

MAZDA MX5 (NC)										year: 2005 →										program No: 11195										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	OUT +	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			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:

MERCEDES A (177)										year: 2018 →										with and without Keyless System										program No: 12425										from: 2021-08-25		
connector 8 pin										connector 15 pin										connector 10 pin																						
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	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			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:

MERCEDES A (177) (Hybrid) (Plug-in)										year: 2018 →										with and without Keyless System										program No: 13641										from: 2021-08-25		
connector 8 pin										connector 15 pin										connector 10 pin																						
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	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			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:

MERCEDES A (176)										year: 2013 →										with and without Keyless System										program No: 11399										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	OUT +	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			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:

MERCEDES A (169)										year: 2004 →										with and without Keyless System										program No: 11162										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	OUT +	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			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:







MERCEDES C (204)								year: 2007 →	with and without Keyless System	program №: 13242	from: 2020-06-18																								
connector 8 pin								connector 15 pin							connector 10 pin																				
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	IN	IN	IN	IN	IN	IN	IN	IN									
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	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Attention:

MERCEDES C (203)								year: 2001 →	with and without Keyless System	program №: 11159	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	OUT +	OUT -	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	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	+	+	+	+	+	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Attention:

MERCEDES CITAN (420)								year: 2022 →	with and without Keyless System	program №: 14115	from: 2022-04-20																											
connector 8 pin								connector 15 pin							connector 10 pin																							
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	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	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	+	+	+	+	+	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Attention:

MERCEDES CITAN (415)								year: 2017 →	with and without Keyless System	program №: 12247	from: 2018-03-06																											
connector 8 pin								connector 15 pin							connector 10 pin																							
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	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	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	+	+	+	+	+	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Attention:

MERCEDES CITAN (415)								year: 2012 →	with and without Keyless System	program №: 11174	from: 2021-09-09																											
connector 8 pin								connector 15 pin							connector 10 pin																							
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	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	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	+	+	+	+	+	
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Attention:













**MERCEDES GL (164)**

year: 2006 →

with and without Keyless System

program №: 11117

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

**MERCEDES GLA (156)**

year: 2018 →

with and without Keyless System

program №: 13199

from: 2020-01-17

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

**MERCEDES GLA (156)**

year: 2014 →

with and without Keyless System

program №: 11399

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

**MERCEDES GLC (253) (Coupe)**

year: 2020 →

with and without Keyless System

program №: 12881

from: 2021-08-25

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:

Switches

**MERCEDES GLC (253)**

year: 2020 →

with and without Keyless System

program №: 13657

from: 2021-08-25

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:

Switches







MERCEDES ML (164)								year: 2005 →	with and without Keyless System	program No: 11117	from: 2019-04-23																								
connector 8 pin								connector 15 pin							connector 10 pin																				
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	IN	IN	IN	IN	IN	IN	IN	IN									
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	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Attention:

Switches

MERCEDES ML (163)								year: 1998 →	with and without Keyless System	program No: 11246	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	OUT +	OUT -	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	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	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Attention:

Switches

MERCEDES R (251)								year: 2006 →	with and without Keyless System	program No: 11117	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	OUT +	OUT -	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	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	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Attention:

Switches

MERCEDES S (223)								year: 2021 →	with and without Keyless System	program No: 13733	from: 2021-07-21																										
connector 8 pin								connector 15 pin							connector 10 pin																						
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	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	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	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Attention:

Switches

MERCEDES S (222)								year: 2018 →	with and without Keyless System	program No: 12118	from: 2021-08-25																										
connector 8 pin								connector 15 pin							connector 10 pin																						
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	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	OUT	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	+	+	+	+	+
+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Attention:

Switches

**MERCEDES S (217) (Coupe)**

year: 2015 →

with and without Keyless System

program №: 12663

from: 2019-05-15

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:



**MERCEDES S (222)**

year: 2013 →

with and without Keyless System

program №: 11485

from: 2019-05-15

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:



**MERCEDES S (221)**

year: 2009 →

with and without Keyless System

program №: 11141

from: 2021-04-01

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:



**MERCEDES S (221)**

year: 2005 →

with and without Keyless System

program №: 12614

from: 2019-03-05

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:



**MERCEDES S (220)**

year: 2002 →

with and without Keyless System

program №: 11125

from: 2019-11-28

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:



**MERCEDES S (220)**

year: 1998 →

with and without Keyless System

program №: 11125

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

**MERCEDES SL (231)**

year: 2012 →

with and without Keyless System

program №: 12844

from: 2019-09-20

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

**MERCEDES SL (230)**

year: 2008 →

with and without Keyless System

program №: 13245

from: 2022-06-15

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:

Switches

**MERCEDES SL (230)**

year: 2004 →

with and without Keyless System

program №: 13777

from: 2022-06-15

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:

Switches

**MERCEDES SL (230)**

year: 2001 →

with and without Keyless System

program №: 11125

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





**MERCEDES V (447)**

year: 2014 →

program №: 11521

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

**MERCEDES VIANO (639)**

year: 2011 →

with and without Keyless System

program №: 11164

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

**MERCEDES VIANO (639)**

year: 2003 →

with and without Keyless System

program №: 11164

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

**MERCEDES VITO (447)**

year: 2019 →

with and without Keyless System

program №: 13735

from: 2021-08-25

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:

Switches

**MERCEDES VITO (447)**

year: 2014 →

with and without Keyless System

program №: 11856

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

