin								connector 10 pin																	
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Comments:																																								
Switches:																																								

LEXUS LS															year: 2013 →	with and without Keyless System	programm №: 251	from: 2015-04-24																				
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Comments:															When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.																							
Switches:																																						

LEXUS LS															year: 2010 →	with and without Keyless System	programm №: 251	from: 2015-04-24																				
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Comments:																																						
Switches:																																						

LEXUS LS															year: 2006 →	with and without Keyless System	programm №: 251	from: 2015-04-24																				
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Comments:																																						
Switches:																																						

LEXUS LX															year: 2015 →	with and without Keyless System	programm №: 668	from: 2015-11-26																				
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Comments:																																						
Switches:																																						

LEXUS LX															year: 2012 →	with and without Keyless System	programm №: 138	from: 2015-04-24																				
connector 15 pin															connector 8 pin								connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Comments:															When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function. Function "Trunk release" doesn't open trunk's electrical flap																							
Switches:																																						

**LEXUS LX** year: **2008** → with and without Keyless System program No: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**LEXUS NX (Hybrid)** year: **2014** → with and without Keyless System program No: **486** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**LEXUS NX** year: **2014** → with and without Keyless System program No: **486** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**LEXUS RC** year: **2016** → with and without Keyless System program No: **338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**LEXUS RX (Hybrid)** year: **2013** → with Keyless System only program No: **226** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**LEXUS RX** year: **2013** → with Keyless System only program No: **226** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: The module controls the windows, which are equipped with the "AUTO" function.

Switches:

LEXUS RX															year: 2010 →	with and without Keyless System								programm No: 138	from: 2015-04-24																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

LEXUS RX (Keyless)															year: 2010 →	with Keyless System only								programm No: 226	from: 2015-06-30																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: The module controls the windows, which are equipped with the "AUTO" function.

Switches:

LIFAN CEBRIUM (720)															year: 2014 →	without Keyless System								programm No: 594	from: 2015-02-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

LIFAN SOLANO (620)															year: 2013 →	without Keyless System								programm No: 595	from: 2015-02-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

LUXGEN U7 TURBO															year: 2014 →	without Keyless System								programm No: 518	from: preliminary																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

MAZDA 2 (DE)															year: 2007 →	without Keyless System								programm No: 195	from: 2013-03-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

**MAZDA 2 (NC)** year: **2002** → without Keyless System **programm No: 667** from: **2015-11-26**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN									
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments:

Switches:

**MAZDA 3 (BM)** year: **2014** → with and without Keyless System **programm No: 339** from: **2015-06-02**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments:

Switches:

**MAZDA 3 (BL)** year: **2009** → without Keyless System **programm No: 195** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

**MAZDA 3 (BK)** year: **2005** → without Keyless System **programm No: 121** from: **2015-12-18**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments:

Switches:

**MAZDA 5 (CR)** year: **2006** → without Keyless System **programm No: 228** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments:

Switches:

**MAZDA 6 (GJ) (Keyless)** year: **2013** → with Keyless System **programm No: 339** from: **2015-06-02**










connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:



MAZDA 6 (GJ)															year: 2013 →								without Keyless System								programm No: 339										from: 2015-06-02		
connector 15 pin															connector 8 pin								connector 10 pin																				
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:         


MAZDA 6 (GH)															year: 2008 →								programm No: 643										from: 2015-09-18			
connector 15 pin															connector 8 pin								connector 10 pin													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:  










MAZDA 6 (GG / GY)															year: 2005 →								programm No: 337										from: 2015-09-17			
connector 15 pin															connector 8 pin								connector 10 pin													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches: 



MAZDA CX5 (KE) (Keyless)															year: 2012 →								with Keyless System								programm No: 339										from: 2015-06-02		
connector 15 pin															connector 8 pin								connector 10 pin																				
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:         

MAZDA CX5 (KE)															year: 2012 →								without Keyless System								programm No: 339										from: 2015-06-02		
connector 15 pin															connector 8 pin								connector 10 pin																				
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments:

Switches:  

MAZDA CX7 (ER)															year: 2007 →								with and without Keyless System								programm No: 154										from: 2013-03-13		
connector 15 pin															connector 8 pin								connector 10 pin																				
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	+								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:  

MAZDA CX9 (TB)															year: 2013 →	with and without Keyless System								programm No: 154	from: 2013-03-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

MAZDA CX9 (TB)															year: 2007 →	with and without Keyless System								programm No: 154	from: 2013-03-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

MAZDA MX5 (NC)															year: 2005 →	with and without Keyless System								programm No: 195	from: 2013-03-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

MERCEDES A (176)															year: 2013 →	with and without Keyless System								programm No: 399	from: 2014-12-01																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

MERCEDES A (169)															year: 2004 →	with and without Keyless System								programm No: 162	from: 2014-01-17																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

MERCEDES A (168)															year: 1997 →	with and without Keyless System								programm No: 246	from: 2015-02-18																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Status "Ignition" appears when key has been slipped key into ignition.

Switches:



MERCEDES ACTROS MP4															year: 2011 →	programm No: 348								from: 2014-11-14																														
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

MERCEDES ACTROS MP3															year: 2008 →	programm No: 148								from: 2014-01-21																														
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

MERCEDES ACTROS MP2															year: 2003 →	programm No: 148								from: 2014-01-21																														
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

MERCEDES B (246)															year: 2012 →	with and without Keyless System								programm No: 399	from: 2014-12-01																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

MERCEDES B (245)															year: 2005 →	with and without Keyless System								programm No: 162	from: 2014-01-17																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

MERCEDES C (205)															year: 2014 →	with and without Keyless System								programm No: 485	from: 2014-03-12																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**MERCEDES C (204)** year: **2007** → with and without Keyless System **programm No: 141** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES C (203)** year: **2001** → with and without Keyless System **programm No: 159** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES CITAN (415)** year: **2012** → with and without Keyless System **programm No: 174** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES CL (216)** year: **2007** → with and without Keyless System **programm No: 141** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES CL (215)** year: **2002** → with and without Keyless System **programm No: 125** from: **2013-11-22**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES CL (215)** year: **1999** → with and without Keyless System **programm No: 125** from: **2013-11-22**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:





**MERCEDES GL (166)** year: **2013** → with and without Keyless System **programm No: 399** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES GL (164)** year: **2006** → with and without Keyless System **programm No: 117** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES GLA (156)** year: **2014** → with and without Keyless System **programm No: 399** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES GLK (204)** year: **2012** → with and without Keyless System **programm No: 141** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES GLK (204)** year: **2008** → with and without Keyless System **programm No: 141** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES ML (166)** year: **2012** → with and without Keyless System **programm No: 399** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES ML (164)**

year: 2005 →

with and without Keyless System

programm №: 117

from: 2014-01-17

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

+	+	+	+	+	+	+	+	+	+
Contr. of factory alarm									
Contr. c.lock. when ign.is on									
Horn control									

Comments:

Switches:

**MERCEDES ML (163)**

year: 1998 →

programm №: 246

from: 2015-02-18

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

+	+	+	+	+	+	+	+	+	+
Contr. of factory alarm									
Contr. c.lock. when ign.is on									
Horn control									

Comments:

Switches:

**MERCEDES R (251)**

year: 2006 →

with and without Keyless System

programm №: 117

from: 2014-01-17

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

+	+	+	+	+	+	+	+	+	+
Contr. of factory alarm									
Contr. c.lock. when ign.is on									
Horn control									

Comments:

Switches:

**MERCEDES S (222)**

year: 2013 →

with and without Keyless System

programm №: 485

from: 2014-03-12

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

+	+	+	+	+	+	+	+	+	+
Contr. of factory alarm									
Contr. c.lock. when ign.is on									
Horn control									

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches: 1 2 3 4 5 6 7 8 9 0 \* # C

**MERCEDES S (221)**

year: 2005 →

with and without Keyless System

programm №: 141

from: 2014-12-01

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

+	+	+	+	+	+	+	+	+	+
Contr. of factory alarm									
Contr. c.lock. when ign.is on									
Horn control									

Comments:

Switches:

**MERCEDES S (220)**

year: 2002 →

with and without Keyless System

programm №: 125

from: 2013-11-22

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

+	+	+	+	+	+	+	+	+	+
Contr. of factory alarm									
Contr. c.lock. when ign.is on									
Horn control									

Comments:

Switches:

**MERCEDES S (220)** year: **1998** → with and without Keyless System **programm No: 125** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES SL (231)** year: **2012** → with and without Keyless System **programm No: 141** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES SL (230)** year: **2001** → with and without Keyless System **programm No: 125** from: **2013-11-22**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES SLK (172)** year: **2011** → with and without Keyless System **programm No: 491** from: **2014-12-01**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES SLK (171)** year: **2005** → with and without Keyless System **programm No: 163** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MERCEDES SPRINTER (906)** year: **2013** → with and without Keyless System **programm No: 164** from: **2015-02-12**

connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

MERCEDES SPRINTER (909)

year: 2013 →

programm №: 598

from: 2015-03-03

Table with 15 columns (OUT) and 15 rows for Mercedes Sprinter (909) connector 15 pin. Functions include Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for Mercedes Sprinter (909) connector 8 pin. Functions include PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for Mercedes Sprinter (909) connector 10 pin. Functions include Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows for Mercedes Sprinter (909).

Comments:

Switches: [Icons]

MERCEDES SPRINTER (906)

year: 2006 →

with and without Keyless System

programm №: 164

from: 2015-02-12

Table with 15 columns (OUT) and 15 rows for Mercedes Sprinter (906) connector 15 pin. Functions include Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for Mercedes Sprinter (906) connector 8 pin. Functions include PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for Mercedes Sprinter (906) connector 10 pin. Functions include Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows for Mercedes Sprinter (906).

Comments:

Switches: [Icons]

MERCEDES SPRINTER (904)

year: 2001 →

programm №: 246

from: 2015-02-18

Table with 15 columns (OUT) and 15 rows for Mercedes Sprinter (904) connector 15 pin. Functions include Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for Mercedes Sprinter (904) connector 8 pin. Functions include PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for Mercedes Sprinter (904) connector 10 pin. Functions include Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows for Mercedes Sprinter (904).

Comments:

Switches: [Icons]

MERCEDES SPRINTER (903)

year: 2001 →

programm №: 246

from: 2015-02-18

Table with 15 columns (OUT) and 15 rows for Mercedes Sprinter (903) connector 15 pin. Functions include Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for Mercedes Sprinter (903) connector 8 pin. Functions include PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for Mercedes Sprinter (903) connector 10 pin. Functions include Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows for Mercedes Sprinter (903).

Comments:

Switches: [Icons]

MERCEDES UNIMOG U400

year: 2006 →

programm №: 148

from: 2014-01-21

Table with 15 columns (OUT) and 15 rows for Mercedes Unimog U400 connector 15 pin. Functions include Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for Mercedes Unimog U400 connector 8 pin. Functions include PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for Mercedes Unimog U400 connector 10 pin. Functions include Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows for Mercedes Unimog U400.

Comments:

Switches: [Icons]

MERCEDES V (447)

year: 2014 →

programm №: 521

from: 2014-12-01

Table with 15 columns (OUT) and 15 rows for Mercedes V (447) connector 15 pin. Functions include Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows for Mercedes V (447) connector 8 pin. Functions include PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock.

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows for Mercedes V (447) connector 10 pin. Functions include Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows for Mercedes V (447).

Comments:

\*All doors lock\* function closes mirrors.

Switches: [Icons]



**MERCEDES VIANO (639)**

year: **2011** →

with and without Keyless System

programm No: **164**

from: **2015-02-12**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**MERCEDES VIANO (639)**

year: **2003** →

with and without Keyless System

programm No: **164**

from: **2015-02-12**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**MERCEDES VITO (639)**

year: **2011** →

with and without Keyless System

programm No: **164**

from: **2015-02-12**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**MERCEDES VITO (639)**

year: **2003** →

with and without Keyless System

programm No: **164**

from: **2015-02-12**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**MINI COOPER (R56)**

year: **2006** →

without Keyless System

programm No: **118**

from: **2015-11-17**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI COOPER (R56) (Keyless)**

year: **2006** →

with Keyless System only

programm No: **137**

from: **2015-11-17**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI COOPER S (R56)** year: **2013** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI COOPER S (R56) (Keyless)** year: **2013** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI COUNTRYMAN (R60)** year: **2010** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI COUNTRYMAN (R60) (Keyless)** year: **2010** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI ONE (R56)** year: **2007** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI ONE (R56) (Keyless)** year: **2007** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI PACEMAN (R61)** year: **2013** → without Keyless System program No: **118** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MINI PACEMAN (R61) (Keyless)** year: **2013** → with Keyless System only program No: **137** from: **2015-11-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" and "All doors lock" works like driver's door lock.

Switches:

**MITSUBISHI ASX** year: **2014** → with and without Keyless System program No: **451** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**MITSUBISHI ASX** year: **2010** → with and without Keyless System program No: **451** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**MITSUBISHI COLT** year: **2008** → without Keyless System program No: **394** from: **2013-04-19**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**MITSUBISHI FUSO CANTER** year: **2012** → without Keyless System program No: **499** from: **2014-05-07**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**MITSUBISHI L200** year: **2006** → program No: **179** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MITSUBISHI LANCER (X)** year: **2011** → with and without Keyless System program No: **451** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If car don't have factory remote control - to activate "Turn signal control", "Trunk release", "All doors unlock", "Driver door unlock", "All doors lock" functions must be using a computer servis UMT-3 and activate Keyless function (ETACS -> Coding -> Coding Options -> Keyless - Present).

Switches:

**MITSUBISHI LANCER (X)** year: **2008** → with and without Keyless System program No: **142** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If car don't have factory remote control - to activate "Turn signal control", "Trunk release", "All doors unlock", "Driver door unlock", "All doors lock" functions must be using a computer servis UMT-3 and activate Keyless function (ETACS -> Coding -> Coding Options -> Keyless - Present).

Switches:

**MITSUBISHI OUTLANDER (Keyless)** year: **2013** → with Keyless System only program No: **393** from: **2013-04-17**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" opens/closes trunk door and works only when central lock is opened.

Switches:

**MITSUBISHI OUTLANDER** year: **2013** → without Keyless System program No: **393** from: **2013-04-17**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MITSUBISHI OUTLANDER (XL)** year: **2007** → with and without Keyless System program No: **142** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MITSUBISHI PAJERO** year: 2012 → program No: 178 from: 2015-08-12

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening stm.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

**MITSUBISHI PAJERO** year: 2007 → program No: 178 from: 2015-08-12

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening stm.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

**MITSUBISHI PAJERO SPORT** year: 2013 → program No: 179 from: 2015-08-12

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening stm.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MITSUBISHI PAJERO SPORT** year: 2008 → program No: 179 from: 2015-08-12

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening stm.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**MITSUBISHI SPACE STAR** year: 2014 → with and without Keyless System program No: 618 from: 2015-08-12

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening stm.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**NISSAN 350Z** year: 2006 → with and without Keyless System program No: 216 from: 2015-07-16

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening stm.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.

Switches:

**NISSAN ALTIMA** year: 2007 → with and without Keyless System program No: 216 from: 2015-07-16

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.

Switches:

**NISSAN CABSTAR** year: 2007 → with and without Keyless System program No: 289 from: 2014-05-07

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**NISSAN CUBE** year: 2010 → with and without Keyless System program No: 259 from: 2015-07-16

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**NISSAN INTERSTAR** year: 2006 → with and without Keyless System program No: 224 from: 2013-09-24

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**NISSAN JUKE (F15)** year: 2014 → with and without Keyless System program No: 259 from: 2015-07-16

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**NISSAN JUKE** year: 2010 → with and without Keyless System program No: 259 from: 2015-07-16

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:



NISSAN MICRA (Keyless)															year: 2006 →	with Keyless System only								programm No: 186	from: 2013-03-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																				
Switches:																																																				

NISSAN MURANO															year: 2009 →	with and without Keyless System								programm No: 216	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:															Keyless opening of passenger door or boot does not issue status "Armed state" & "Factory system alarm".																																					
Switches:																																																				

NISSAN MURANO															year: 2007 →	with and without Keyless System								programm No: 174	from: 2014-01-17																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:															Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.																																					
Switches:																																																				

NISSAN NAVARA															year: 2005 →	without Keyless System								programm No: 139	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																				
Switches:																																																				

NISSAN NOTE															year: 2013 →	without Keyless System								programm No: 259	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																				
Switches:																																																				

NISSAN NOTE (Keyless)															year: 2013 →	with Keyless System								programm No: 259	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																				
Switches:																																																				



**NISSAN NOTE**

year: **2006** →

without Keyless System

programm No: **145**

from: **2015-07-16**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**NISSAN NOTE (Keyless)**

year: **2006** →

with Keyless System only

programm No: **186**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**NISSAN NV200 EVALIA**

year: **2013** →

programm No: **259**

from: **2015-07-16**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**NISSAN NV200**

year: **2009** →

without Keyless System

programm No: **145**

from: **2015-07-16**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**NISSAN PATHFINDER (R52) (Keyless)**

year: **2015** →

with Keyless System

programm No: **387**

from: **2015-07-01**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

**NISSAN PATHFINDER (R52) (Keyless) (Hybrid)**

year: **2014** →

with Keyless System

programm No: **387**

from: **2015-07-01**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

NISSAN PATHFINDER

year: 2006 →

without Keyless System

programm No: 139

from: 2015-07-16

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition).

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock).

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control).

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows.

Comments:

Switches: [Icons]

NISSAN PATHFINDER (Keyless)

year: 2006 →

with Keyless System only

programm No: 185

from: 2015-07-17

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition).

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock).

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control).

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows.

Comments:

Switches: [Icons]

NISSAN PATROL

year: 2011 →

with and without Keyless System

programm No: 279

from: 2015-07-16

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition).

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock).

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control).

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows.

Comments:

Switches: [Icons]

NISSAN PRIMASTAR

year: 2006 →

programm No: 224

from: 2013-09-24

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition).

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock).

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control).

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows.

Comments:

Switches: [Icons]

NISSAN PRIMASTAR

year: 2001 →

programm No: 224

from: 2013-09-24

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition).

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock).

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control).

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows.

Comments:

Switches: [Icons]

NISSAN PULSAR (C13)

year: 2014 →

with and without Keyless System

programm No: 468

from: 2015-07-16

Table with 15 columns (OUT) and 15 rows (Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm++, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition).

Table with 8 columns (+, -, CAN H, CAN L, CAN H, CAN L, OUT +/-, OUT +/-) and 8 rows (PWR +12V, GND, CAN1-H, CAN1-L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock).

Table with 10 columns (OUT, IN, IN, IN, IN, IN, IN, IN, IN, IN) and 10 rows (Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control).

Table with 3 columns (Contr. of factory alarm, Contr.c.lock. when ign.is on, Horn control) and 3 rows.

Comments:

Switches: [Icons]

NISSAN QASHQAI (J11)															year: 2014 →	with and without Keyless System								programm No: 468	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

NISSAN QASHQAI															year: 2007 →	without Keyless System								programm No: 139	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

NISSAN QASHQAI (Keyless)															year: 2007 →	with Keyless System								programm No: 147	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

NISSAN QASHQAI+2															year: 2009 →	without Keyless System								programm No: 139	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

NISSAN QASHQAI+2 (Keyless)															year: 2009 →	with Keyless System								programm No: 147	from: 2015-07-16																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

NISSAN ROGUE															year: 2007 →	with and without Keyless System								programm No: 174	from: 2014-01-17																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Closing of the car with Keyless does not issue status "Armed state" & "Factory system alarm". Opening of the car with Keyless issue this status.

Switches:

**NISSAN SENTRA (B17)** year: **2014** → with and without Keyless System program No: **297** from: **2015-07-01**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

**NISSAN TEANA (L33) (Keyless)** year: **2014** → with Keyless System program No: **567** from: **2014-11-28**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Keyless opening of passenger door or boot does not activate statuses "Armed state" & "Factory system alarm".

Switches:

**NISSAN TEANA (J32)** year: **2011** → with and without Keyless System program No: **216** from: **2015-07-16**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**NISSAN TEANA (J32)** year: **2008** → with and without Keyless System program No: **216** from: **2015-07-16**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**NISSAN TERRANO** year: **2014** → without Keyless System program No: **283** from: **2014-09-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**NISSAN TIIDA** year: **2007** → without Keyless System program No: **145** from: **2015-07-16**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:



**NISSAN X-TRAIL**

year: **2007** →

without Keyless System

programm No: **139**

from: **2015-07-16**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**NISSAN X-TRAIL (Keyless)**

year: **2007** →

with Keyless System only

programm No: **147**

from: **2015-07-16**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**OPEL ADAM**

year: **2013** →

with and without Keyless System

programm No: **183**

from: **2015-11-06**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**OPEL AGILA**

year: **2008** →

without Keyless System

programm No: **168**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**OPEL ANTARA**

year: **2007** →

without Keyless System

programm No: **149**

from: **2013-12-04**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**OPEL ASTRA J**

year: **2010** →

with and without Keyless System

programm No: **183**

from: **2015-11-06**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

OPEL ASTRA H GTC															year: 2006 →								with and without Keyless System								programm No: 184								from: 2014-01-17									
connector 15 pin															connector 8 pin								connector 10 pin																									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+				

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

OPEL ASTRA H															year: 2004 →								with and without Keyless System								programm No: 184								from: 2014-01-17									
connector 15 pin															connector 8 pin								connector 10 pin																									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+				

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.in some cars input "Window roll-down" = "Trunk release" and it works only when central lock is opened

Switches:

OPEL COMBO D															year: 2012 →								programm No: 127								from: 2015-02-20																	
connector 15 pin															connector 8 pin								connector 10 pin																									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+				

Comments:

Switches:

OPEL COMBO C															year: 2006 →								programm No: 322								from: 2015-12-01																	
connector 15 pin															connector 8 pin								connector 10 pin																									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+				

Comments:

Switches:

OPEL CORSA E															year: 2014 →								with and without Keyless System								programm No: 243								from: 2015-11-06									
connector 15 pin															connector 8 pin								connector 10 pin																									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+				

Comments:

Switches:

OPEL CORSA D															year: 2011 →								programm No: 354								from: 2013-09-24																	
connector 15 pin															connector 8 pin								connector 10 pin																									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN												
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+				

Comments:

Switches:

**OPEL CORSA D** year: **2009** → with and without Keyless System program No: **354** from: **2013-09-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**OPEL CORSA D** year: **2006** → program No: **354** from: **2013-09-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**OPEL INSIGNIA SPORTS TOURER** year: **2014** → program No: **453** from: **2013-11-15**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" doesn't unlock trunk door and fuel filler flap. Function "Trunk release" opens/closes trunk door.

Switches:

**OPEL INSIGNIA** year: **2014** → program No: **453** from: **2013-11-15**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "All doors unlock" doesn't unlock trunk door and fuel filler flap.

Switches:

**OPEL INSIGNIA** year: **2009** → with and without Keyless System program No: **183** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: SWITCHES "CANCEL CRUISE", "SET CRUISE", "RESUME CRUISE" only work with the active cruise control

Switches:

**OPEL MERIVA B** year: **2014** → program No: **183** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:



**OPEL MERIVA B** year: **2010** → with and without Keyless System program No: **183** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments:

Switches:

**OPEL MOKKA** year: **2012** → with and without Keyless System program No: **243** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments:

Switches:

**OPEL MOVANO** year: **2010** → with and without Keyless System program No: **436** from: **2013-08-27**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments:

Switches:

**OPEL SIGNUM** year: **2002** → with and without Keyless System program No: **114** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**OPEL VECTRA C** year: **2002** → with and without Keyless System program No: **114** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**OPEL VIVARO** year: **2014** → without Keyless System program No: **574** from: **2015-02-04**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										

Comments:

Switches:

**OPEL VIVARO** year: **2006** → program No: **224** from: **2014-09-12**

connector 15 pin															connector 8 pin								connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control

Comments:

Switches:

**OPEL VIVARO** year: **2001** → program No: **224** from: **2013-09-24**

connector 15 pin															connector 8 pin								connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control

Comments:

Switches:

**OPEL ZAFIRA TOURER C** year: **2012** → with and without Keyless System program No: **183** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control

Comments:

Switches:

**OPEL ZAFIRA B** year: **2005** → with and without Keyless System program No: **184** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**PEUGEOT 2008** year: **2013** → program No: **298** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control

Comments:

Switches:

**PEUGEOT 207** year: **2006** → (with factory alarm) program No: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:



**PEUGEOT 308** year: **2012** → without Keyless System program No: **298** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**PEUGEOT 308** year: **2007** → (with factory alarm) program No: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 308** year: **2007** → (without factory alarm) program No: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 4007** year: **2007** → with and without Keyless System program No: **142** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**PEUGEOT 4008** year: **2012** → with and without Keyless System program No: **451** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**PEUGEOT 407** year: **2006** → (with factory alarm) program No: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 407** year: **2006** → (without factory alarm) program No: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 408** year: **2010** → (with factory alarm) program No: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" will not work.

Switches:

**PEUGEOT 408** year: **2010** → (without factory alarm) program No: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 508** year: **2011** → with and without Keyless System program No: **298** from: **2014-04-08**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 607 (Z9)** year: **2005** → (with factory alarm) program No: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 607 (Z9)** year: **2005** → (without factory alarm) program No: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 807** year: **2006** → (with factory alarm) program No: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**PEUGEOT 807** year: **2006** → (without factory alarm) program No: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**PEUGEOT BIPPER** year: **2008** → program No: **127** from: **2015-02-20**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**PEUGEOT BOXER** year: **2011** → program No: **127** from: **2015-02-20**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**PEUGEOT BOXER (RussianMarket)** year: **2011** → program No: **129** from: **2014-05-26**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: Function "Driver door unlock" opens the front door, function "Trunk release" opens the back door of luggage space

Switches:

**PEUGEOT BOXER** year: **2006** → program No: **129** from: **2014-05-26**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: Function "Driver door unlock" opens the front door, function "Trunk release" opens the back door of luggage space

Switches:

PEUGEOT EXPERT															year: 2007 →		( with factory alarm )		programm №: 143										from: 2015-09-18																									
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Comments:																	If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.																																					
Switches:																	☺ ☹																																					

PEUGEOT EXPERT															year: 2007 →		( without factory alarm )		programm №: 193										from: 2015-09-18																						
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10							
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																	If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.																																		
Switches:																	☺ ☹																																		

PEUGEOT PARTNER (Tepee)															year: 2008 →		( with factory alarm )		programm №: 143										from: 2015-09-18																						
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10							
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																	If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.																																		
Switches:																	☺ ☹																																		

PEUGEOT PARTNER (Tepee)															year: 2008 →		( without factory alarm )		programm №: 193										from: 2015-09-18																							
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10								
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																	If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.																																			
Switches:																	☺ ☹																																			

PEUGEOT PARTNER															year: 2003 →		( with factory alarm )		programm №: 292										from: 2013-03-13																						
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10							
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																			
Switches:																	☺ ☹																																		

PEUGEOT PARTNER Origin															year: 2003 →		( without factory alarm )		programm №: 292										from: 2013-03-13																						
connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10							
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																			
Switches:																	☺ ☹																																		

**PORSCHE 911 (Turbo)**

year: **2008** →

programm No: **153**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	-	-	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	-	-	+	-

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	-	-	-	+	+	-	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
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Comments: \_\_\_\_\_  
Switches:

**PORSCHE 911**

year: **2006** →

programm No: **153**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	-	-	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	-	-	+	-

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	-	-	-	+	+	-	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
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Comments: \_\_\_\_\_  
Switches:

**PORSCHE BOXSTER**

year: **2006** →

programm No: **153**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	-	-	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	-	-	+	-

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	-	-	-	+	+	-	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
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Comments: \_\_\_\_\_  
Switches:

**PORSCHE CARRERA 4**

year: **2006** →

programm No: **153**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	-	-	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	-	-	+	-

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	-	-	-	+	+	-	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
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Comments: \_\_\_\_\_  
Switches:

**PORSCHE CAYENNE (92)**

year: **2010** →

with and without Keyless System

programm No: **225**

from: **2013-07-02**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	-	-	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	-	-	+	-

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	-	-	-	+	+	-	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
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Comments: \_\_\_\_\_  
Switches:

**PORSCHE CAYENNE**

year: **2006** →

with and without Keyless System

programm No: **122**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmp/h	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	-	-	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	-	-	+	-

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	-	-	-	+	+	-	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
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Comments: \_\_\_\_\_  
Switches:



<b>PORSCHE CAYMAN S</b>															year: 2006 →	<b>programm No: 153</b>								from: 2013-03-13													
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Comments:																																					
Switches:																																					

<b>PORSCHE MACAN</b>															year: 2014 →	<b>programm No: 225</b>								from: 2014-08-11													
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Comments:																																					
Switches:																																					

<b>PORSCHE PANAMERA</b>															year: 2009 →	<b>programm No: 225</b>								from: 2013-07-02													
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work.																																					
Switches:																																					

<b>RENAULT CAPTUR</b>															year: 2013 →	<b>programm No: 372</b>								from: 2015-01-12													
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Comments:																																					
Switches:																																					

<b>RENAULT CLIO IV</b>															year: 2012 →	<b>programm No: 372</b>								from: 2015-01-12													
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Comments:																																					
Switches:																																					

<b>RENAULT CLIO III</b>															year: 2005 →	<b>programm No: 174</b>								from: 2014-01-17													
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					
Comments:																																					
Switches:																																					

**RENAULT DOKKER** year: **2012** → program: **574** from: **2015-12-17**

connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+					

Comments:

Switches:

**RENAULT DUSTER** year: **2014** → (only with engine controller Valeo V42) program: **283** from: **2014-09-08**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**RENAULT DUSTER** year: **2011** → (only with engine controller Valeo V42) program: **283** from: **2014-09-08**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**RENAULT ESPACE V (INITIALE)** year: **2015** → with Keyless System program: **625** from: **2015-08-31**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

**RENAULT ESPACE IV** year: **2003** → program: **224** from: **2013-09-24**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments:

Switches:

**RENAULT FLUENCE** year: **2013** → with and without Keyless System program: **182** from: **2013-10-15**

connector 15 pin															connector 8 pin								connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

RENAULT FLUENCE															year: 2010 →	with and without Keyless System								programm No: 182	from: 2013-10-15																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Switches:

RENAULT INITIALE															year: 2015 →	with Keyless System								programm No: 625	from: 2015-08-31																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm. Switches:

RENAULT KADJAR															year: 2015 →	with Keyless System								programm No: 625	from: 2015-08-31																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Before using the remote "Trunk open" switch you need to disarm the alarm. Switches:

RENAULT KANGOO															year: 2008 →	with Keyless System								programm No: 174	from: 2014-01-17																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Switches:

RENAULT KANGOO															year: 2004 →	with Keyless System								programm No: 224	from: 2013-09-24																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Switches:

RENAULT KOLEOS															year: 2012 →	with and without Keyless System								programm No: 443	from: 2015-07-01																	
connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Switches:

**RENAULT KOLEOS** year: **2008** → with and without Keyless System program No: **443** from: **2015-07-01**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**RENAULT LAGUNA III** year: **2008** → with and without Keyless System program No: **182** from: **2013-10-15**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**RENAULT LODGY** year: **2012** → with and without Keyless System program No: **574** from: **2015-12-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**RENAULT LOGAN** year: **2013** → with and without Keyless System program No: **574** from: **2015-12-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**RENAULT LOGAN MCV II** year: **2013** → with and without Keyless System program No: **574** from: **2015-12-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**RENAULT MASTER** year: **2010** → with and without Keyless System program No: **436** from: **2013-08-27**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

RENAULT MASTER DCI															year: 2005 →								programm №: 224										from: 2013-09-24												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments:

Switches:

RENAULT MEGANE III															year: 2012 →								with and without Keyless System										programm №: 182										from: 2013-10-15		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

RENAULT MEGANE III															year: 2009 →								with and without Keyless System										programm №: 182										from: 2013-10-15		
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments:

Switches:

RENAULT MEGANE II															year: 2006 →								programm №: 174										from: 2014-01-17												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments:

Switches:

RENAULT SANDERO															year: 2013 →								programm №: 574										from: 2015-12-17												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

RENAULT SANDERO STEPWAY															year: 2012 →								programm №: 372										from: 2015-01-12												
connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	+	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	+	IN							
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			

Comments:

**RENAULT SCENIC III** year: **2013** → with and without Keyless System program No: **182** from: **2013-10-15**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

**RENAULT SCENIC III** year: **2009** → with and without Keyless System program No: **182** from: **2013-10-15**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+

Comments:

Switches:

**RENAULT SCENIC II** year: **2003** → program No: **174** from: **2014-01-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+

Comments:

Switches:

**RENAULT T (EURO 6)** year: **2013** → program No: **464** from: **2014-05-05**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+

Comments:

Switches:

**RENAULT TRAFIC** year: **2014** → program No: **372** from: **2015-01-12**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+

Comments:

Switches:

**RENAULT TRAFIC** year: **2006** → program No: **224** from: **2013-09-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+	+	+	-	-	-	+	-	-	-	+

Comments:

Switches:

**RENAULT TRAFIC**

year: **2001** →

programm No: **224**

from: **2013-09-24**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
+	+	+

Comments:

Switches:

**RENAULT TWINGO III**

year: **2014** →

programm No: **372**

from: **2015-01-12**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
+	+	+

Comments:

Switches:

**RENAULT TWINGO II**

year: **2008** →

programm No: **174**

from: **2014-01-17**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
+	+	+

Comments:

Switches:

**SAAB 9-3 (YS3F)**

year: **2003** →

programm No: **126**

from: **2015-12-18**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
+	+	+

Comments: For correct operating of CAN network signals sending functions, car has to be once closed and opened with factory remote control.

Switches:

**SAAB 9-5 (YS3E)**

year: **1998** →

programm No: **156**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
+	+	+

Comments:

Switches:

**SCION FR-S**

year: **2012** →

with and without Keyless System

programm No: **392**

from: **2015-08-12**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control
+	+	+

Comments:

Switches:

**SEAT ALTEA (5P)** year: 2005 → program No: 111 from: 2013-03-13

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SEAT ALTEA FREETRACK 4 (5P)** year: 2007 → with and without Keyless System program No: 111 from: 2013-03-13

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

**SEAT ALTEA XL (5P)** year: 2010 → program No: 452 from: 2013-11-05

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

**SEAT CORDOBA (6L)** year: 2003 → program No: 161 from: 2013-03-13

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**SEAT EXEO (3R)** year: 2009 → program No: 132 from: 2013-03-13

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

**SEAT IBIZA (6J)** year: 2013 → program No: 449 from: 2015-12-17

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:



**SEAT IBIZA (6J)**

year: 2009 →

programm No: 176

from: 2013-10-18

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
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Comments:

Switches:

**SEAT IBIZA (6L)**

year: 2003 →

programm No: 161

from: 2013-03-13

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
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Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**SEAT LEON (5F)**

year: 2013 →

programm No: 448

from: 2015-11-06

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
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Comments: When the car is closed with factory remote control, the functions "Trunk release", "Turn signal control", "All doors unlock" & "Driver door unlock" does not work.

Switches:

**SEAT LEON (1P)**

year: 2006 →

programm No: 111

from: 2013-03-13

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
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Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SEAT LEON (1M)**

year: 2002 →

programm No: 166

from: 2013-03-13

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
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Comments:

Switches:

**SEAT TOLEDO (NH)**

year: 2013 →

programm No: 449

from: 2015-12-17

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control
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Comments:

Switches:

**SEAT TOLEDO (5P)** year: **2005** → program **№: 111** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SEAT TOLEDO (1M)** year: **2002** → program **№: 166** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**SETRA S431 DT (EURO 6)** year: **2013** → program **№: 348** from: **2014-11-14**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**SETRA S515 HD (EURO 6)** year: **2012** → program **№: 348** from: **2014-11-14**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Status of the door opening available only when the ignition is on

Switches:

**SETRA S516 HD (EURO 6)** year: **2012** → program **№: 348** from: **2014-11-14**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Status of the door opening available only when the ignition is on

Switches:

**SETRA S517 HD (EURO 6)** year: **2012** → program **№: 348** from: **2014-11-14**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+

Comments: Status of the door opening available only when the ignition is on

Switches:



**SKODA FABIA (6Y)** year: **2000** → **programm No: 161** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**SKODA OCTAVIA III (NE) (HockeyEdition)** year: **2015** → **programm No: 391** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments:

Switches:

**SKODA OCTAVIA III (NE)** year: **2013** → **programm No: 391** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: Module closes windows in two stages (first front, then rear).

Switches:

**SKODA OCTAVIA II (1Z)** year: **2009** → **programm No: 173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SKODA OCTAVIA II (1Z)** year: **2005** → **programm No: 111** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SKODA OCTAVIA I (1U)** year: **2003** → **programm No: 111** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SKODA OCTAVIA TOUR I (1U)** year: **2009** → program: **111** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SKODA OCTAVIA TOUR I (1U)** year: **2009** → program: **262** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments:

Switches:

**SKODA RAPID (NH)** year: **2012** → program: **176** from: **2013-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments:

Switches:

**SKODA ROOMSTER (5J)** year: **2010** → program: **176** from: **2013-10-18**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments:

Switches:

**SKODA ROOMSTER (5J)** year: **2006** → program: **161** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**SKODA SUPERB (3T)** year: **2014** → with and without Keyless System program: **173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments:

Switches:

**SKODA SUPERB (3T)** year: **2009** → with and without Keyless System program No: **173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**SKODA SUPERB (3U)** year: **2003** → program No: **111** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SKODA YETI (5L)** year: **2014** → program No: **492** from: **2014-07-01**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap.

Switches:

**SKODA YETI (5L)** year: **2009** → with and without Keyless System program No: **173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**SMART FORTWO BRABUS (451)** year: **2007** → program No: **654** from: **2015-11-03**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**SMART FORTWO MHD PASSION (451)** year: **2008** → program No: **654** from: **2015-11-03**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:



**SUBARU FORESTER** year: **2013** → without Keyless System program No: **395** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	-	-	+	+						

Comments:

Switches:

**SUBARU FORESTER (Keyless)** year: **2013** → with Keyless System only program No: **395** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	-	-	+	+						

Comments:

Switches:

**SUBARU FORESTER XT** year: **2013** → without Keyless System program No: **395** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	-	-	+	+						

Comments:

Switches:

**SUBARU FORESTER XT (Keyless)** year: **2013** → with Keyless System only program No: **395** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	-	-	+	+						

Comments:

Switches:

**SUBARU FORESTER** year: **2009** → without Keyless System program No: **177** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	-	-	+	+						

Comments:

Switches:

**SUBARU IMPREZA** year: **2008** → without Keyless System program No: **177** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																		
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN						
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16			
+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	-	-	-	-	-	-	-	+	+						

Comments:

Switches:



SUBARU LEGACY															year: 2008 →	without Keyless System								programm №: 177	from: 2013-03-13								
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	-	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	+	+	-	+	-	-	-	+	-	-	+	+	
Comments:																																	
Switches:																																	

SUBARU LEGACY															year: 2004 →	without Keyless System								programm №: 177	from: 2013-03-13								
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	-	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	+	+	-	+	-	-	-	+	-	-	+	+	
Comments:																																	
Switches:																																	

SUBARU OUTBACK															year: 2013 →	without Keyless System								programm №: 423	from: 2013-06-24								
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	-	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	+	+	-	+	-	-	-	+	-	-	+	+	
Comments:																																	
Switches:																																	

SUBARU OUTBACK (Keyless)															year: 2010 →	with Keyless System								programm №: 265	from: 2013-03-13								
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	-	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	+	+	-	+	-	-	-	+	-	-	+	+	
Comments:																																	
Switches:																																	

SUBARU OUTBACK															year: 2008 →	without Keyless System								programm №: 177	from: 2013-03-13								
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	-	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	+	+	-	+	-	-	-	+	-	-	+	+	
Comments:																																	
Switches:																																	

SUBARU OUTBACK															year: 2004 →	without Keyless System								programm №: 177	from: 2013-03-13								
connector 15 pin															connector 8 pin								connector 10 pin										
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	
+	+	+	-	-	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-	+	+	-	+	-	-	-	+	-	-	+	+	
Comments:																																	
Switches:																																	

SUBARU TRIBECA B9															year: 2006 →	without Keyless System								programm No: 197	from: 2013-03-13																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																						
Switches:																																																						

SUBARU XV															year: 2012 →	without Keyless System								programm No: 395	from: 2015-08-12																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																						
Switches:																																																						

SUBARU XV (Keyless)															year: 2012 →	with Keyless System only								programm No: 395	from: 2015-08-12																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																						
Switches:																																																						

SUZUKI GRAND VITARA															year: 2008 →	without Keyless System								programm No: 115	from: 2013-06-24																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																						
Switches:																																																						

SUZUKI GRAND VITARA (Keyless)															year: 2008 →	with Keyless System only								programm No: 115	from: 2013-06-24																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																						
Switches:																																																						

SUZUKI GRAND VITARA															year: 2005 →	without Keyless System								programm No: 115	from: 2013-06-24																													
connector 15 pin															connector 8 pin								connector 10 pin																															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																						
Switches:																																																						

SUZUKI GRAND VITARA (Keyless)															year: 2005 →	with Keyless System only								programm No: 115	from: 2013-06-24																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

SUZUKI JIMNY															year: 2015 →	without Keyless System								programm No: 627	from: 2015-05-28																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

SUZUKI KIZASHI															year: 2010 →	with and without Keyless System								programm No: 415	from: 2013-06-11																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

SUZUKI SPLASH															year: 2008 →	without Keyless System								programm No: 168	from: 2013-03-13																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

SUZUKI SWIFT															year: 2010 →	without Keyless System								programm No: 115	from: 2013-06-24																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							

SUZUKI SWIFT (Keyless)															year: 2010 →	with Keyless System only								programm No: 115	from: 2013-06-24																														
connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																							
Switches:																																																							



SUZUKI SX4 S-CROSS

year: 2014 →

without Keyless System

programm No: 115

from: 2013-06-24

Table with 15 columns (OUT) and 15 rows for Suzuki SX4 S-Cross (2014, no Keyless). Includes Driver door sensor, Passengers door sensor, Trunk sense, Hood sense, Factory alarm, Armed state, Lock factory remote, Unlock factory remote, Switches combination, Handbrake / Parking, Speed 10kmph, Engine run, Engine speed (RPM), Ignition, Key in ignition.

Table with 8 columns (CAN H, CAN L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock) and 8 rows for Suzuki SX4 S-Cross (2014, no Keyless).

Table with 10 columns (OUT, IN) and 10 rows for Suzuki SX4 S-Cross (2014, no Keyless). Includes Footbrake, Drivers door opening sim., Stop engine, Start engine, Comfort closure, Trunk release, All doors unlock, Driver door unlock, All doors lock, Turn signal control.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control) and 3 rows for Suzuki SX4 S-Cross (2014, no Keyless).

Comments:

Switches: [Icons]

SUZUKI SX4 S-CROSS (Keyless)

year: 2014 →

with Keyless System only

programm No: 455

from: 2013-11-26

Table with 15 columns (OUT) and 15 rows for Suzuki SX4 S-Cross (2014, Keyless).

Table with 8 columns (CAN H, CAN L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock) and 8 rows for Suzuki SX4 S-Cross (2014, Keyless).

Table with 10 columns (OUT, IN) and 10 rows for Suzuki SX4 S-Cross (2014, Keyless).

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control) and 3 rows for Suzuki SX4 S-Cross (2014, Keyless).

Comments:

Switches: [Icons]

SUZUKI XL7

year: 2008 →

programm No: 149

from: 2013-12-04

Table with 15 columns (OUT) and 15 rows for Suzuki XL7.

Table with 8 columns (CAN H, CAN L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock) and 8 rows for Suzuki XL7.

Table with 10 columns (OUT, IN) and 10 rows for Suzuki XL7.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control) and 3 rows for Suzuki XL7.

Comments:

Switches: [Icons]

TESLA S85

year: 2012 →

with Keyless System only

programm No: 626

from: 2015-05-20

Table with 15 columns (OUT) and 15 rows for Tesla S85.

Table with 8 columns (CAN H, CAN L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock) and 8 rows for Tesla S85.

Table with 10 columns (OUT, IN) and 10 rows for Tesla S85.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control) and 3 rows for Tesla S85.

Comments:

Switches: [Icons]

TOYOTA 4RUNNER (N280)

year: 2010 →

with and without Keyless System

programm No: 138

from: 2015-04-24

Table with 15 columns (OUT) and 15 rows for Toyota 4Runner (N280).

Table with 8 columns (CAN H, CAN L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock) and 8 rows for Toyota 4Runner (N280).

Table with 10 columns (OUT, IN) and 10 rows for Toyota 4Runner (N280).

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control) and 3 rows for Toyota 4Runner (N280).

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work.

Switches: [Icons]

TOYOTA ALPHARD

year: 2012 →

with and without Keyless System

programm No: 573

from: 2015-06-30

Table with 15 columns (OUT) and 15 rows for Toyota Alphard.

Table with 8 columns (CAN H, CAN L, CAN2-H, CAN2-L, Alter. control blinkers, Alt. contr. centr. lock) and 8 rows for Toyota Alphard.

Table with 10 columns (OUT, IN) and 10 rows for Toyota Alphard.

Table with 3 columns (Contr. of factory alarm, Contr.c.lock, when ign.is on, Horn control) and 3 rows for Toyota Alphard.

Comments:

Switches: [Icons]

**TOYOTA AURIS (Hybrid)** year: **2013** → with and without Keyless System **programm №: 338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

**TOYOTA AURIS** year: **2013** → with and without Keyless System **programm №: 338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

**TOYOTA AURIS** year: **2007** → with and without Keyless System **programm №: 138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work.

Switches:

**TOYOTA AVENSIS** year: **2012** → with and without Keyless System **programm №: 138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. Function "Comfort closure" works only when ignition is on. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA AVENSIS** year: **2009** → with and without Keyless System **programm №: 138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA CAMRY** year: **2015** → with and without Keyless System **programm №: 338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

TOYOTA CAMRY															year: 2012 →		with and without Keyless System		programm No: 338		from: 2015-06-30											
connector 15 pin															connector 8 pin						connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

TOYOTA CAMRY															year: 2007 →		with and without Keyless System		programm No: 138		from: 2015-04-24											
connector 15 pin															connector 8 pin						connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work.

Switches:

TOYOTA COROLLA															year: 2013 →		with and without Keyless System		programm No: 338		from: 2015-06-30											
connector 15 pin															connector 8 pin						connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

TOYOTA COROLLA															year: 2010 →		with and without Keyless System		programm No: 138		from: 2015-04-24											
connector 15 pin															connector 8 pin						connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work.

Switches:

TOYOTA COROLLA															year: 2007 →		with and without Keyless System		programm No: 138		from: 2015-04-24											
connector 15 pin															connector 8 pin						connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work.

Switches:

TOYOTA FJ CRUISER															year: 2007 →		without Keyless System		programm No: 138		from: 2015-04-24											
connector 15 pin															connector 8 pin						connector 10 pin											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	+	-	+	+	-	-	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work.

Switches:

**TOYOTA GT 86** year: **2012** → with and without Keyless System program No: **392** from: **2015-08-12**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**TOYOTA HIACE** year: **2006** → program No: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:

**TOYOTA HIGHLANDER** year: **2014** → with and without Keyless System program No: **486** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "Trunk release" opens the window in trunk door.

Switches:

**TOYOTA HIGHLANDER** year: **2011** → with and without Keyless System program No: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA HIGHLANDER** year: **2008** → with and without Keyless System program No: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA HILUX** year: **2013** → (automatic transmission) program No: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments:

Switches:



TOYOTA HILUX															year: 2013 →	(manual transmission)	programm No: 138	from: 2015-04-24																																		
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																				
Switches:																																																				

TOYOTA HILUX															year: 2011 →	(automatic transmission)	programm No: 138	from: 2015-04-24																																		
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																				
Switches:																																																				

TOYOTA HILUX															year: 2011 →	(manual transmission)	programm No: 138	from: 2015-04-24																																		
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments:																																																				
Switches:																																																				

TOYOTA IQ															year: 2009 →	with and without Keyless System	programm No: 138	from: 2015-04-24																																		
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work.																																																				
Switches:																																																				

TOYOTA LAND CRUISER 150 (PRADO)															year: 2012 →	with and without Keyless System	programm No: 138	from: 2015-04-24																																		
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.																																																				
Switches:																																																				

TOYOTA LAND CRUISER 150 (PRADO)															year: 2010 →	with and without Keyless System	programm No: 138	from: 2015-04-24																																		
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.																																																				
Switches:																																																				

**TOYOTA LAND CRUISER 200 (V8)** year: **2012** → with and without Keyless System program №: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA LAND CRUISER 200 (V8)** year: **2008** → with and without Keyless System program №: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA PRIUS** year: **2009** → with and without Keyless System program №: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA PROACE** year: **2013** → (with factory alarm) program №: **143** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise statuses "Factory system alarm", "Driver door sense", "Passang. door sense", "Trunk sense", "Hood sense" and function "Turn signal control" will not work.

Switches:

**TOYOTA PROACE** year: **2013** → (without factory alarm) program №: **193** from: **2015-09-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: If the car does not have the manufacturer's alarm system, then the manufacturer's alarm system should be activated (switched on) through service/diagnostic computer, otherwise status "Factory system alarm" and function "Turn signal control" will not work.

Switches:

**TOYOTA RAV4** year: **2013** → with and without Keyless System program №: **338** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA RAV4** year: **2011** → with and without Keyless System program No: **642** from: **2015-09-07**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA RAV4** year: **2006** → with and without Keyless System program No: **642** from: **2015-09-07**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA SEQUOIA** year: **2007** → with and without Keyless System program No: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" & "Driver door unlock" function does not work.

Switches:

**TOYOTA SIENNA** year: **2011** → with Keyless System only program No: **226** from: **2015-06-30**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: The module controls the windows, which are equipped with the "AUTO" function.

Switches:

**TOYOTA SIENNA** year: **2007** → program No: **633** from: **2015-06-12**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**TOYOTA SOLARA** year: **2007** → program No: **138** from: **2015-04-24**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:



**VOLVO 9700 (EURO 5)**

year: 2009 →

programm No: 494

from: 2014-03-24

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**VOLVO C30**

year: 2007 →

programm No: 123

from: 2015-07-13

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**VOLVO C70**

year: 2007 →

programm No: 123

from: 2015-07-13

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**VOLVO FH (EURO 6)**

year: 2013 →

programm No: 464

from: 2014-05-05

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments:

Switches:

**VOLVO S40**

year: 2005 →

programm No: 123

from: 2015-07-13

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**VOLVO S40**

year: 2004 →

programm No: 123

from: 2015-07-13

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Horn control

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**VOLVO S60** year: **2011** → with and without Keyless System program No: **294** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO. Function "Start engine" and "Stop engine" was turned on and turn off WEBASTO only in car with diesel engine.

Switches:

**VOLVO S60** year: **2005** → program No: **124** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO S60** year: **2003** → program No: **134** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO S80** year: **2012** → without Keyless System program No: **295** from: **2015-06-16**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

**VOLVO S80** year: **2007** → with and without Keyless System program No: **144** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "All doors unlock" opens driver's door or all doors depends from car MENU settings.

Switches:

**VOLVO S80** year: **2005** → program No: **124** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO S80** year: **2003** → **programm No: 134** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO V40 CROSS COUNTRY** year: **2015** → without Keyless System **programm No: 565** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO V40 CROSS COUNTRY** year: **2013** → without Keyless System **programm No: 414** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO V40 CROSS COUNTRY (Keyless)** year: **2013** → with Keyless System **programm No: 414** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO V50** year: **2005** → **programm No: 123** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**VOLVO V50** year: **2004** → **programm No: 123** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**VOLVO V60** year: **2011** → with and without Keyless System **programm №: 294** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO. Function "Start engine" and "Stop engine" was turn on and turn off WEBASTO only in car with diesel engine.

Switches:

**VOLVO V70** year: **2008** → with and without Keyless System **programm №: 144** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "All doors unlock" opens driver's door or all doors depends from car MENU settings.

Switches:

**VOLVO V70** year: **2005** → **programm №: 124** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO V70** year: **2003** → **programm №: 134** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO XC60** year: **2014** → with and without Keyless System **programm №: 294** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO. Function "Start engine" and "Stop engine" was turn on and turn off WEBASTO only in car with diesel engine.

Switches:

**VOLVO XC60** year: **2012** → with and without Keyless System **programm №: 294** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO. Function "Start engine" and "Stop engine" was turn on and turn off WEBASTO only in car with diesel engine.

Switches:



**VOLVO XC60** year: **2010** → with and without Keyless System **programm No: 144** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																											
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "All doors unlock" opens driver's door or all doors depends from car MENU settings.

Switches:

**VOLVO XC60** year: **2008** → with and without Keyless System **programm No: 144** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "All doors unlock" opens driver's door or all doors depends from car MENU settings.

Switches:

**VOLVO XC70** year: **2014** → with and without Keyless System **programm No: 295** from: **2015-06-16**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

**VOLVO XC70** year: **2013** → with and without Keyless System **programm No: 295** from: **2015-06-16**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

**VOLVO XC70** year: **2008** → with and without Keyless System **programm No: 144** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "All doors unlock" opens driver's door or all doors depends from car MENU settings.

Switches:

**VOLVO XC70** year: **2005** → **programm No: 124** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																	
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VOLVO XC90** year: **2016** → with Keyless System program No: **634** from: **2015-06-17**

connector 15 pin															connector 8 pin								connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN											
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

**VOLVO XC90** year: **2012** → without Keyless System program No: **124** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments:

Switches:

**VOLVO XC90** year: **2005** → program No: **124** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments:

Switches:

**VOLVO XC90** year: **2003** → program No: **134** from: **2015-07-13**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments:

Switches:

**VW AMAROK (2H)** year: **2010** → program No: **176** from: **2013-10-18**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments:

Switches:

**VW CADDY (2K)** year: **2010** → with and without Keyless System program No: **173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																					
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	+	+	+	+	+	+	+	+	+	+			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+													

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**VW CADDY (2K)**

year: **2004** →

programm No: **111**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

1	Contr. of factory alarm
+	Contr.c.lock. when ign.is on
+	Horn control

Comments:

Switches:

**VW CARAVELLE (7H)**

year: **2003** →

programm No: **161**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

1	Contr. of factory alarm
+	Contr.c.lock. when ign.is on
+	Horn control

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

**VW CARAVELLE GP (7H)**

year: **2010** →

programm No: **176**

from: **2014-12-19**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

1	Contr. of factory alarm
+	Contr.c.lock. when ign.is on
+	Horn control

Comments: Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO.

Switches:

**VW CRAFTER (2F)**

year: **2014** →

with and without Keyless System

programm No: **164**

from: **2015-02-12**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

1	Contr. of factory alarm
+	Contr.c.lock. when ign.is on
+	Horn control

Comments:

Switches:

**VW CRAFTER (2E)**

year: **2006** →

with and without Keyless System

programm No: **164**

from: **2015-02-12**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

1	Contr. of factory alarm
+	Contr.c.lock. when ign.is on
+	Horn control

Comments:

Switches:

**VW EOS (1F)**

year: **2006** →

with and without Keyless System

programm No: **111**

from: **2013-03-13**

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 8 pin							
+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-
PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

1	Contr. of factory alarm
+	Contr.c.lock. when ign.is on
+	Horn control

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW GOLF 7 (AU)															year: 2013 →										programm No: 448										from: 2015-11-06						
connector 15 pin															connector 8 pin										connector 10 pin																
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3				
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				

Comments: When the car is closed with factory remote control, the functions "All doors unlock" & "Driver door unlock" does not work. "Comfort closure" function closes mirrors, "All doors unlock" opens mirrors.

Switches:

VW GOLF 6 (1K)															year: 2008 →										with and without Keyless System										programm No: 173										from: 2015-02-18		
connector 15 pin															connector 8 pin										connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN										
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+										

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW GOLF 5 (1K)															year: 2004 →										programm No: 111										from: 2013-03-13					
connector 15 pin															connector 8 pin										connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW GOLF 5 (1K)															year: 2004 →										programm No: 262										from: 2013-03-13					
connector 15 pin															connector 8 pin										connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW GOLF 4 (1J)															year: 2002 →										programm No: 111										from: 2013-03-13					
connector 15 pin															connector 8 pin										connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW GOLF 4 (1J)															year: 1998 →										programm No: 165										from: 2013-03-13					
connector 15 pin															connector 8 pin										connector 10 pin															
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3			
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Comments:

Switches:

VW JETTA (AJ) (MexicoMarket)															year: 2015 →	with and without Keyless System								programm №: 661	from: 2015-11-20																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Switches:

VW JETTA (16)															year: 2014 →	with and without Keyless System								programm №: 587	from: 2015-02-12																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "Trunk release" works only with central locking opened. Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap. Module closes windows in two stages (first front, then rear). Switches:

VW JETTA (1K)															year: 2010 →	with and without Keyless System								programm №: 173	from: 2015-02-18																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "Trunk release" works only with central locking opened. Switches:

VW JETTA (1K)															year: 2005 →	with and without Keyless System								programm №: 111	from: 2013-03-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "Trunk release" works only with central locking opened. Switches:

VW MULTIVAN (7H)															year: 2003 →	with and without Keyless System								programm №: 161	from: 2013-03-13																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work when the central locking is open, "Trunk release" way-in opens and closes rear passenger doors. Switches:

VW MULTIVAN GP (7H)															year: 2010 →	with and without Keyless System								programm №: 176	from: 2014-12-19																											
connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Comments: Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO. Switches:

VW NEW BEETLE (1C / 9C)															year: 2002 →	programm №: 166								from: 2013-03-13								
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

VW NEW BEETLE (1C / 9C)															year: 1998 →	programm №: 165								from: 2013-03-13								
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

VW PASSAT B8 (3C)															year: 2015 →	without Keyless System								programm №: 673	from: 2015-12-09							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Module closes windows in two stages (first front, then rear).

Switches:

VW PASSAT B7 (3C)															year: 2011 →	with and without Keyless System								programm №: 173	from: 2015-02-18							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

VW PASSAT B6 (3C)															year: 2005 →	with and without Keyless System								programm №: 111	from: 2013-03-13							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW PASSAT B5 (3B)															year: 2001 →	with and without Keyless System								programm №: 111	from: 2013-03-13							
connector 15 pin															connector 8 pin								connector 10 pin									
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**VW PASSAT B5 (3B)** year: **1998** → program No: **165** from: **2014-01-03**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VW PASSAT CC (3C)** year: **2012** → with and without Keyless System program No: **173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VW PASSAT CC (3C)** year: **2009** → with and without Keyless System program No: **111** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**VW PHAETON (3D)** year: **2003** → with and without Keyless System program No: **122** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VW POLO (61) (Sedan)** year: **2011** → program No: **262** from: **2013-12-13**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VW POLO (6R)** year: **2009** → program No: **176** from: **2013-10-18**

connector 15 pin															connector 8 pin								connector 10 pin																			
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN								
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

VW POLO (9N)															year: 2005 →										programm No: 161										from: 2013-03-13		
connector 15 pin															connector 8 pin										connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1				
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

VW SCIROCCO (13)															year: 2010 →										with and without Keyless System										programm No: 173										from: 2015-02-18		
connector 15 pin															connector 8 pin										connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1														
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW SCIROCCO (13)															year: 2008 →										with and without Keyless System										programm No: 111										from: 2013-03-13		
connector 15 pin															connector 8 pin										connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1														
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														

Comments:

Switches:

VW SHARAN (7N)															year: 2010 →										with and without Keyless System										programm No: 173										from: 2015-02-18		
connector 15 pin															connector 8 pin										connector 10 pin																						
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN														
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1														
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+														

Comments: Function "Trunk release" works only with central locking opened. In some cars output "Window roll-down" and "Comfort closure" may not work.

Switches:

VW T5 (7H)															year: 2003 →										programm No: 161										from: 2013-03-13		
connector 15 pin															connector 8 pin										connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1				
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

VW T5 GP (7H)															year: 2010 →										programm No: 176										from: 2014-12-19		
connector 15 pin															connector 8 pin										connector 10 pin												
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN				
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1				
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				

Comments: Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO.

Switches:



**VW TIGUAN (5N)** year: **2013** → with and without Keyless System **programm №: 524** from: **2014-07-01**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VW TIGUAN (5N)** year: **2010** → with and without Keyless System **programm №: 173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**VW TIGUAN (5N)** year: **2007** → with and without Keyless System **programm №: 111** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

**VW TOUAREG (7P)** year: **2010** → with and without Keyless System **programm №: 273** from: **2015-11-06**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: When the car is closed with factory remote control, "Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap, function "All doors unlock" doesn't unlock fuel filler flap. Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO.

Switches:

**VW TOUAREG (7L)** year: **2003** → with and without Keyless System **programm №: 122** from: **2013-03-13**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments:

Switches:

**VW TOURAN (1T)** year: **2010** → with and without Keyless System **programm №: 173** from: **2015-02-18**

connector 15 pin															connector 8 pin								connector 10 pin																													
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN																		
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr.c.lock. when lgn.is on	Horn control																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10										
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW TOURAN (1T)															year: 2003 →								programm №: 111										from: 2013-03-13				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-		

Comments: Function "Trunk release" works only with central locking opened.

Switches:

VW TRANSPORTER (7H)															year: 2003 →								programm №: 161										from: 2013-03-13				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-		

Comments: When the car is closed with factory remote control, "All doors unlock" function does not work.

Switches:

VW TRANSPORTER GP (7H)															year: 2010 →								programm №: 176										from: 2014-12-19				
connector 15 pin															connector 8 pin								connector 10 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	+	-	CAN H	CAN L	CAN H	CAN L	OUT +/-	OUT +/-	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN			
Driver door sensor	Passengers door sensor	Trunk sense	Hood sense	Factory alarm++	Armed state	Lock factory remote	Unlock factory remote	Switches combination	Handbrake / Parking	Speed 10kmph	Engine run	Engine speed (RPM)	Ignition	Key in ignition	PWR +12V	GND	CAN1-H	CAN1-L	CAN2-H	CAN2-L	Alter. control blinkers	Alt. contr. centr. lock.	Footbrake	Drivers door opening sim.	Stop engine	Start engine	Comfort closure	Trunk release	All doors unlock	Driver door unlock	All doors lock	Turn signal control	Contr. of factory alarm	Contr. c.lock. when ign.is on	Horn control		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	1	2	3		
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-		

Comments: Function "Start engine" turns on WEBASTO. Function "Stop engine" turns off WEBASTO.

Switches:

**Attention:**

- Alternative control.
- The function is available depending vehicle's equipment.










































































When the number of program for the selected car is set, it is possible to change the default function "Drivers door opening sim." on input 2/10 by entering the following number of program:

- 991 - sets function "Horn control" on 2/10 input
- 992 - restores function "Drivers door opening sim." on 2/10 input

When entering the number of program for the selected car the function "Drivers door opening sim." is set by default on 2/10 input

**Legend:**

VOLUME UP	VOLUME DOWN	UP
DOWN	RIGHT	LEFT
FFW	RRW	SEEK
TRACK	VOL/PUSH	FRONT GLASS HEATING
REAR GLASS HEATING	STERLING WHEEL HEATING	HEATING SEAT DRIV.
HEATING SEAT PASS.	VENTILATION SEAT DRIV.	VENTILATION SEAT PASS.
HIGHER GEAR	LOWER GEAR	4WD AUTO
4WD LOCK	4WD LOW	2WD
SUSPENSION UP	SUSPENSION DOWN	SUSPENSION MODE
STEERING MODE	CLOSED CIRCUIT	INCREASE FAN

 DECREASE FAN	 FAN MODE	 INCREASE TEMPERATURE
 DECREASE TEMPERATURE	 SET TIRE PRESSURE	 PARK ASSIST
 LANE ASSIST	 PARKTRONIC OFF	 WEBASTO
 ESP_OFF	 i-stop OFF	 RVM
 LC	 A/C	 CLIMATE
 AFS OFF	 SPORT	 NORMAL
 ECO	 HEIGHT HIGH	 SNOW
 SRC	 TOUR	 READ
 RESET	 MODE	 ENTER
 OK	 HOME	 AUTO
 ESC	 OFF	 CLIMATE BACK
 LIST	 MEM	 NAVI
 MAP	 AUDIO	 MUSIC
 RADIO	 DISC/AUX	 FM/AM
 DISPLAY	 TEL	 MEDIA
 SOURCE	 INFO	 MAIN
 ODO/TRIP	 SEETING'S	 MENU
 MENU OUT	 HANDBRAKE	 FOOTBRAKE
 ACCELERATOR	 THE STICK'S SWITCH OF THE AUTOMATIC TRANSMISSION	 E/P
 L	 FRONT LEFT DOOR WINDOW	 FRONT RIGHT DOOR WINDOW
 REAR RIGHT DOOR WINDOW	 REAR LEFT DOOR WINDOW	 LEFT OUTER MIRROR LEFT
 LEFT OUTER MIRROR RIGHT	 LEFT OUTER MIRROR UP	 LEFT OUTER MIRROR DOWN
 RIGHT OUTER MIRROR LEFT	 RIGHT OUTER MIRROR RIGHT	 RIGHT OUTER MIRROR UP
 RIGHT OUTER MIRROR DOWN	 FRONT FOG LIGHTS	 REAR FOG LIGHTS
 CANCEL CRUISE	 CRUISE	 RESUME CRUISE
 SET CRUISE	 SET+	 SET-
 ASL- Automatic Speed Limiter	 INCREASE THE DISTANCE FROM VEHICLE	 DECREASE THE DISTANCE FROM VEHICLE
 ADAPTIVE CRUISE CONTROL	 HILL DESCENT CONTROL	 SPEAKERPHONE



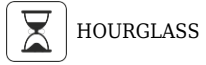
SPEAKERPHONE OFF



MUTE



DARKER



HOURGLASS



1



4



7



0



C



CALL



CONTRAST



BRIGHTER/DARKER



PLUS



2



5



8



Star



END CALL



BRIGHTER



RHOMBUS



MINUS



3



6



9



Grid