

TESLA MODEL X (Electric)

year: 2016 →

with Keyless System

program №: 13737

from: 2021-07-13

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

Switches

TGB BLADE

year: 2022 →

program №: 14177

from: 2022-04-15

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

TOYOTA 4RUNNER (N280)

year: 2010 →

with and without Keyless System

program №: 11138

from: 2017-09-01

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

TOYOTA AGYA (RHD)

year: 2014 →

without Keyless System

program №: 12496

from: 2018-10-07

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

TOYOTA ALPHARD (RHD)

year: 2018 →

program №: 12197

from: 2018-02-05

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

Switches

TOYOTA ALPHARD										year: 2015 →										program №: 12197										from: 2018-02-05								
connector 8 pin										connector 15 pin										connector 10 pin																		
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN L	OUT +	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	OUT	OUT						
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L		Alternative blink control	Alt. contr. centr. lock		Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V				
1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10					
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			

Attention:

Switches

TOYOTA ALPHARD (RHD)										year: 2014 →										with and without Keyless System										program №: 11573										from: 2017-09-01		
connector 8 pin										connector 15 pin										connector 10 pin																						
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN L	OUT +	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	OUT	OUT										
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L		Alternative blink control	Alt. contr. centr. lock		Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V								
1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10									
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Attention:

Switches

TOYOTA ALPHARD										year: 2012 →										with and without Keyless System										program №: 11573										from: 2017-09-01		
connector 8 pin										connector 15 pin										connector 10 pin																						
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN L	OUT +	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	OUT	OUT										
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L		Alternative blink control	Alt. contr. centr. lock		Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V								
1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10									
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Attention:

Switches

TOYOTA AURIS (Hybrid)										year: 2015 →										with and without Keyless System										program №: 11822										from: 2022-04-25		
connector 8 pin										connector 15 pin										connector 10 pin																						
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN L	OUT +	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	OUT	OUT										
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L		Alternative blink control	Alt. contr. centr. lock		Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V								
1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10									
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Attention:

Switches

TOYOTA AURIS										year: 2013 →										with and without Keyless System										program №: 11338										from: 2017-09-01		
connector 8 pin										connector 15 pin										connector 10 pin																						
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN L	OUT +	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT	OUT	OUT										
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L		Alternative blink control	Alt. contr. centr. lock		Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V								
1	2	3	4	5	6	7	8	9	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10									
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+							

Attention:

Switches

TOYOTA COROLLA (Hybrid)

year: 2019 →

with and without Keyless System

program №: 12933

from: 2022-04-25

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

TOYOTA COROLLA

year: 2019 →

with and without Keyless System

program №: 13541

from: 2022-04-25

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

TOYOTA COROLLA

year: 2017 →

with and without Keyless System

program №: 12386

from: 2022-04-25

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

TOYOTA COROLLA

year: 2013 →

with and without Keyless System

program №: 11338

from: 2017-09-01

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

TOYOTA COROLLA

year: 2010 →

with and without Keyless System

program №: 11138

from: 2017-09-01

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm	Contr.c.lock. when ign.is on	Comfort closure
+	+	+

Attention:

Switches

TOYOTA COROLLA

year: 2007 →

with and without Keyless System

program №: 11138

from: 2017-09-01

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Comfort closure

Attention:

TOYOTA COROLLA ALTIS (RHD)

year: 2014 →

with and without Keyless System

program №: 12536

from: 2021-09-29

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Comfort closure

Attention:

TOYOTA FJ CRUISER

year: 2007 →

without Keyless System

program №: 11138

from: 2017-09-01

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Comfort closure

Attention:

TOYOTA FORTUNER (RHD)

year: 2015 →

without Keyless System

program №: 12166

from: 2021-09-29

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Comfort closure

Attention:

TOYOTA FORTUNER

year: 2015 →

without Keyless System

program №: 12166

from: 2021-09-29

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock. when ign.is on
Comfort closure

Attention:

Switches

TOYOTA HIACE										year: 2020 →										with and without Keyless System										program No: 13317										from: 2021-09-29												
connector 8 pin								OUT +		OUT +		connector 15 pin								OUT +		OUT +		connector 10 pin								OUT +		OUT +																		
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT +	OUT +	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT +	OUT +	OUT +	OUT +										
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock	Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V	Contr. of factory alarm	Contr. c.lock. when ign.is on	Comfort closure																	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Attention:

Switches

TOYOTA HIACE										year: 2006 →										with and without Keyless System										program No: 11138										from: 2017-09-01												
connector 8 pin								OUT +		OUT +		connector 15 pin								OUT +		OUT +		connector 10 pin								OUT +		OUT +																		
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT +	OUT +	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT +	OUT +	OUT +	OUT +											
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock	Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V	Contr. of factory alarm	Contr. c.lock. when ign.is on	Comfort closure																	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Attention:

Switches

TOYOTA HIGHLANDER (Hybrid)										year: 2021 →										with and without Keyless System										program No: 13579										from: 2022-07-11												
connector 8 pin								OUT +		OUT +		connector 15 pin								OUT +		OUT +		connector 10 pin								OUT +		OUT +																		
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT +	OUT +	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT +	OUT +	OUT +	OUT +											
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock	Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V	Contr. of factory alarm	Contr. c.lock. when ign.is on	Comfort closure																	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Attention:

Switches

TOYOTA HIGHLANDER										year: 2014 →										with and without Keyless System										program No: 11486										from: 2017-09-01												
connector 8 pin								OUT +		OUT +		connector 15 pin								OUT +		OUT +		connector 10 pin								OUT +		OUT +																		
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT +	OUT +	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT +	OUT +	OUT +	OUT +											
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock	Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V	Contr. of factory alarm	Contr. c.lock. when ign.is on	Comfort closure																	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Attention:

Switches

TOYOTA HIGHLANDER										year: 2011 →										with and without Keyless System										program No: 11138										from: 2017-09-01												
connector 8 pin								OUT +		OUT +		connector 15 pin								OUT +		OUT +		connector 10 pin								OUT +		OUT +																		
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT +	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT +	OUT +	OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	OUT +	OUT +	OUT +	OUT +											
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock	Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted	Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V	Contr. of factory alarm	Contr. c.lock. when ign.is on	Comfort closure																	
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6	7	8	9	10

Attention:

Switches

TOYOTA LAND CRUISER 200 (4,0L V6 PETROL)

year: 2012 →

with and without Keyless System

program №: 12483

from: 2021-09-29

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock, when ign.is on
Comfort closure

Attention:



TOYOTA LAND CRUISER 200 (4,5L V8 DIESEL)

year: 2008 →

with and without Keyless System

program №: 12221

from: 2021-09-29

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock, when ign.is on
Comfort closure

Attention:



TOYOTA LAND CRUISER 200 (4,7L V8 PETROL)

year: 2008 →

with and without Keyless System

program №: 12316

from: 2021-09-29

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock, when ign.is on
Comfort closure

Attention:



TOYOTA LAND CRUISER 200 (5,7L V8 PETROL)

year: 2008 →

with and without Keyless System

program №: 12478

from: 2021-09-29

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock, when ign.is on
Comfort closure

Attention:



TOYOTA LAND CRUISER 200 (4,0L V6 PETROL)

year: 2008 →

with and without Keyless System

program №: 12484

from: 2021-09-29

connector 8 pin							
CAN H	CAN L	CAN H	CAN L	CAN H	CAN L	OUT +	OUT -
CAN1-H	CAN1-L	CAN2-H	CAN2-L	CAN3-H	CAN3-L	Alternative blink control	Alt. contr. centr. lock
1	2	3	4	5	6	7	8
+	+	+	+	+	+	+	+

connector 15 pin														
OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT
Driver door sensor	Passengers door sensor	Trunk lid	Hood sense	Original alarm++	Arming state	Lock factory remote	Unlock factory remote	Any button pressed	Handbrake / Parking	Speed 10kmph	Engine running	Engine speed (RPM)	Ignition	Key inserted
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

connector 10 pin									
OUT	IN	IN	IN	IN	IN	IN	IN	IN	IN
Footbrake	Drivers door opening sim.	Turn off the engine	Turn on the engine	Turn signal control	Trunk release	Opening all doors	Closing all doors	GND	PWR +12V
1	2	3	4	5	6	7	8	9	10
+	+	+	+	+	+	+	+	+	+

Contr. of factory alarm
Contr.c.lock, when ign.is on
Comfort closure

Attention:



