[en]=> P177

ACURA MDX

year: **2007 →** programme №: **167** 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	Speed 10kmph	Engine run	Egine 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
1		1

Comments:

Switches:

ACURA RDX

year: **2010 →** with and without Keyless System programme №: **113** 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	Speed 10kmph	Engine run	Egine 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: 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:

ACURA RDX

year: **2007 →** with and without Keyless System programme №: **113** 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	Speed 10kmph	Engine run	Egine 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: 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:

ACURA TL

year: **2004 →** programme №: **167** 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	Speed 10kmph	Engine run	Egine 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: 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:

ACURA TSX

year: **2009 →** programme №: **169** 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	Speed 10kmph	Engine run	Egine 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:

ACURA TSX

year: **2004 →** programme №: **167** 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	Speed 10kmph	Engine run	Egine 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: 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:

[en]=> P177

ALFA ROMEO 147

year: **2005 →** programme №: **128** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

ALFA ROMEO 159

year: **2005 →** programme №: **128** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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 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:

ALFA ROMEO BRERA

year: **2008 →** programme №: **128** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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: Func. "Driver door unlock" = func "All doors unlock""; Func. "Comfort closure" works only when the central lock is closed; Func. "Window roll-down" works only when the central lock is opened.

Switches:

ALFA ROMEO GIULIETTA

year: **2010 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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:

ALFA ROMEO GT

year: **2005 →** programme №: **128** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

ALFA ROMEO MITO

year: **2009 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

ASTON MARTIN VANTAGE V8

year: 2009 → with and without Keyless System **programme №:** 397 **from:** 2013-05-20

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	Speed 10kmph	Engine run	Egine 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:

AUDI A1 (8X)

year: 2010 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: FL FR RR RL

AUDI A3 / S3 (8P)

year: 2010 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: FL FR RR RL

AUDI A3 / S3 (8P)

year: 2003 → **programme №:** 136 **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	Speed 10kmph	Engine run	Egine 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:

AUDI A4 (FL)

year: 2012 → with and without Keyless System **programme №:** 158 **from:** 2013-11-25

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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work. Function "All doors lock" doesn't lock fuel filler flap.

Switches: MODE OK FL FR RR RL

AUDI A4 / S4 (8K)

year: 2008 → with and without Keyless System **programme №:** 158 **from:** 2013-11-25

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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches: FL FR RR RL

[en]=> P177

AUDI A4 / S4 (8E)

year: **2005 →** | programme №: **132** | 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	Speed 10kmph	Engine run	Egine 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: P, ~

AUDI A4 / S4 (8E)

year: **2001 →** | programme №: **132** | 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	Speed 10kmph	Engine run	Egine 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: P

AUDI A5 / S5 (8T)

year: **2007 →** with and without Keyless System | programme №: **158** | from: **2013-11-25**

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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches: P, ~, FL, FR

AUDI A6 (4G)

year: **2011 →** with and without Keyless System | programme №: **273** | 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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches: P, ~

AUDI A6 (4B)

year: **1998 →** | programme №: **262** | 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	Speed 10kmph	Engine run	Egine 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: P, ~

AUDI A6 / S6 / RS6 (4F)

year: **2005 →** with and without Keyless System | programme №: **131** | from: **2013-04-12**

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	Speed 10kmph	Engine run	Egine 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: P, ~

[en]=> P177

AUDI A7 (4G)

year: 2010 → with and without Keyless System **programme №:** 273 **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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches: P, ⟲

AUDI A8 (4H)

year: 2010 → with and without Keyless System **programme №:** 273 **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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches: P, ⟲

AUDI A8 / S8 (4E)

year: 2003 → with and without Keyless System **programme №:** 171 **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	Speed 10kmph	Engine run	Egine 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: P, ⟲

AUDI ALLROAD (4F)

year: 2006 → with and without Keyless System **programme №:** 131 **from:** 2013-04-12

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	Speed 10kmph	Engine run	Egine 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: P, ⟲

AUDI Q5 (8R)

year: 2008 → with and without Keyless System **programme №:** 158 **from:** 2013-11-25

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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches: P, ⟲, FL, FR, RR, RL

AUDI Q7 (4L)

year: 2005 → with and without Keyless System **programme №:** 131 **from:** 2013-04-12

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	Speed 10kmph	Engine run	Egine 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: P, ⟲

[en]=> P177

AUDI R8 (42)

year: **2008 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ~

AUDI TT (8J)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ~, FL, FR

AUDI TT / TTS (8J)

year: **2006 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ~

BENTLEY CONTINENTAL GT (3W)

year: **2005 →** with and without Keyless System programme №: **211** 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	Speed 10kmph	Engine run	Egine 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: ~

BMW 1 (F20)

year: **2011 →** with and without Keyless System programme №: **275** from: **2013-07-10**

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	Speed 10kmph	Engine run	Egine 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: P, ~

BMW 1 (E81 / E82 / E87 / E88)

year: **2004 →** with and without Keyless System programme №: **118** from: **2014-03-26**

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches: P, ~

[en]=> P177

BMW 3 (F30)

year: 2012 → with and without Keyless System **programme №:** 275 **from:** 2013-07-10

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	Speed 10kmph	Engine run	Egine 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:

BMW 3 (E90 / E91 / E92 / E93)

year: 2005 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. 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 **programme №:** 458 **from:** 2013-12-03

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	Speed 10kmph	Engine run	Egine 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: MODE OK FL FR

BMW 4 (F32)

year: 2013 → with and without Keyless System **programme №:** 457 **from:** 2013-12-03

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	Speed 10kmph	Engine run	Egine 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: MODE OK FL FR

BMW 5 (F18)

year: 2010 → with and without Keyless System **programme №:** 275 **from:** 2013-07-10

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	Speed 10kmph	Engine run	Egine 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:

BMW 5 (F10 / F11)

year: 2010 → with and without Keyless System **programme №:** 275 **from:** 2013-07-10

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

BMW 5 (E60 / E61)

year: 2003 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

BMW 6 (E63 / E64)

year: 2005 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. 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 **programme №:** 275 **from:** 2013-07-10

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	Speed 10kmph	Engine run	Egine 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:

BMW 7 (E65 / E66)

year: 2005 → without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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:

BMW 7 (E65 / E66)

year: 2005 → with Keyless System **programme №:** 137 **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	Speed 10kmph	Engine run	Egine 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:

BMW GT (F07)

year: 2009 → with and without Keyless System **programme №:** 275 **from:** 2013-07-10

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

BMW X1 (E84)

year: 2009 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. 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 **programme №:** 351 **from:** 2013-12-03

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	Speed 10kmph	Engine run	Egine 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:

BMW X5 (F15)

year: 2013 → with and without Keyless System **programme №:** 457 **from:** 2013-12-03

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	Speed 10kmph	Engine run	Egine 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:

BMW X5 (E70)

year: 2007 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

BMW X6 (E71)

year: 2008 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

BMW Z4 (E89)

year: 2009 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. Function "All doors unlock"" and "All doors lock" works like driver's door lock.

Switches:

[en]=> P177

CADILLAC ATS

year: **2013 →** with and without Keyless System programme №: **425** 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	Speed 10kmph	Engine run	Egine 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:

CADILLAC BLS

year: **2006 →** programme №: **126** 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	Speed 10kmph	Engine run	Egine 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:

CADILLAC CTS

year: **2008 →** programme №: **227** 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	Speed 10kmph	Engine run	Egine 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 "Turn signal control" control lights and siren.

Switches:

CADILLAC CTS COUPE

year: **2010 →** programme №: **227** 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	Speed 10kmph	Engine run	Egine 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 "Turn signal control" control lights and siren.

Switches:

CADILLAC ESCALADE

year: **2007 →** programme №: **198** 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	Speed 10kmph	Engine run	Egine 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 "Trunk release" opens the window in trunk door; function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door.

Switches:

CADILLAC SRX

year: **2010 →** with and without Keyless System programme №: **183** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

CADILLAC SRX

year: **2007 →** programme №: **198** 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	Speed 10kmph	Engine run	Egine 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 "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door.

Switches:

CADILLAC STS

year: **2008 →** with and without Keyless System programme №: **229** 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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET AVEO

year: **2011 →** with and without Keyless System programme №: **243** from: **2013-09-13**

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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET CAPTIVA

year: **2014 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" opens the window in trunk door. Function "Turn signal control" control lights and siren.

Switches:

CHEVROLET CAPTIVA

year: **2011 →** programme №: **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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET CAPTIVA

year: **2007 →** programme №: **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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET COBALT

year: 2012 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET CRUZE

year: 2009 → with and without Keyless System **programme №:** 243 **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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET MALIBU

year: 2013 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET ORLANDO

year: 2010 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET TAHOE

year: 2008 → **programme №:** 198 **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" opens the window in trunk door; function "Turn signal control" control lights and siren; function "Comfort closure" opens/closes trunk door.

Switches:

CHEVROLET TRAILBLAZER

year: 2012 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

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	Speed 10kmph	Engine run	Egine 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:

CHEVROLET TRAX

year: **2013 →** with and without Keyless System programme №: **243** from: **2013-09-13**

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	Speed 10kmph	Engine run	Egine 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:

CHRYSLER 300C

year: **2005 →** with and without Keyless System programme №: **116** 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	Speed 10kmph	Engine run	Egine 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:

CHRYSLER GRAND VOYAGER

year: **2011 →** with and without Keyless System programme №: **245** from: **2013-12-18**

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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

CHRYSLER GRAND VOYAGER

year: **2008 →** programme №: **135** 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	Speed 10kmph	Engine run	Egine 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:

CHRYSLER GRAND VOYAGER

year: **2008 →** programme №: **245** 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	Speed 10kmph	Engine run	Egine 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. 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 programme №: **116** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

CHRYSLER SEBRING

year: **2007 →** with and without Keyless System programme №: **116** 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	Speed 10kmph	Engine run	Egine 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:

CITROEN BERLINGO MULTISPACE

year: **2012 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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

year: **2008 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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 BERLINGO

year: **2008 →** (without factory alarm) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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

year: **2003 →** programme №: **292** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

CITROEN BERLINGO

year: **2003 →** programme №: **292** 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	Speed 10kmph	Engine run	Egine 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: Ⓟ Ⓝ

CITROEN C-CROSSER

year: **2007 →** with and without Keyless System programme №: **142** from: **2013-04-18**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ Ⓝ

CITROEN C-ELYSEE

year: **2013 →** programme №: **298** from: **2013-11-04**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

CITROEN C2

year: **2006 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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: Ⓟ Ⓝ

[en]=> P177

CITROEN C3

year: 2010 → (without factory alarm) **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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: 2006 → (with factory alarm) **programme №:** 143 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 C3

year: 2006 → (without factory alarm) **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 PICASSO

year: 2009 → (with factory alarm) **programme №:** 143 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 C3 PICASSO

year: 2009 → **programme №:** 192 **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	Speed 10kmph	Engine run	Egine 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: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches: Ⓟ Ⓝ

CITROEN C3 PICASSO

year: 2009 → **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 EXCLUSIVE

year: **2013 →** | programme №: **298** | from: **2013-11-04**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

CITROEN C4

year: **2013 →** | programme №: **298** | from: **2013-11-04**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

CITROEN C4 AIRCROSS

year: **2013 →** with and without Keyless System | programme №: **451** | from: **2013-11-04**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

CITROEN C4

year: **2011 →** | programme №: **298** | from: **2013-11-04**

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	Speed 10kmph	Engine run	Egine 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: 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) | programme №: **143** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) | programme №: **193** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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 PICASSO

year: **2007 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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 →** programme №: **192** 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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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: 2004 → (without factory alarm) **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 C6

year: 2005 → (with factory alarm) **programme №:** 143 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 C6

year: 2005 → (without factory alarm) **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 C8

year: 2002 → (with factory alarm) **programme №:** 143 **from:** 2014-03-11

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	Speed 10kmph	Engine run	Egine 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: 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 C8

year: 2002 → (without factory alarm) **programme №:** 193 **from:** 2014-03-11

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	Speed 10kmph	Engine run	Egine 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: 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 DS3

year: 2010 → (with factory alarm) **programme №:** 143 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 DS3

year: **2010 →** (without factory alarm)

programme №: **193**

from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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 JUMPER

year: **2011 →**

programme №: **127**

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	Speed 10kmph	Engine run	Egine 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:

CITROEN JUMPER

year: **2011 →**

programme №: **129**

from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

CITROEN JUMPER

year: **2006 →**

programme №: **129**

from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

CITROEN JUMPY3

year: **2007 →** (with factory alarm)

programme №: **143**

from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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)

programme №: **193**

from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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 →** | programme №: **127** | 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	Speed 10kmph	Engine run	Egine 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:

CITROEN XSARA PICASSO

year: **2004 →** | programme №: **292** | 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	Speed 10kmph	Engine run	Egine 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:

DACIA DOKKER

year: **2012 →** | programme №: **372** | from: **2013-10-14**

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	Speed 10kmph	Engine run	Egine 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:

DACIA LODGY

year: **2012 →** | programme №: **372** | from: **2013-10-14**

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	Speed 10kmph	Engine run	Egine 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:

DACIA LOGAN II

year: **2013 →** | programme №: **372** | from: **2013-10-14**

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	Speed 10kmph	Engine run	Egine 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:

DACIA LOGAN MCV II

year: **2013 →** | programme №: **372** | from: **2013-10-14**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

DACIA SANDERO

year: **2012 →** | programme №: **372** | from: **2013-10-14**

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	Speed 10kmph	Engine run	Egine 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:

DACIA SANDERO STEPWAY

year: **2012 →** | programme №: **372** | from: **2013-10-14**

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	Speed 10kmph	Engine run	Egine 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:

DODGE AVANGER

year: **2007 →** with and without Keyless System | programme №: **116** | 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	Speed 10kmph	Engine run	Egine 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: MODE

DODGE CALIBER

year: **2006 →** with and without Keyless System | programme №: **116** | 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	Speed 10kmph	Engine run	Egine 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:

DODGE DURANGO

year: **2004 →** with and without Keyless System | programme №: **116** | 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	Speed 10kmph	Engine run	Egine 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:

DODGE JOURNEY

year: **2008 →** | programme №: **135** | 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

DODGE JOURNEY

year: **2008 →** programme №: **245** 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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches: P, N, R

DODGE MAGNUM

year: **2005 →** with and without Keyless System programme №: **116** 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	Speed 10kmph	Engine run	Egine 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: P, N, R

DODGE NITRO

year: **2007 →** programme №: **135** 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	Speed 10kmph	Engine run	Egine 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: P, N, R

DODGE NITRO

year: **2007 →** programme №: **245** 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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches: P, N

DODGE RAM 1500

year: **2013 →** with and without Keyless System programme №: **332** 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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches: GEAR+, GEAR-, 4WD LOCK, 4WD LOW, MODE, OK, SET-

DODGE RAM

year: **2009 →** programme №: **245** from: **2013-12-18**

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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches: P, N, R

[en]=> P177

DODGE RAM

year: **2006 →** with and without Keyless System programme №: **116** 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	Speed 10kmph	Engine run	Egine 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
1	2	3
+		+

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

Switches: Ⓟ ⓝ

FIAT 500

year: **2007 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓝ

FIAT 500L

year: **2013 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓝ

FIAT BRAVO

year: **2007 →** programme №: **129** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓝ

FIAT CROMA

year: **2005 →** programme №: **128** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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 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: **2010 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓝ

[en]=> P177

FIAT DOBLO

year: **2006 →** | programme №: **112** | from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

FIAT DOBLO

year: **2001 →** | programme №: **263** | 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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

FIAT DUCATO

year: **2011 →** | programme №: **127** | 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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

FIAT DUCATO

year: **2011 →** | programme №: **129** | from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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	–	–	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: Ⓟ ⓦ

FIAT DUCATO

year: **2006 →** | programme №: **129** | from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

FIAT FIORINO

year: **2008 →** | programme №: **127** | 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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

FIAT FREEMONT

year: **2011 →** with and without Keyless System programme №: **332** 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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

FIAT GRANDE PUNTO

year: **2009 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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:

FIAT GRANDE PUNTO

year: **2006 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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:

FIAT LINEA

year: **2007 →** programme №: **146** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

FIAT PANDA II

year: **2004 →** programme №: **112** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

FIAT PANDA III

year: **2012 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

FIAT PUNTO EVO

year: **2009 →** | programme №: **127** | 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	Speed 10kmph	Engine run	Egine 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:

FIAT QUBO

year: **2008 →** | programme №: **127** | 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	Speed 10kmph	Engine run	Egine 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:

FIAT SCUDO

year: **2007 →** (with factory alarm) | programme №: **143** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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:

FIAT SCUDO

year: **2007 →** (without factory alarm) | programme №: **193** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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:

FIAT SEDICI

year: **2006 →** without Keyless System | programme №: **115** | from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

FIAT SEDICI

year: **2006 →** with Keyless System only | programme №: **115** | from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

[en]=> P177

FIAT STILO

year: **2006 →** programme №: **112** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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: P, ~

FIAT ULYSSE

year: **2007 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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: P, ~

FIAT ULYSSE

year: **2007 →** (without factory alarm) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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: P, ~

FORD C-MAX

year: **2010 →** with and without Keyless System programme №: **276** from: **2013-11-05**

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	Speed 10kmph	Engine run	Egine 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: P, ~

FORD C-MAX

year: **2003 →** programme №: **121** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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: P, ~, ⌁

FORD C-MAX (GHIA)

year: **2003 →** with and without Keyless System programme №: **121** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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: P, ~, ⌁, FL, FR, RR, RL, ⊘, ↻, ↻, ↻

[en]=> P177

FORD EXPLORER

year: **2011 →** with and without Keyless System programme №: **424** from: **2013-06-20**

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	Speed 10kmph	Engine run	Egine 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: P, N

FORD F250 SUPER DUTY

year: **2008 →** programme №: **456** from: **2013-11-26**

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	Speed 10kmph	Engine run	Egine 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: P, N, key

FORD FIESTA

year: **2009 →** with and without Keyless System programme №: **175** 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	Speed 10kmph	Engine run	Egine 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: P, N

FORD FIESTA

year: **2006 →** programme №: **172** from: **2013-08-28**

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	Speed 10kmph	Engine run	Egine 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: P, N, key

FORD FOCUS (TITANIUM)

year: **2011 →** with and without Keyless System programme №: **276** from: **2013-11-18**

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	Speed 10kmph	Engine run	Egine 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: P, N

FORD FOCUS (TREND SPORT)

year: **2011 →** without Keyless System programme №: **276** from: **2013-11-18**

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	Speed 10kmph	Engine run	Egine 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: P, N

[en]=> P177

FORD FOCUS (TREND)

year: **2011 →** without Keyless System | programme №: **454** | from: **2013-11-18**

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	Speed 10kmph	Engine run	Egine 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:

FORD FOCUS

year: **2007 →** | programme №: **121** | from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

FORD FOCUS (GHIA)

year: **2007 →** with and without Keyless System | programme №: **121** | from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

FORD FOCUS (GHIA)

year: **2005 →** with and without Keyless System | programme №: **121** | from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

FORD FOCUS

year: **2005 →** | programme №: **121** | from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

FORD FUSION

year: **2006 →** | programme №: **172** | from: **2013-08-28**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

FORD GALAXY

year: **2010 →** programme №: **133** 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	Speed 10kmph	Engine run	Egine 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:

FORD GALAXY

year: **2006 →** with and without Keyless System programme №: **133** 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	Speed 10kmph	Engine run	Egine 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:

FORD GRAND-C-MAX

year: **2010 →** with and without Keyless System programme №: **276** from: **2013-11-05**

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	Speed 10kmph	Engine run	Egine 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:

FORD Ka

year: **2009 →** programme №: **194** 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	Speed 10kmph	Engine run	Egine 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:

FORD KUGA

year: **2013 →** with and without Keyless System programme №: **276** from: **2013-11-05**

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	Speed 10kmph	Engine run	Egine 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:

FORD KUGA

year: **2008 →** programme №: **121** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

FORD MONDEO

year: 2011 → with and without Keyless System **programme №:** 133 **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	Speed 10kmph	Engine run	Egine 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:

FORD MONDEO

year: 2007 → with and without Keyless System **programme №:** 133 **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	Speed 10kmph	Engine run	Egine 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:

FORD MUSTANG SHELBY GT500

year: 2013 → **programme №:** 459 **from:** 2013-12-05

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	Speed 10kmph	Engine run	Egine 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: Before using the remote “Trunk open” switch you need to disarm the alarm.

Switches:

FORD MUSTANG

year: 2010 → with and without Keyless System **programme №:** 281 **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	Speed 10kmph	Engine run	Egine 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:

FORD MUSTANG GT

year: 2007 → **programme №:** 396 **from:** 2013-05-15

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	Speed 10kmph	Engine run	Egine 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:

FORD RANGER (T6)

year: 2012 → **programme №:** 462 **from:** 2013-12-14

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

FORD S-MAX

year: **2010 →** with and without Keyless System programme №: **133** 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	Speed 10kmph	Engine run	Egine 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: P, ⟲

FORD S-MAX

year: **2007 →** with and without Keyless System programme №: **133** 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	Speed 10kmph	Engine run	Egine 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: P, ⟲

FORD TOURNEO

year: **2007 →** programme №: **247** 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	Speed 10kmph	Engine run	Egine 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: P

FORD TOURNEO CONNECT

year: **2010 →** programme №: **172** from: **2013-08-28**

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	Speed 10kmph	Engine run	Egine 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: ⟲, 🚗

FORD TOURNEO CUSTOM

year: **2012 →** programme №: **422** from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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: Double blocking of the car (press "CLOSE" twice on remote) will arm an alarm.It must be cut off cntrol from lock insert, otherwise alarm will be disarmed.

Switches: P, ⟲, 🚗

FORD TRANSIT

year: **2006 →** programme №: **247** 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	Speed 10kmph	Engine run	Egine 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: P

[en]=> P177

FORD TRANSIT CONNECT

year: **2010 →** | programme №: **172** | from: **2013-08-28**

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	Speed 10kmph	Engine run	Egine 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:

FORD TRANSIT CONNECT

year: **2006 →** | programme №: **172** | from: **2013-08-28**

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	Speed 10kmph	Engine run	Egine 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:

HONDA ACCORD

year: **2013 →** with and without Keyless System | programme №: **169** | 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	Speed 10kmph	Engine run	Egine 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:

HONDA ACCORD

year: **2008 →** | programme №: **169** | 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	Speed 10kmph	Engine run	Egine 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:

HONDA ACCORD

year: **2003 →** | programme №: **167** | 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	Speed 10kmph	Engine run	Egine 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: 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 ACCORD COUPE

year: **2008 →** | programme №: **169** | 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

HONDA CITY

year: **2009 →** programme №: **113** 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	Speed 10kmph	Engine run	Egine 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: In version with factory security system function "Turn signal control" will control lights and siren.

Switches:

HONDA CIVIC

year: **2012 →** without Keyless System programme №: **169** 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	Speed 10kmph	Engine run	Egine 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:

HONDA CIVIC

year: **2012 →** with Keyless System programme №: **345** 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	Speed 10kmph	Engine run	Egine 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:

HONDA CIVIC

year: **2006 →** programme №: **113** 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	Speed 10kmph	Engine run	Egine 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: 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 CR-V

year: **2012 →** without Keyless System programme №: **345** 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	Speed 10kmph	Engine run	Egine 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:

HONDA CR-V

year: **2007 →** programme №: **113** 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	Speed 10kmph	Engine run	Egine 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: 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:

[en]=> P177

HONDA CROSSTOUR

year: **2011 →** programme №: **169** 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	Speed 10kmph	Engine run	Egine 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
1	2	3
+	+	+

Comments:

Switches: P

HONDA FIT

year: **2007 →** programme №: **113** 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	Speed 10kmph	Engine run	Egine 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
1	2	3
+		+

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

Switches: P

HONDA INSIGHT

year: **2009 →** programme №: **113** 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	Speed 10kmph	Engine run	Egine 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
1	2	3
+		+

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

Switches: P

HONDA JAZZ

year: **2009 →** programme №: **113** 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	Speed 10kmph	Engine run	Egine 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
1	2	3
+		+

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

Switches: P

HONDA LEGEND

year: **2005 →** programme №: **212** 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	Speed 10kmph	Engine run	Egine 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
1	2	3
+		+

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: P

HONDA ODYSSEY

year: **2011 →** programme №: **189** from: **2013-09-19**

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	Speed 10kmph	Engine run	Egine 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: P

[en]=> P177

HONDA ODYSSEY

year: **2006 →** | programme №: **167** | 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	Speed 10kmph	Engine run	Egine 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:

HONDA PILOT

year: **2012 →** | programme №: **189** | from: **2013-09-19**

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	Speed 10kmph	Engine run	Egine 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: In version with factory security system it will controll "Turn signal control" function.

Switches:

HONDA PILOT

year: **2009 →** | programme №: **189** | from: **2013-09-19**

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	Speed 10kmph	Engine run	Egine 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: In European version function may not work "Turn signal control".

Switches:

HUMMER H2

year: **2008 →** | programme №: **198** | 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	Speed 10kmph	Engine run	Egine 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 "Turn signal control" control lights and siren.

Switches:

HYUNDAI ELANTRA

year: **2013 →** with Keyless System only | programme №: **419** | from: **2014-02-22**

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	Speed 10kmph	Engine run	Egine 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: SET+ SET-

HYUNDAI ELANTRA

year: **2013 →** without Keyless System | programme №: **419** | from: **2014-02-22**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI ELANTRA

year: **2010 →** without Keyless System programme №: **244** from: **2014-03-25**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI EQUUS

year: **2010 →** with and without Keyless System programme №: **235** 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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI GENESIS

year: **2009 →** with and without Keyless System programme №: **235** 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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI GRAND STAREX HVX

year: **2011 →** programme №: **236** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI GRANDEUR

year: **2012 →** with Keyless System programme №: **427** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI GRANDEUR

year: **2007 →** programme №: **152** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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: Status "Passang. door sense" supports status "Driver door sense"; function "All doors lock" is not closing the trunk.

Switches:

[en]=> P177

HYUNDAI i30

year: **2012 →** | without Keyless System | programme №: **299** | from: **2014-02-15**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI i40

year: **2011 →** | with Keyless System only | programme №: **417** | from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI i40

year: **2011 →** | without Keyless System | programme №: **437** | from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI i45 SONATA

year: **2011 →** | without Keyless System | programme №: **244** | from: **2014-03-25**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI i45 SONATA

year: **2011 →** | with Keyless System only | programme №: **244** | from: **2014-03-25**

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI ix20

year: **2010 →** | without Keyless System | programme №: **244** | from: **2014-03-25**

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	Speed 10kmph	Engine run	Egine 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: NOTE TO USER: Disarming the alarm from factory remote is possible only if all doors are closed.

Switches:

[en]=> P177

HYUNDAI ix35

year: 2013 → | with Keyless System only | programme №: 244 | from: 2014-03-25

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI ix35

year: 2013 → | without Keyless System | programme №: 244 | from: 2014-03-25

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI ix35

year: 2010 → | without Keyless System | programme №: 244 | from: 2014-03-25

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI ix35

year: 2010 → | with Keyless System only | programme №: 244 | from: 2014-03-25

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI ix55

year: 2009 → | with and without Keyless System | programme №: 152 | from: 2013-10-07

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI SANTA FE

year: 2013 → | with Keyless System only | programme №: 386 | from: 2013-10-07

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

HYUNDAI SANTA FE

year: 2013 → | without Keyless System | **programme №:** 426 | **from:** 2013-10-07

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI SOLARIS

year: 2011 → | with Keyless System only | **programme №:** 296 | **from:** 2013-10-07

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	Speed 10kmph	Engine run	Egine 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:

HYUNDAI VELOSTER

year: 2011 → | with Keyless System | **programme №:** 416 | **from:** 2014-02-18

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	Speed 10kmph	Engine run	Egine 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:

INFINITI EX35 / EX37 / EX50

year: 2010 → | with and without Keyless System | **programme №:** 249 | **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	Speed 10kmph	Engine run	Egine 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:

INFINITI EX35 / EX37 / EX50

year: 2008 → | with and without Keyless System | **programme №:** 216 | **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	Speed 10kmph	Engine run	Egine 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:

INFINITI FX30D

year: 2012 → | with and without Keyless System | **programme №:** 249 | **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	Speed 10kmph	Engine run	Egine 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:

INFINITI FX35 / FX37 / FX50

year: 2010 → with and without Keyless System **programme №:** 249 **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	Speed 10kmph	Engine run	Egine 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: Ⓟ Ⓝ

INFINITI FX35 / FX37 / FX50

year: 2008 → with and without Keyless System **programme №:** 216 **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	Speed 10kmph	Engine run	Egine 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: Ⓟ Ⓝ

INFINITI G25 / G35 / G37

year: 2010 → with and without Keyless System **programme №:** 249 **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	Speed 10kmph	Engine run	Egine 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: Ⓟ Ⓝ

INFINITI G25 / G35 / G37

year: 2007 → with and without Keyless System **programme №:** 216 **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	Speed 10kmph	Engine run	Egine 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: 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 JX35

year: 2012 → with and without Keyless System **programme №:** 387 **from:** 2013-05-27

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	Speed 10kmph	Engine run	Egine 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: Ⓟ Ⓝ

INFINITI M35 / M35x / M45

year: 2008 → with and without Keyless System **programme №:** 187 **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	Speed 10kmph	Engine run	Egine 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 2-staged opened with factory remote control.

Switches: Ⓟ Ⓝ

[en]=> P177

INFINITI M37 / M37x / M56 / M56x

year: 2010 → | with and without Keyless System | **programme №:** 297 | **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	Speed 10kmph	Engine run	Egine 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: P N R

INFINITI M37x

year: 2010 → | with and without Keyless System | **programme №:** 297 | **from:** 2013-11-20

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	Speed 10kmph	Engine run	Egine 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: P N R A/T SW

INFINITI QX56

year: 2011 → | with and without Keyless System | **programme №:** 216 | **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	Speed 10kmph	Engine run	Egine 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: 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: P N R

INFINITI QX56

year: 2011 → | with and without Keyless System | **programme №:** 279 | **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	Speed 10kmph	Engine run	Egine 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: P N R

INFINITI QX56

year: 2008 → | with and without Keyless System | **programme №:** 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	Speed 10kmph	Engine run	Egine 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 2-staged opened with factory remote control.

Switches: P N

IVECO DAILY (EURO 5)

year: 2011 → | **programme №:** 346 | **from:** 2014-03-19

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	Speed 10kmph	Engine run	Egine 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: P N

[en]=> P177

IVECO DAILY (EURO 4)

year: **2006 →** | programme №: **269** | from: **2014-03-26**

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	Speed 10kmph	Engine run	Egine 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:

IVECO EUROCARGO (EURO 5)

year: **2009 →** | programme №: **155** | 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	Speed 10kmph	Engine run	Egine 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:

IVECO EUROCARGO (EURO 4)

year: **2006 →** | programme №: **155** | 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	Speed 10kmph	Engine run	Egine 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:

IVECO STRALIS (EURO 5)

year: **2013 →** | programme №: **151** | from: **2014-03-19**

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	Speed 10kmph	Engine run	Egine 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:

IVECO STRALIS (EURO 6)

year: **2013 →** | programme №: **151** | from: **2014-03-19**

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	Speed 10kmph	Engine run	Egine 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:

IVECO STRALIS (EURO 5)

year: **2012 →** | programme №: **151** | from: **2014-03-19**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

IVECO STRALIS (EURO 4)

year: **2006 →** | programme №: **151** | from: **2014-03-19**

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	Speed 10kmph	Engine run	Egine 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: P N R

IVECO STRALIS (EURO 3)

year: **2002 →** | programme №: **151** | from: **2014-03-26**

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	Speed 10kmph	Engine run	Egine 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: P N R

IVECO TRAKKER

year: **2006 →** | programme №: **155** | 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	Speed 10kmph	Engine run	Egine 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: P N R

JAGUAR XF

year: **2008 →** with and without Keyless System | programme №: **241** | from: **2013-10-23**

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	Speed 10kmph	Engine run	Egine 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: P N

JAGUAR XJ / XJL

year: **2011 →** with and without Keyless System | programme №: **233** | from: **2013-06-20**

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	Speed 10kmph	Engine run	Egine 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: P N

JAGUAR XK

year: **2007 →** with and without Keyless System | programme №: **196** | 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	Speed 10kmph	Engine run	Egine 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, "Trunk release" function does not work.

Switches: P N

JEEP COMMANDER

year: **2006 →** with and without Keyless System programme №: **116** 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	Speed 10kmph	Engine run	Egine 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:

JEEP COMPASS

year: **2014 →** with and without Keyless System programme №: **278** from: **2014-02-13**

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	Speed 10kmph	Engine run	Egine 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:

JEEP COMPASS

year: **2007 →** with and without Keyless System programme №: **116** 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	Speed 10kmph	Engine run	Egine 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:

JEEP GRAND CHEROKEE

year: **2014 →** with and without Keyless System programme №: **332** 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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

JEEP GRAND CHEROKEE

year: **2010 →** with and without Keyless System programme №: **245** from: **2013-12-18**

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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

JEEP GRAND CHEROKEE

year: **2005 →** with and without Keyless System programme №: **278** from: **2014-02-13**

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	Speed 10kmph	Engine run	Egine 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:

JEEP LAREDO

year: **2005 →** with and without Keyless System programme №: **278** from: **2014-02-13**

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	Speed 10kmph	Engine run	Egine 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:

JEEP PATRIOT

year: **2007 →** with and without Keyless System programme №: **116** 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	Speed 10kmph	Engine run	Egine 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:

JEEP WRANGLER

year: **2007 →** programme №: **135** 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	Speed 10kmph	Engine run	Egine 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:

JEEP WRANGLER

year: **2007 →** programme №: **245** 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	Speed 10kmph	Engine run	Egine 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. Function "Start engine/stop engine" is implemented in cars equipped with remote start module.

Switches:

KIA CADENZA

year: **2009 →** with Keyless System only programme №: **363** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

KIA CARENS

year: **2013 →** with Keyless System programme №: **398** from: **2014-04-03**

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	Speed 10kmph	Engine run	Egine 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: "All doors lock" function closes mirrors, "All doors unlock" opens mirrors.

Switches:

[en]=> P177

KIA CARENS

year: **2013 →** without Keyless System programme №: **398** from: **2014-04-03**

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	Speed 10kmph	Engine run	Egine 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: "All doors lock" function closes mirrors, "All doors unlock" opens mirrors.

Switches:

KIA CARNIVAL

year: **2006 →** programme №: **119** 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	Speed 10kmph	Engine run	Egine 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:

KIA CEED (GT)

year: **2014 →** with Keyless System only programme №: **352** from: **2014-03-26**

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	Speed 10kmph	Engine run	Egine 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:

KIA CEED

year: **2013 →** with Keyless System only programme №: **352** from: **2014-03-26**

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	Speed 10kmph	Engine run	Egine 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:

KIA CEED

year: **2013 →** without Keyless System programme №: **389** from: **2013-12-07**

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	Speed 10kmph	Engine run	Egine 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:

KIA CEED

year: **2009 →** programme №: **236** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

KIA CERATO

year: **2013 →** with Keyless System — programme №: **344** — from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

KIA CERATO

year: **2013 →** without Keyless System — programme №: **412** — from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

KIA CERATO

year: **2010 →** — programme №: **236** — from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

KIA MAGENTIS

year: **2009 →** — programme №: **236** — from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

KIA MOHAVE

year: **2011 →** with Keyless System only — programme №: **478** — from: **2014-02-15**

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	Speed 10kmph	Engine run	Egine 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: FR RR RL

KIA MOHAVE

year: **2009 →** — programme №: **232** — 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

KIA OPIRUS

year: **2004 →** programme №: **234** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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, "Trunk release" function does not work. Status "Driver door sense"= status "Passang. door sense".

Switches: Ⓟ

KIA OPTIMA

year: **2014 →** with Keyless System only programme №: **478** from: **2014-02-15**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

KIA OPTIMA

year: **2012 →** with Keyless System only programme №: **344** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

KIA PICANTO

year: **2014 →** without Keyless System programme №: **299** from: **2014-02-15**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

KIA PICANTO

year: **2011 →** with Keyless System only programme №: **299** from: **2014-02-15**

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	Speed 10kmph	Engine run	Egine 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		6	7		9	10
+	+				+	+		+	+

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

Comments:

Switches:

KIA QUORIS

year: **2013 →** with Keyless System programme №: **413** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

KIA RIO

year: 2013 → with Keyless System only **programme №:** 416 **from:** 2014-02-18

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	Speed 10kmph	Engine run	Egine 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:

KIA RIO

year: 2013 → with Keyless System only **programme №:** 416 **from:** 2014-02-18

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	Speed 10kmph	Engine run	Egine 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:

KIA RIO

year: 2013 → without Keyless System **programme №:** 479 **from:** 2014-02-18

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	Speed 10kmph	Engine run	Egine 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:

KIA RIO

year: 2013 → without Keyless System **programme №:** 479 **from:** 2014-02-18

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	Speed 10kmph	Engine run	Egine 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:

KIA RIO

year: 2013 → without Keyless System **programme №:** 479 **from:** 2014-02-18

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	Speed 10kmph	Engine run	Egine 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:

KIA RIO

year: 2013 → without Keyless System **programme №:** 479 **from:** 2014-02-18

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

KIA RIO

year: **2011 →** without Keyless System — programme №: **244** — from: **2014-03-25**

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	Speed 10kmph	Engine run	Egine 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:

KIA RIO

year: **2005 →** — programme №: **236** — from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

KIA SORENTO

year: **2012 →** with Keyless System only — programme №: **296** — from: **2014-03-28**

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	Speed 10kmph	Engine run	Egine 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:

KIA SORENTO

year: **2012 →** without Keyless System — programme №: **411** — from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

KIA SORENTO

year: **2010 →** with and without Keyless System — programme №: **231** — from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking closed.

Switches:

KIA SOUL

year: **2012 →** without Keyless System — programme №: **343** — from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

KIA SOUL

year: **2012 →** with Keyless System only programme №: **481** from: **2014-02-19**

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	Speed 10kmph	Engine run	Egine 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: P

KIA SPORTAGE

year: **2014 →** without Keyless System programme №: **244** from: **2014-03-25**

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	Speed 10kmph	Engine run	Egine 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: P

KIA SPORTAGE

year: **2011 →** with Keyless System only programme №: **244** from: **2014-03-25**

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	Speed 10kmph	Engine run	Egine 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: P

KIA SPORTAGE

year: **2011 →** without Keyless System programme №: **244** from: **2014-03-25**

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	Speed 10kmph	Engine run	Egine 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: P

KIA SPORTAGE

year: **2008 →** programme №: **236** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

KIA VENGA

year: **2012 →** programme №: **236** from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

KIA VENGA

year: **2010 →** with Keyless System | programme №: **271** | from: **2013-10-07**

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	Speed 10kmph	Engine run	Egine 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: Status "Driver door sense"= status "Passang. door sense".

Switches:

LADA GRANTA

year: **2012 →** | programme №: **461** | from: **2014-02-19**

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	Speed 10kmph	Engine run	Egine 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:

LADA KALINA

year: **2014 →** | programme №: **461** | from: **2014-02-19**

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	Speed 10kmph	Engine run	Egine 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:

LANCIA DELTA

year: **2008 →** | programme №: **129** | from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

LANCIA MUSA

year: **2007 →** | programme №: **129** | from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

LANCIA PHEDRA

year: **2007 →** (with factory alarm) | programme №: **143** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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:

[en]=> P177

LANCIA PHEDRA

year: **2007 →** (without factory alarm) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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 YPSILON

year: **2011 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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:

LANCIA YPSILON

year: **2006 →** programme №: **129** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER DEFENDER

year: **2012 →** programme №: **447** from: **2013-10-21**

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER DISCOVERY 3

year: **2006 →** programme №: **199** 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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER DISCOVERY 4

year: **2010 →** with and without Keyless System programme №: **233** from: **2013-10-22**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

LAND ROVER FREELANDER 2

year: 2013 → | with and without Keyless System | programme №: 446 | from: 2013-10-21

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER FREELANDER 2

year: 2007 → | with and without Keyless System | programme №: 214 | from: 2013-07-04

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER LR2

year: 2007 → | with and without Keyless System | programme №: 214 | from: 2013-07-04

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER RANGE ROVER Autobiography

year: 2013 → | with and without Keyless System | programme №: 233 | from: 2013-06-20

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER RANGE ROVER Autobiography

year: 2011 → | with and without Keyless System | programme №: 233 | from: 2013-06-20

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER RANGE ROVER EVOQUE

year: 2011 → | with and without Keyless System | programme №: 446 | from: 2013-10-21

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

LAND ROVER RANGE ROVER HSE

year: **2006 →** programme №: **213** 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	Speed 10kmph	Engine run	Egine 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: P, ⟲

LAND ROVER RANGE ROVER SPORT

year: **2014 →** with and without Keyless System programme №: **445** from: **2014-02-25**

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	Speed 10kmph	Engine run	Egine 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: △, ▽, GEAR-, GEAR+, 🚪, 🚪, ⚠, ECO, P, ⟲, 🐆, 🦗, 🐢, 🐢, 🐢, ASL

LAND ROVER RANGE ROVER SPORT

year: **2010 →** with and without Keyless System programme №: **233** from: **2013-06-20**

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	Speed 10kmph	Engine run	Egine 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: P

LAND ROVER RANGE ROVER SPORT

year: **2006 →** programme №: **199** 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	Speed 10kmph	Engine run	Egine 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: P, ⟲

LAND ROVER RANGE ROVER Supercharged

year: **2010 →** with and without Keyless System programme №: **233** from: **2013-06-20**

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	Speed 10kmph	Engine run	Egine 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: P

LAND ROVER RANGE ROVER Supercharged

year: **2006 →** programme №: **213** 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	Speed 10kmph	Engine run	Egine 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: P, ⟲

LAND ROVER RANGE ROVER Vogue

year: 2014 → with and without Keyless System **programme №:** 445 **from:** 2014-02-25

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER RANGE ROVER Vogue

year: 2010 → with and without Keyless System **programme №:** 233 **from:** 2013-06-20

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	Speed 10kmph	Engine run	Egine 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:

LAND ROVER RANGE ROVER Vogue

year: 2006 → **programme №:** 213 **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	Speed 10kmph	Engine run	Egine 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:

LEXUS CT

year: 2011 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

LEXUS ES

year: 2013 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

LEXUS ES

year: 2013 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

[en]=> P177

LEXUS ES

year: 2007 → with and without Keyless System **programme №:** 138 **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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

LEXUS GS

year: 2013 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

LEXUS GS

year: 2012 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

LEXUS GS

year: 2006 → with and without Keyless System **programme №:** 181 **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	Speed 10kmph	Engine run	Egine 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: "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: 2010 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

LEXUS IS

year: 2013 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap.

Switches:

[en]=> P177

LEXUS IS

year: 2006 → with and without Keyless System **programme №:** 181 **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	Speed 10kmph	Engine run	Egine 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: "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 LS

year: 2013 → with and without Keyless System **programme №:** 251 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

LEXUS LS

year: 2010 → with and without Keyless System **programme №:** 251 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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:

LEXUS LS

year: 2006 → with and without Keyless System **programme №:** 251 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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:

LEXUS LX

year: 2012 → with and without Keyless System **programme №:** 138 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A". Function "Trunk release" doesn't open trunk's electrical flap

Switches:

LEXUS LX

year: 2008 → with and without Keyless System **programme №:** 138 **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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

[en]=> P177

LEXUS RX

year: **2013 →** | programme №: **226** | from: **2013-12-11**

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	Speed 10kmph	Engine run	Egine 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: A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

LEXUS RX

year: **2013 →** | programme №: **226** | from: **2013-12-11**

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	Speed 10kmph	Engine run	Egine 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: A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

LEXUS RX

year: **2010 →** with and without Keyless System | programme №: **138** | from: **2013-09-12**

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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

LEXUS RX

year: **2010 →** with Keyless System only | programme №: **226** | from: **2013-12-11**

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	Speed 10kmph	Engine run	Egine 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:

MAYBACH 62

year: **2005 →** with and without Keyless System | programme №: **188** | 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	Speed 10kmph	Engine run	Egine 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:

MAZDA 2 (DE)

year: **2007 →** without Keyless System | programme №: **195** | 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	Speed 10kmph	Engine run	Egine 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: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

[en]=> P177

MAZDA 3 (BM)

year: 2014 → | with and without Keyless System | **programme №:** 339 | **from:** 2013-11-29

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	Speed 10kmph	Engine run	Egine 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:

MAZDA 3 (BL)

year: 2009 → | without Keyless System | **programme №:** 195 | **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	Speed 10kmph	Engine run	Egine 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: Status "Ignition" appears when key has been slipped key into ignition.

Switches:

MAZDA 3 (BK)

year: 2005 → | without Keyless System | **programme №:** 121 | **from:** 2013-07-03

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	Speed 10kmph	Engine run	Egine 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:

MAZDA 5 (CR)

year: 2006 → | without Keyless System | **programme №:** 228 | **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	Speed 10kmph	Engine run	Egine 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:

MAZDA 6 (GJ)

year: 2013 → | without Keyless System | **programme №:** 339 | **from:** 2013-11-29

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	Speed 10kmph	Engine run	Egine 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: Before using the remote "Trunk open" switch you need to disarm the alarm.

Switches:

MAZDA 6 (GJ)

year: 2013 → | with Keyless System | **programme №:** 339 | **from:** 2013-11-29

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

MAZDA 6 (GH)

year: **2008 →** programme №: **154** 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	Speed 10kmph	Engine run	Egine 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: Status "Ignition" appears when key has been slipped key into ignition.

Switches: Ⓟ Ⓝ

MAZDA CX5 (KE)

year: **2012 →** with and without Keyless System programme №: **339** from: **2013-11-29**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ Ⓝ

MAZDA CX7 (ER)

year: **2007 →** with and without Keyless System programme №: **154** 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	Speed 10kmph	Engine run	Egine 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: Status "Ignition" appears when key has been slipped key into ignition.

Switches: Ⓟ Ⓝ

MAZDA CX9 (TB)

year: **2013 →** with and without Keyless System programme №: **154** 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	Speed 10kmph	Engine run	Egine 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: Status "Ignition" appears when key has been slipped key into ignition.

Switches: Ⓟ Ⓝ

MAZDA CX9 (TB)

year: **2007 →** with and without Keyless System programme №: **154** 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	Speed 10kmph	Engine run	Egine 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: Status "Ignition" appears when key has been slipped key into ignition.

Switches: Ⓟ Ⓝ

MERCEDES A (176)

year: **2013 →** with and without Keyless System programme №: **399** from: **2014-03-11**

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	Speed 10kmph	Engine run	Egine 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 A (169)

year: 2004 → with and without Keyless System **programme №:** 162 **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	Speed 10kmph	Engine run	Egine 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
1	2	3
+	+	+

Comments:

Switches:

MERCEDES ACTROS MP4

year: 2011 → **programme №:** 348 **from:** 2014-03-10

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	Speed 10kmph	Engine run	Egine 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
1	2	3

Comments:

Switches:

MERCEDES ACTROS MP3

year: 2008 → **programme №:** 148 **from:** 2014-01-21

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	Speed 10kmph	Engine run	Egine 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
1	2	3

Comments:

Switches:

MERCEDES ACTROS MP2

year: 2003 → **programme №:** 148 **from:** 2014-01-21

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	Speed 10kmph	Engine run	Egine 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
1	2	3

Comments:

Switches:

MERCEDES B (246)

year: 2012 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

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	Speed 10kmph	Engine run	Egine 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
1	2	3
+	+	

Comments:

Switches:

MERCEDES B (245)

year: 2005 → with and without Keyless System **programme №:** 162 **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	Speed 10kmph	Engine run	Egine 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
1	2	3
+	+	+

Comments:

Switches:

MERCEDES C (205)

year: **2014 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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:

MERCEDES C (204)

year: **2007 →** with and without Keyless System programme №: **141** from: **2014-02-22**

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	Speed 10kmph	Engine run	Egine 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 C (203)

year: **2001 →** with and without Keyless System programme №: **159** 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	Speed 10kmph	Engine run	Egine 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 CITAN

year: **2012 →** programme №: **174** 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	Speed 10kmph	Engine run	Egine 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 CL (216)

year: **2007 →** with and without Keyless System programme №: **141** from: **2014-02-22**

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	Speed 10kmph	Engine run	Egine 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 CL (215)

year: **2002 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

MERCEDES CL (215)

year: 1999 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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 CLA (117)

year: 2013 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

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	Speed 10kmph	Engine run	Egine 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 CLK (209)

year: 2003 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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 CLK (208)

year: 1999 → with and without Keyless System **programme №:** 157 **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	Speed 10kmph	Engine run	Egine 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 CLS (218)

year: 2011 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

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	Speed 10kmph	Engine run	Egine 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 CLS (219)

year: 2005 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

MERCEDES E (212)

year: 2009 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

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	Speed 10kmph	Engine run	Egine 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 E (211)

year: 2002 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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 E (210)

year: 1997 → **programme №:** 157 **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	Speed 10kmph	Engine run	Egine 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 E COUPE (207)

year: 2009 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

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	Speed 10kmph	Engine run	Egine 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 G (463)

year: 2012 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

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	Speed 10kmph	Engine run	Egine 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 ignition is on function "All doors lock" does not lock the fuel filler flap

Switches:

MERCEDES G (463)

year: 2004 → with and without Keyless System **programme №:** 159 **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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

MERCEDES GL (166)

year: 2013 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

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	Speed 10kmph	Engine run	Egine 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 GL (164)

year: 2006 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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 GLA (156)

year: 2014 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

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	Speed 10kmph	Engine run	Egine 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 GLK (204)

year: 2012 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

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	Speed 10kmph	Engine run	Egine 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 GLK (204)

year: 2008 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

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	Speed 10kmph	Engine run	Egine 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 (166)

year: 2012 → with and without Keyless System **programme №:** 399 **from:** 2014-03-11

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

MERCEDES ML (164)

year: **2005 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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 programme №: **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	Speed 10kmph	Engine run	Egine 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: MODE

MERCEDES S (222)

year: **2013 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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: FL FR RR RL 1 2 3 4 5 6 7 8 9 0 * # C

MERCEDES S (221)

year: **2005 →** with and without Keyless System programme №: **141** from: **2014-02-22**

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	Speed 10kmph	Engine run	Egine 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 programme №: **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	Speed 10kmph	Engine run	Egine 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 programme №: **125** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

MERCEDES SL (231)

year: 2012 → with and without Keyless System **programme №:** 141 **from:** 2014-02-22

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	Speed 10kmph	Engine run	Egine 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 SL (230)

year: 2001 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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 SLK (172)

year: 2011 → with and without Keyless System **programme №:** 491 **from:** 2014-02-27

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	Speed 10kmph	Engine run	Egine 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 SLK (171)

year: 2005 → with and without Keyless System **programme №:** 163 **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	Speed 10kmph	Engine run	Egine 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 SPRINTER (906)

year: 2013 → **programme №:** 164 **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	Speed 10kmph	Engine run	Egine 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 SPRINTER (906)

year: 2006 → with and without Keyless System **programme №:** 164 **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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

MERCEDES UNIMOG U400

year: **2006 →** programme №: **148** from: **2014-01-21**

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	Speed 10kmph	Engine run	Egine 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: **2011 →** with and without Keyless System programme №: **164** 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	Speed 10kmph	Engine run	Egine 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 programme №: **164** 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	Speed 10kmph	Engine run	Egine 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 programme №: **164** 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	Speed 10kmph	Engine run	Egine 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 programme №: **164** 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	Speed 10kmph	Engine run	Egine 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 →** with and without Keyless System programme №: **118** from: **2014-03-26**

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. Functions "All doors unlock"" & "All doors lock" works like driver's door lock.

Switches: Ⓟ ⟲

MINI COUNTRYMAN (R60)

year: 2010 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 loc

Switches: P, ⟲, 🚗

MINI ONE (R56)

year: 2007 → with and without Keyless System **programme №:** 118 **from:** 2014-03-26

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	Speed 10kmph	Engine run	Egine 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 car with Keyless system, program 137 has to be set. Functions "All doors unlock"" & "All doors lock" works like driver's door lock.

Switches: P, ⟲

MITSUBISHI ASX

year: 2010 → with and without Keyless System **programme №:** 451 **from:** 2013-11-04

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	Speed 10kmph	Engine run	Egine 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: P, ⟲, 🚗

MITSUBISHI COLT

year: 2008 → without Keyless System **programme №:** 394 **from:** 2013-04-19

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	Speed 10kmph	Engine run	Egine 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: P, ⟲, 🚗

MITSUBISHI L200

year: 2006 → **programme №:** 179 **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	Speed 10kmph	Engine run	Egine 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:

MITSUBISHI LANCER (X)

year: 2011 → with and without Keyless System **programme №:** 451 **from:** 2013-11-04

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	Speed 10kmph	Engine run	Egine 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: 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 serwis UMT-3 and activate Keyless function (ETACS -> Coding -> Coding Options -> Keyless - Present).

Switches: P, ⟲

[en]=> P177

MITSUBISHI LANCER (X)

year: 2008 → with and without Keyless System **programme №:** 142 **from:** 2013-04-18

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	Speed 10kmph	Engine run	Egine 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: 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 serwis UMT-3 and activate Keyless function (ETACS -> Coding -> Coding Options -> Keyless - Present).

Switches:

MITSUBISHI OUTLANDER

year: 2013 → without Keyless System **programme №:** 393 **from:** 2013-04-17

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	Speed 10kmph	Engine run	Egine 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:

MITSUBISHI OUTLANDER

year: 2013 → with Keyless System only **programme №:** 393 **from:** 2013-04-17

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" opens/closes trunk door and works only when central lock is opened.

Switches:

MITSUBISHI OUTLANDER (XL)

year: 2007 → with and without Keyless System **programme №:** 142 **from:** 2013-04-18

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	Speed 10kmph	Engine run	Egine 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:

MITSUBISHI PAJERO

year: 2012 → **programme №:** 178 **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	Speed 10kmph	Engine run	Egine 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: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

MITSUBISHI PAJERO

year: 2007 → **programme №:** 178 **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	Speed 10kmph	Engine run	Egine 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: 2 seconds after the ignition starts, "Hand brake status" is active regardless of whether the hand break is off.

Switches:

[en]=> P177

MITSUBISHI PAJERO SPORT

year: **2008 →** programme №: **179** 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	Speed 10kmph	Engine run	Egine 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 350Z

year: **2006 →** with and without Keyless System programme №: **216** 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	Speed 10kmph	Engine run	Egine 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: 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 programme №: **216** 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	Speed 10kmph	Engine run	Egine 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: 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 CUBE

year: **2010 →** with and without Keyless System programme №: **259** from: **2013-10-10**

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	Speed 10kmph	Engine run	Egine 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 INTERSTAR

year: **2006 →** programme №: **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	Speed 10kmph	Engine run	Egine 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 JUKE

year: **2010 →** with and without Keyless System programme №: **259** from: **2013-10-10**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

[en]=> P177

NISSAN MAXIMA

year: 2004 → | with and without Keyless System | **programme №:** 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	Speed 10kmph	Engine run	Egine 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: 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 MICRA

year: 2014 → | with Keyless System only | **programme №:** 259 | **from:** 2013-10-10

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	Speed 10kmph	Engine run	Egine 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 MICRA

year: 2014 → | without Keyless System | **programme №:** 259 | **from:** 2013-10-10

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	Speed 10kmph	Engine run	Egine 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 MICRA

year: 2010 → | without Keyless System | **programme №:** 259 | **from:** 2013-10-10

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	Speed 10kmph	Engine run	Egine 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 MICRA

year: 2006 → | without Keyless System | **programme №:** 145 | **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	Speed 10kmph	Engine run	Egine 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 MICRA

year: 2006 → | with Keyless System only | **programme №:** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

NISSAN MURANO

year: **2009 →** with and without Keyless System programme №: **216** 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	Speed 10kmph	Engine run	Egine 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 issue status "Armed state" & "Factory system alarm".

Switches:

NISSAN MURANO

year: **2007 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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: 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 programme №: **139** 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	Speed 10kmph	Engine run	Egine 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

year: **2013 →** with Keyless System programme №: **259** from: **2013-10-10**

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	Speed 10kmph	Engine run	Egine 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

year: **2013 →** without Keyless System programme №: **259** from: **2013-10-10**

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	Speed 10kmph	Engine run	Egine 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

year: **2006 →** without Keyless System programme №: **145** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

NISSAN NOTE

year: **2006 →** with Keyless System only programme №: **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	Speed 10kmph	Engine run	Egine 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 programme №: **145** 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	Speed 10kmph	Engine run	Egine 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

year: **2006 →** without Keyless System programme №: **139** 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	Speed 10kmph	Engine run	Egine 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

year: **2006 →** with Keyless System only programme №: **185** 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	Speed 10kmph	Engine run	Egine 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 PATROL

year: **2011 →** with and without Keyless System programme №: **279** 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	Speed 10kmph	Engine run	Egine 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 PRIMASTAR

year: **2006 →** programme №: **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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

NISSAN PRIMASTAR

year: **2001 →** programme №: **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	Speed 10kmph	Engine run	Egine 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 QASHQAI (J11)

year: **2014 →** with and without Keyless System programme №: **468** from: **2014-03-04**

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	Speed 10kmph	Engine run	Egine 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 QASHQAI

year: **2007 →** without Keyless System programme №: **139** 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	Speed 10kmph	Engine run	Egine 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 QASHQAI

year: **2007 →** with Keyless System programme №: **147** 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	Speed 10kmph	Engine run	Egine 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 QASHQAI+2

year: **2009 →** without Keyless System programme №: **139** 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	Speed 10kmph	Engine run	Egine 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 QASHQAI+2

year: **2009 →** with Keyless System programme №: **147** 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	Speed 10kmph	Engine run	Egine 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 ROGUE

year: 2007 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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: 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 TEANA

year: 2011 → with and without Keyless System **programme №:** 216 **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	Speed 10kmph	Engine run	Egine 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 TEANA

year: 2008 → with and without Keyless System **programme №:** 216 **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	Speed 10kmph	Engine run	Egine 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 TIIDA

year: 2007 → without Keyless System **programme №:** 145 **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	Speed 10kmph	Engine run	Egine 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 TIIDA

year: 2007 → with Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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 TITAN

year: 2004 → without Keyless System **programme №:** 259 **from:** 2013-10-10

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	Speed 10kmph	Engine run	Egine 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

year: **2010 →** without Keyless System — programme №: **139** — 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	Speed 10kmph	Engine run	Egine 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

year: **2010 →** with Keyless System only — programme №: **147** — from: **2013-10-10**

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	Speed 10kmph	Engine run	Egine 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

year: **2007 →** without Keyless System — programme №: **139** — 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	Speed 10kmph	Engine run	Egine 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

year: **2007 →** with Keyless System only — programme №: **147** — 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	Speed 10kmph	Engine run	Egine 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 — programme №: **183** — from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 — programme №: **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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 115 has to be set (non-recognision is caused by variety of installed engines).

Switches:

[en]=> P177

OPEL ANTARA

year: **2007 →** programme №: **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	Speed 10kmph	Engine run	Egine 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 programme №: **183** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 programme №: **184** 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	Speed 10kmph	Engine run	Egine 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:

OPEL ASTRA H

year: **2004 →** with and without Keyless System programme №: **184** 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	Speed 10kmph	Engine run	Egine 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.in some cars input "Window roll-down" = "Trunk release" and it works only when central lock is opened

Switches:

OPEL COMBO D

year: **2012 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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 CORSA D

year: **2011 →** programme №: **354** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

OPEL CORSA D

year: **2009 →** with and without Keyless System programme №: **354** 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	Speed 10kmph	Engine run	Egine 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 CORSA D

year: **2006 →** programme №: **354** 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	Speed 10kmph	Engine run	Egine 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 INSIGNIA

year: **2014 →** programme №: **453** from: **2013-11-15**

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	Speed 10kmph	Engine run	Egine 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" doesn't unlock trunk door and fuel filler flap.

Switches:

OPEL INSIGNIA SPORTS TOURER

year: **2014 →** programme №: **453** from: **2013-11-15**

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	Speed 10kmph	Engine run	Egine 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" doesn't unlock trunk door and fuel filler flap. Function "Trunk release" opens/closes trunk door.

Switches:

OPEL INSIGNIA

year: **2009 →** with and without Keyless System programme №: **183** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "CANCEL CRUISE", "SET CRUISE", "RESUME CRUISE" only work with the active cruise control

Switches:

OPEL MERIVA B

year: **2014 →** programme №: **183** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

OPEL MERIVA B

year: 2010 → with and without Keyless System **programme №:** 183 **from:** 2014-03-14

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	Speed 10kmph	Engine run	Egine 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 MOKKA

year: 2012 → with and without Keyless System **programme №:** 243 **from:** 2013-09-13

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	Speed 10kmph	Engine run	Egine 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 MOVANO

year: 2010 → **programme №:** 436 **from:** 2013-08-27

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	Speed 10kmph	Engine run	Egine 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 SIGNUM

year: 2002 → with and without Keyless System **programme №:** 114 **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	Speed 10kmph	Engine run	Egine 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:

OPEL VECTRA C

year: 2002 → with and without Keyless System **programme №:** 114 **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	Speed 10kmph	Engine run	Egine 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: FL FR RR RL

OPEL VIVARO

year: 2006 → **programme №:** 224 **from:** 2014-03-23

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

OPEL VIVARO

year: **2001 →** programme №: **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	Speed 10kmph	Engine run	Egine 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: P, ⟲, ↘

OPEL ZAFIRA TOURER C

year: **2012 →** with and without Keyless System programme №: **183** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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: P, ⟲, ↘

OPEL ZAFIRA B

year: **2005 →** with and without Keyless System programme №: **184** 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	Speed 10kmph	Engine run	Egine 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: P, ⟲, ↘

PEUGEOT 207

year: **2006 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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: P, ⟲

PEUGEOT 207

year: **2006 →** (without factory alarm) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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: P, ⟲

PEUGEOT 208

year: **2012 →** programme №: **298** from: **2013-11-04**

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	Speed 10kmph	Engine run	Egine 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: ⚡, ◿, SRC, MODE, OK, ⧉, ⟲, ⛒, ↶, ⟳, SET+, SET-, ASL, ⛒

[en]=> P177

PEUGEOT 3008

year: 2009 → (with factory alarm) **programme №:** 143 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 3008

year: 2009 → (without factory alarm) **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 307

year: 2006 → (with factory alarm) **programme №:** 143 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 307

year: 2006 → (without factory alarm) **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 308

year: 2007 → (with factory alarm) **programme №:** 143 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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) **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 programme №: **142** from: **2013-04-18**

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	Speed 10kmph	Engine run	Egine 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:

PEUGEOT 4008

year: **2012 →** with and without Keyless System programme №: **451** from: **2013-11-04**

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	Speed 10kmph	Engine run	Egine 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:

PEUGEOT 407

year: **2006 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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"

Switches:

PEUGEOT 408

year: **2010 →** (without factory alarm) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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 | programme №: **298** | from: **2013-11-04**

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	Speed 10kmph	Engine run	Egine 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:

PEUGEOT 607 (Z9)

year: **2005 →** (with factory alarm) | programme №: **143** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) | programme №: **193** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) | programme №: **143** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) | programme №: **193** | from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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 →** | programme №: **127** | 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

PEUGEOT BOXER

year: **2011 →** programme №: **127** 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	Speed 10kmph	Engine run	Egine 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:

PEUGEOT BOXER

year: **2011 →** programme №: **129** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

PEUGEOT BOXER

year: **2006 →** programme №: **129** from: **2013-07-03**

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	Speed 10kmph	Engine run	Egine 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:

PEUGEOT EXPERT

year: **2007 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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) programme №: **193** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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: **2008 →** (with factory alarm) programme №: **143** from: **2013-07-23**

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	Speed 10kmph	Engine run	Egine 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: 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:

[en]=> P177

PEUGEOT PARTNER

year: 2008 → (without factory alarm) **programme №:** 193 **from:** 2013-07-23

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	Speed 10kmph	Engine run	Egine 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: 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 → **programme №:** 292 **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	Speed 10kmph	Engine run	Egine 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:

PEUGEOT PARTNER Origin

year: 2003 → **programme №:** 292 **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	Speed 10kmph	Engine run	Egine 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:

PORSCHE 911 (Turbo)

year: 2008 → **programme №:** 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	Speed 10kmph	Engine run	Egine 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:

PORSCHE 911

year: 2006 → **programme №:** 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	Speed 10kmph	Engine run	Egine 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:

PORSCHE BOXSTER

year: 2006 → **programme №:** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

PORSCHE CARRERA 4

year: **2006 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

PORSCHE CAYENNE (92)

year: **2010 →** with and without Keyless System | programme №: **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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches:

PORSCHE CAYENNE

year: **2006 →** with and without Keyless System | programme №: **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	Speed 10kmph	Engine run	Egine 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:

PORSCHE CAYMAN S

year: **2006 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

PORSCHE PANAMERA

year: **2009 →** with and without Keyless System | programme №: **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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches:

RENAULT CAPTUR

year: **2013 →** with and without Keyless System | programme №: **372** | from: **2013-10-14**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

RENAULT CLIO IV

year: **2012 →** | programme №: **372** | from: **2013-10-14**

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	Speed 10kmph	Engine run	Egine 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: P N R

RENAULT CLIO III

year: **2005 →** | programme №: **174** | 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	Speed 10kmph	Engine run	Egine 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: P N R

RENAULT ESPACE IV

year: **2003 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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: P N R

RENAULT FLUENCE

year: **2013 →** with and without Keyless System | programme №: **182** | from: **2013-10-15**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work.

Switches: △ ▽ P N R

RENAULT FLUENCE

year: **2010 →** with and without Keyless System | programme №: **182** | from: **2013-10-15**

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	Speed 10kmph	Engine run	Egine 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: P N R

RENAULT KANGOO

year: **2008 →** | programme №: **174** | 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	Speed 10kmph	Engine run	Egine 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: P N R

[en]=> P177

RENAULT KANGOO

year: **2004 →** programme №: **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	Speed 10kmph	Engine run	Egine 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 KOLEOS

year: **2012 →** with and without Keyless System programme №: **443** from: **2013-10-21**

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	Speed 10kmph	Engine run	Egine 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 KOLEOS

year: **2008 →** with and without Keyless System programme №: **443** from: **2013-10-21**

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	Speed 10kmph	Engine run	Egine 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 LAGUNA III

year: **2008 →** with and without Keyless System programme №: **182** from: **2013-10-15**

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	Speed 10kmph	Engine run	Egine 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 MASTER

year: **2010 →** programme №: **436** from: **2013-08-27**

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	Speed 10kmph	Engine run	Egine 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 MASTER DCi

year: **2005 →** programme №: **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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⟲ ↘

[en]=> P177

RENAULT MEGANE III

year: 2012 → | with and without Keyless System | programme №: 182 | from: 2013-10-15

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work.

Switches: △ ▽ Ⓟ

RENAULT MEGANE III

year: 2009 → | with and without Keyless System | programme №: 182 | from: 2013-10-15

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	Speed 10kmph	Engine run	Egine 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 MEGANE II

year: 2006 → | programme №: 174 | 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	Speed 10kmph	Engine run	Egine 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 SCENIC III

year: 2013 → | with and without Keyless System | programme №: 182 | from: 2013-10-15

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work.

Switches: △ ▽ Ⓟ

RENAULT SCENIC III

year: 2009 → | with and without Keyless System | programme №: 182 | from: 2013-10-15

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	Speed 10kmph	Engine run	Egine 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 SCENIC II

year: 2003 → | programme №: 174 | 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	Speed 10kmph	Engine run	Egine 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 T (EURO 6)

year: **2013 →** | programme №: **464** | from: **2014-02-10**

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	Speed 10kmph	Engine run	Egine 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 TRAFIC

year: **2006 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 TRAFIC

year: **2001 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 →** | programme №: **174** | 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	Speed 10kmph	Engine run	Egine 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 →** | programme №: **126** | 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	Speed 10kmph	Engine run	Egine 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 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

SEAT ALTEA (5P)

year: **2005 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches:

SEAT ALTEA FREETRACK 4 (5P)

year: **2007 →** with and without Keyless System | programme №: **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	Speed 10kmph	Engine run	Egine 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 XL (5P)

year: **2010 →** | programme №: **452** | from: **2013-11-05**

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	Speed 10kmph	Engine run	Egine 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 CORDOBA (6L)

year: **2003 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

SEAT EXEO (3R)

year: **2009 →** | programme №: **132** | 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	Speed 10kmph	Engine run	Egine 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 IBIZA (6J)

year: **2013 →** | programme №: **449** | from: **2014-03-17**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

SEAT IBIZA (6J)

year: **2009 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 IBIZA (6L)

year: **2003 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

SEAT LEON (5F)

year: **2013 →** | programme №: **448** | from: **2013-10-23**

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	Speed 10kmph	Engine run	Egine 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, the functions "Trunk release", "Turn signal control", "All doors unlock" & "Driver door unlock" does not work.

Switches:

SEAT LEON (1P)

year: **2006 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches:

SEAT LEON (1M)

year: **2002 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 TOLEDO (NH)

year: **2013 →** | programme №: **449** | from: **2014-03-17**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

SEAT TOLEDO (5P)

year: 2005 → **programme №:** 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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches:

SEAT TOLEDO (1M)

year: 2002 → **programme №:** 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	Speed 10kmph	Engine run	Egine 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:

SKODA CITIGO (AA)

year: 2013 → (without radio) **programme №:** 262 **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	Speed 10kmph	Engine run	Egine 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:

SKODA CITIGO (AA)

year: 2013 → **programme №:** 449 **from:** 2014-03-17

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	Speed 10kmph	Engine run	Egine 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:

SKODA FABIA (5J)

year: 2010 → **programme №:** 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	Speed 10kmph	Engine run	Egine 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:

SKODA FABIA (5J)

year: 2007 → **programme №:** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

SKODA FABIA (6Y)

year: **2000 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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: P

SKODA OCTAVIA III (NE)

year: **2013 →** with and without Keyless System | programme №: **391** | from: **2014-03-18**

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	Speed 10kmph	Engine run	Egine 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: Module closes windows in two stages (first front, then rear).

Switches: SRC MODE P

SKODA OCTAVIA II (1Z)

year: **2009 →** with and without Keyless System | programme №: **173** | from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P FL FR RR RL

SKODA OCTAVIA II (1Z)

year: **2005 →** with and without Keyless System | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P

SKODA OCTAVIA I (1U)

year: **2003 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P

SKODA OCTAVIA TOUR I (1U)

year: **2009 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches:

[en]=> P177

SKODA OCTAVIA TOUR I (1U)

year: **2009 →** programme №: **262** 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	Speed 10kmph	Engine run	Egine 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:

SKODA RAPID (NH)

year: **2012 →** programme №: **176** from: **2013-11-06**

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	Speed 10kmph	Engine run	Egine 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:

SKODA ROOMSTER (5J)

year: **2010 →** programme №: **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	Speed 10kmph	Engine run	Egine 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:

SKODA ROOMSTER (5J)

year: **2006 →** programme №: **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	Speed 10kmph	Engine run	Egine 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:

SKODA SUPERB (3T)

year: **2014 →** with and without Keyless System programme №: **173** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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:

SKODA SUPERB (3T)

year: **2009 →** with and without Keyless System programme №: **173** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

SKODA SUPERB (3U)

year: **2003 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ⟲

SKODA YETI (5L)

year: **2014 →** | programme №: **173** | from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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: P, ⟲, 🚗

SKODA YETI (5L)

year: **2009 →** with and without Keyless System | programme №: **173** | from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ⟲, FL, FR, RR, RL

SSANGYONG ACTYON

year: **2013 →** with Keyless System | programme №: **482** | from: **2013-02-19**

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	Speed 10kmph	Engine run	Egine 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: P, ⟲, 🚗

SSANGYONG ACTYON

year: **2013 →** without Keyless System | programme №: **482** | from: **2013-02-19**

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	Speed 10kmph	Engine run	Egine 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: P, ⟲, 🚗

SSANGYONG KYRON

year: **2007 →** without Keyless System | programme №: **482** | from: **2013-02-19**

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	Speed 10kmph	Engine run	Egine 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: 🚗

[en]=> P177

SSANGYONG REXTON

year: **2013 →** without Keyless System programme №: **482** from: **2013-02-19**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

SSANGYONG STAVIC

year: **2014 →** without Keyless System programme №: **482** from: **2013-02-19**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

SUBARU FORESTER XT

year: **2013 →** without Keyless System programme №: **395** from: **2013-04-19**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

SUBARU FORESTER XT

year: **2013 →** with Keyless System only programme №: **395** from: **2013-04-19**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

SUBARU FORESTER

year: **2013 →** without Keyless System programme №: **395** from: **2013-04-19**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

SUBARU FORESTER

year: **2013 →** with Keyless System only programme №: **395** from: **2013-04-19**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⓦ

[en]=> P177

SUBARU FORESTER

year: 2009 → | without Keyless System | programme №: 177 | 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	Speed 10kmph	Engine run	Egine 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:

SUBARU IMPREZA

year: 2008 → | without Keyless System | programme №: 177 | 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	Speed 10kmph	Engine run	Egine 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:

SUBARU LEGACY

year: 2008 → | without Keyless System | programme №: 177 | 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	Speed 10kmph	Engine run	Egine 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:

SUBARU LEGACY

year: 2004 → | without Keyless System | programme №: 177 | 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	Speed 10kmph	Engine run	Egine 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:

SUBARU OUTBACK

year: 2013 → | without Keyless System | programme №: 423 | from: 2013-06-24

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	Speed 10kmph	Engine run	Egine 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:

SUBARU OUTBACK

year: 2010 → | with Keyless System | programme №: 265 | 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	Speed 10kmph	Engine run	Egine 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:

SUBARU OUTBACK

year: **2008 →** without Keyless System programme №: **177** 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	Speed 10kmph	Engine run	Egine 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:

SUBARU OUTBACK

year: **2004 →** without Keyless System programme №: **177** 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	Speed 10kmph	Engine run	Egine 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:

SUBARU TRIBECA B9

year: **2006 →** without Keyless System programme №: **197** 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	Speed 10kmph	Engine run	Egine 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:

SUBARU XV

year: **2012 →** without Keyless System programme №: **395** from: **2013-04-19**

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	Speed 10kmph	Engine run	Egine 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:

SUBARU XV

year: **2012 →** with Keyless System only programme №: **395** from: **2013-04-19**

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	Speed 10kmph	Engine run	Egine 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:

SUZUKI GRAND VITARA

year: **2008 →** without Keyless System programme №: **115** from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

SUZUKI GRAND VITARA

year: **2008 →** with Keyless System only — programme №: **115** — from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches: Ⓟ Ⓝ

SUZUKI GRAND VITARA

year: **2005 →** with Keyless System only — programme №: **115** — from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches: Ⓟ Ⓝ

SUZUKI GRAND VITARA

year: **2005 →** without Keyless System — programme №: **115** — from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches: Ⓟ Ⓝ

SUZUKI KIZASHI

year: **2010 →** with and without Keyless System — programme №: **415** — from: **2013-06-11**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ Ⓝ

SUZUKI SPLASH

year: **2008 →** without Keyless System — programme №: **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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 115 has to be set (non-recognision is caused by variety of installed engines).

Switches: Ⓟ Ⓝ

SUZUKI SWIFT

year: **2010 →** without Keyless System — programme №: **115** — from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches: Ⓟ Ⓝ

SUZUKI SWIFT

year: 2010 → with Keyless System only **programme №:** 115 **from:** 2013-06-24

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

SUZUKI SWIFT

year: 2005 → without Keyless System **programme №:** 115 **from:** 2013-06-24

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

SUZUKI SWIFT

year: 2005 → with Keyless System only **programme №:** 115 **from:** 2013-06-24

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

SUZUKI SX4

year: 2010 → without Keyless System **programme №:** 115 **from:** 2013-06-24

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	Speed 10kmph	Engine run	Egine 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:

SUZUKI SX4

year: 2010 → with Keyless System **programme №:** 115 **from:** 2013-06-24

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	Speed 10kmph	Engine run	Egine 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:

SUZUKI SX4

year: 2006 → without Keyless System **programme №:** 115 **from:** 2013-06-24

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	Speed 10kmph	Engine run	Egine 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: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches:

[en]=> P177

SUZUKI SX4

year: **2006 →** with Keyless System only programme №: **115** from: **2013-06-24**

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	Speed 10kmph	Engine run	Egine 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
1	1	
+	+	

Comments: If the module does not recognise ignition, program 168 has to be set (non-recognision is caused by variety of installed engines).

Switches: Ⓟ

SUZUKI SX4 S-CROSS

year: **2014 →** with Keyless System only programme №: **455** from: **2013-11-26**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ

SUZUKI XL7

year: **2008 →** programme №: **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	Speed 10kmph	Engine run	Egine 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: Ⓟ

TOYOTA AURIS

year: **2013 →** with and without Keyless System programme №: **338** from: **2013-12-11**

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	Speed 10kmph	Engine run	Egine 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, 10/12 & 11/12 way-in does not work.

Switches: Ⓟ

TOYOTA AURIS

year: **2013 →** with and without Keyless System programme №: **338** from: **2013-12-11**

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	Speed 10kmph	Engine run	Egine 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, 10/12 & 11/12 way-in does not work.

Switches: Ⓟ

TOYOTA AURIS

year: **2007 →** with and without Keyless System programme №: **138** from: **2013-09-12**

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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work.

Switches: Ⓟ

[en]=> P177

TOYOTA AVENSIS

year: 2012 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work.Function "Comfort closure" works only when ignition is on. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA AVENSIS

year: 2009 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA CAMRY

year: 2012 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA CAMRY

year: 2007 → with and without Keyless System **programme №:** 138 **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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work.

Switches:

TOYOTA COROLLA

year: 2013 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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:

TOYOTA COROLLA

year: 2010 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work.

Switches:

[en]=> P177

TOYOTA COROLLA

year: 2007 → | with and without Keyless System | **programme №:** 138 | **from:** 2013-09-12

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	Speed 10kmph	Engine run	Egine 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:

TOYOTA FJ CRUISER

year: 2007 → | without Keyless System | **programme №:** 138 | **from:** 2013-09-12

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	Speed 10kmph	Engine run	Egine 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:

TOYOTA GT 86

year: 2012 → | with and without Keyless System | **programme №:** 392 | **from:** 2013-04-11

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	Speed 10kmph	Engine run	Egine 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:

TOYOTA HIGHLANDER

year: 2014 → | with and without Keyless System | **programme №:** 486 | **from:** 2014-02-25

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	Speed 10kmph	Engine run	Egine 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:

TOYOTA HIGHLANDER

year: 2011 → | with and without Keyless System | **programme №:** 138 | **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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA HIGHLANDER

year: 2008 → | with and without Keyless System | **programme №:** 138 | **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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

[en]=> P177

TOYOTA IQ

year: 2009 → | with and without Keyless System | programme №: 138 | from: 2013-09-12

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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work.

Switches:

TOYOTA LAND CRUISER 150 (PRADO)

year: 2012 → | with and without Keyless System | programme №: 138 | from: 2013-09-12

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA LAND CRUISER 150 (PRADO)

year: 2010 → | with and without Keyless System | programme №: 138 | from: 2013-09-12

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA LAND CRUISER 200 (V8)

year: 2012 → | with and without Keyless System | programme №: 138 | from: 2013-11-12

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA LAND CRUISER 200 (V8)

year: 2008 → | with and without Keyless System | programme №: 138 | 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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA PRIUS

year: 2009 → | with and without Keyless System | programme №: 138 | from: 2013-09-12

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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

[en]=> P177

TOYOTA RAV4

year: 2013 → with and without Keyless System **programme №:** 338 **from:** 2013-12-11

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	Speed 10kmph	Engine run	Egine 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, 10/12 & 11/12 way-in does not work. A module controls the car windows witch are marked on driver's door with the letter "A"

Switches:

TOYOTA RAV4

year: 2011 → with and without Keyless System **programme №:** 138 **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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA RAV4

year: 2006 → with and without Keyless System **programme №:** 138 **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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA SEQUOIA

year: 2007 → with and without Keyless System **programme №:** 138 **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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work.

Switches:

TOYOTA TUNDRA

year: 2008 → with and without Keyless System **programme №:** 138 **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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work.

Switches:

TOYOTA URBAN CRUISER

year: 2009 → with and without Keyless System **programme №:** 138 **from:** 2013-09-12

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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

TOYOTA VENZA

year: **2012 →** with and without Keyless System programme №: **138** from: **2013-09-12**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA VERSO

year: **2009 →** with and without Keyless System programme №: **138** from: **2013-09-12**

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	Speed 10kmph	Engine run	Egine 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"" & "Driver door unlock" function does not work.

Switches:

TOYOTA YARIS

year: **2011 →** with and without Keyless System programme №: **338** from: **2013-12-11**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock"" & "Driver door unlock" does not work. A module controls the car windows witch are marked on driver's door with the letter "A".

Switches:

TOYOTA YARIS

year: **2006 →** with and without Keyless System programme №: **138** from: **2013-09-12**

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	Speed 10kmph	Engine run	Egine 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 →** programme №: **123** 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	Speed 10kmph	Engine run	Egine 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 →** programme №: **123** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

VOLVO FH (EURO 6)

year: **2013 →** programme №: **464** from: **2014-02-10**

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	Speed 10kmph	Engine run	Egine 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 →** programme №: **123** 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	Speed 10kmph	Engine run	Egine 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 →** programme №: **123** 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	Speed 10kmph	Engine run	Egine 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 programme №: **294** from: **2014-03-10**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

VOLVO S60

year: **2005 →** programme №: **124** 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	Speed 10kmph	Engine run	Egine 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 S60

year: **2003 →** programme №: **134** 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	Speed 10kmph	Engine run	Egine 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 S80

year: 2012 → without Keyless System **programme №:** 295 **from:** 2013-06-17

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

VOLVO S80

year: 2007 → with and without Keyless System **programme №:** 144 **from:** 2013-07-04

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	Speed 10kmph	Engine run	Egine 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"" opens driver's door or all doors depends from car MENU settings.

Switches:

VOLVO S80

year: 2005 → **programme №:** 124 **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	Speed 10kmph	Engine run	Egine 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 S80

year: 2003 → **programme №:** 134 **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	Speed 10kmph	Engine run	Egine 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 V40 (CROSS COUNTRY)

year: 2013 → **programme №:** 414 **from:** 2013-12-10

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	Speed 10kmph	Engine run	Egine 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 V50

year: 2005 → **programme №:** 123 **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	Speed 10kmph	Engine run	Egine 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 V50

year: **2004 →** programme №: **123** 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	Speed 10kmph	Engine run	Egine 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 V60

year: **2011 →** with and without Keyless System programme №: **294** from: **2014-03-10**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

VOLVO V70

year: **2008 →** with and without Keyless System programme №: **144** from: **2013-07-04**

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	Speed 10kmph	Engine run	Egine 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"" opens driver's door or all doors depends from car MENU settings.

Switches:

VOLVO V70

year: **2005 →** programme №: **124** 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	Speed 10kmph	Engine run	Egine 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 V70

year: **2003 →** programme №: **134** 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	Speed 10kmph	Engine run	Egine 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 XC60

year: **2014 →** programme №: **294** from: **2014-03-10**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches: P RESET OK SET+ SET-

[en]=> P177

VOLVO XC60

year: **2012 →** with and without Keyless System programme №: **294** from: **2014-03-10**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

VOLVO XC60

year: **2010 →** with and without Keyless System programme №: **144** from: **2013-07-04**

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	Speed 10kmph	Engine run	Egine 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"" opens driver's door or all doors depends from car MENU settings.

Switches:

VOLVO XC60

year: **2008 →** with and without Keyless System programme №: **144** from: **2013-07-04**

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	Speed 10kmph	Engine run	Egine 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"" opens driver's door or all doors depends from car MENU settings.

Switches:

VOLVO XC70

year: **2013 →** programme №: **295** from: **2013-12-07**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work.

Switches:

VOLVO XC70

year: **2008 →** with and without Keyless System programme №: **144** from: **2013-07-04**

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	Speed 10kmph	Engine run	Egine 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"" opens driver's door or all doors depends from car MENU settings.

Switches:

VOLVO XC70

year: **2005 →** programme №: **124** 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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

VOLVO XC90

year: **2012 →** without Keyless System | programme №: **124** | 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	Speed 10kmph	Engine run	Egine 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 XC90

year: **2005 →** | programme №: **124** | 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	Speed 10kmph	Engine run	Egine 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: READ RESET

VOLVO XC90

year: **2003 →** | programme №: **134** | 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	Speed 10kmph	Engine run	Egine 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:

VW AMAROK (2H)

year: **2010 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

VW CADDY (2K)

year: **2010 →** with and without Keyless System | programme №: **173** | from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: FL FR RR RL

VW CADDY (2K)

year: **2004 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

VW CARAVELLE (7H)

year: **2003 →** programme №: **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	Speed 10kmph	Engine run	Egine 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:

VW CARAVELLE GP (7H)

year: **2010 →** programme №: **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	Speed 10kmph	Engine run	Egine 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: P

VW CRAFTER (2E)

year: **2006 →** with and without Keyless System programme №: **164** 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	Speed 10kmph	Engine run	Egine 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: P

VW EOS (1F)

year: **2006 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P

VW GOLF 7 (AU)

year: **2013 →** with and without Keyless System programme №: **448** from: **2014-02-21**

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	Speed 10kmph	Engine run	Egine 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, the functions "All doors unlock" & "Driver door unlock" does not work. "Comfort closure" function closes mirrors, "All doors unlock" opens mirrors.

Switches: OK P FL FR RR RL

VW GOLF 6 (1K)

year: **2008 →** with and without Keyless System programme №: **173** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P FL FR RR RL

[en]=> P177

VW GOLF 5 (1K)

year: **2004 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches:

VW GOLF 5 (1K)

year: **2004 →** | programme №: **262** | 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	Speed 10kmph	Engine run	Egine 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:

VW GOLF 4 (1J)

year: **2002 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches:

VW GOLF 4 (1J)

year: **1998 →** | programme №: **165** | 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	Speed 10kmph	Engine run	Egine 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:

VW JETTA (1K)

year: **2010 →** with and without Keyless System | programme №: **173** | from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: FL FR RR RL

VW JETTA (1K)

year: **2005 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches:

[en]=> P177

VW MULTIVAN (7H)

year: **2003 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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.when the central locking is open, "Trunk release" way-in opens and closes rear passenger doors.

Switches:

VW MULTIVAN GP (7H)

year: **2010 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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: P, ↻

VW NEW BEETLE (1C / 9C)

year: **2002 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

VW NEW BEETLE (1C / 9C)

year: **1998 →** | programme №: **165** | 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	Speed 10kmph	Engine run	Egine 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:

VW PASSAT B7 (3C)

year: **2011 →** with and without Keyless System | programme №: **173** | from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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: P, ↻, FL, FR, RR, RL

VW PASSAT B6 (3C)

year: **2005 →** with and without Keyless System | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ↻

[en]=> P177

VW PASSAT B5 (3B)

year: **2001 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: Ⓟ ⟲

VW PASSAT B5 (3B)

year: **1998 →** | programme №: **165** | from: **2014-01-03**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⟲ ⬎

VW PASSAT CC (3C)

year: **2012 →** with and without Keyless System | programme №: **173** | from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⟲ ⬎ FL FR RR RL

VW PASSAT CC (3C)

year: **2009 →** with and without Keyless System | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: Ⓟ ⟲

VW PHAETON (3D)

year: **2003 →** with and without Keyless System | programme №: **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	Speed 10kmph	Engine run	Egine 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: Ⓟ ⟲

VW POLO (61)

year: **2011 →** | programme №: **262** | from: **2013-12-13**

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	Speed 10kmph	Engine run	Egine 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: △ ▽ OK Ⓟ ⟲ ⬎

[en]=> P177

VW POLO (6R)

year: **2009 →** programme №: **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	Speed 10kmph	Engine run	Egine 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: P, ~

VW POLO (9N)

year: **2005 →** programme №: **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	Speed 10kmph	Engine run	Egine 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: P

VW SCIROCCO (13)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ~, FL, FR

VW SCIROCCO (13)

year: **2008 →** with and without Keyless System programme №: **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	Speed 10kmph	Engine run	Egine 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: P, ~

VW SHARAN (7N)

year: **2010 →** with and without Keyless System programme №: **173** from: **2014-03-14**

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.in some cars output "Window roll-down" and "Comfort closure" may not work

Switches: P, ~, FL, FR, RR, RL

VW T5 (7H)

year: **2003 →** programme №: **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	Speed 10kmph	Engine run	Egine 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:

[en]=> P177

VW T5 GP (7H)

year: 2010 → **programme №:** 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	Speed 10kmph	Engine run	Egine 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: P, ~

VW TIGUAN (5N)

year: 2010 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ~, FL, FR, RR, RL

VW TIGUAN (5N)

year: 2007 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ~

VW TOUAREG (7P)

year: 2010 → with and without Keyless System **programme №:** 273 **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	Speed 10kmph	Engine run	Egine 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,"Trunk release" & "All doors unlock" function does not work.

Switches: P, ~

VW TOUAREG (7L)

year: 2003 → with and without Keyless System **programme №:** 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	Speed 10kmph	Engine run	Egine 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: P, ~

VW TOURAN (1T)

year: 2010 → with and without Keyless System **programme №:** 173 **from:** 2014-03-14

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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches: P, ~, FL, FR, RR, RL

[en]=> P177

VW TOURAN (1T)

year: **2003 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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 "Trunk release" works only with central locking opened.

Switches:

VW TRANSPORTER (7H)

year: **2003 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

VW TRANSPORTER GP (7H)

year: **2010 →** | programme №: **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	Speed 10kmph	Engine run	Egine 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:

Attention:

\+ - Aletrnative control.

Wen 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

FRONT GLASS HEATING

REAR GLASS HEATING

STERING WEEL 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

INCREASE FAN

DECREASE FAN

FAN MODE

SET TIRE PRESSURE

PARK ASSIST

PARKTRONIC OFF

WEBASTO

ESP_OFF

i-stop OFF

RVM

LC

AFS OFF

SPORT

NORMAL

ECO

HEIGHT HIGH

SNOW

SRC

TOUR

READ

RESET

MODE

ENTER

OK

HOME

ESC

OFF

NAVI

MUSIC

TEL

SOURCE

INFO

MAIN

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

CACEL 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

CALL

END CALL

MUTE

1

2

3

4

5

6

7

8

9

0

Star

Grid

C