MaxiSys_Smart_V2.20 Function List (Note:For reference only)

● This function is supported.
○ This function is not supported.
※ This function may be supported, which depends on the actual condition of the vehicle.
▲ This function is the new feature in this version.
As for special function please refer to the special function table.

Model year	Vehicle Type	Model Series	System Name	Ecu Info.	Read Codes	Event Memory	Erase Codes	Live Data	Freeze Frame	Active Test	Special Function
From 1998 to 2002	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N3/10 (MEG motor electronics control unit)	●	●	○	●	●	○	●	
From 1998 to 2002	smart fortwo(A/C450)	Gasoline engine/Diesel	N47-7 (ABS control module)	●	●	○	●	●	※	●	
From 1998 to 2002	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N2/7 (Restraint systems control unit)	●	●	○	●	●	○	●	
From 1998 to 2002	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N2/7 (Restraint systems control unit)	●	●	○	●	●	※	●	
From 1998 to 2002	smart fortwo(A/C450)	Gasoline engine/Diesel	A1 (Instrument cluster)	●	●	○	●	●	※	●	
From 1998 to 2002	smart fortwo(A/C450)	Gasoline engine/Diesel	N10 (Central electronics)	●	●	○	●	●	※	●	F001
From 1998 to 2002	smart fortwo(A/C450)	Gasoline engine/Diesel	N3/9 (EDG control unit)	●	●	○	●	●	●	●	
From 2003 to 2004	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N3/10 (MEG motor electronics control unit)	●	●	○	●	●	●	●	
From 2003 to 2004	smart fortwo(A/C450)	Gasoline engine/Diesel	N47-5 (ESP control unit)	●	●	○	●	●	○	○	
From 2003 to 2004	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N2/7 (Restraint systems control unit)	●	●	○	●	●	※	●	
From 2003 to 2004	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N2/7 (Restraint systems control unit)	●	●	○	●	●	○	●	
From 2003 to 2004	smart fortwo(A/C450)	Gasoline engine/Diesel	A1 (Instrument cluster)	●	●	○	●	●	※	●	
From 2003 to 2004	smart fortwo(A/C450)	Gasoline engine/Diesel	N10/10 (SAM control unit)	●	●	○	●	●	○	●	F002 F001
From 2003 to 2004	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N68 (Steering assist control module)	●	●	○	●	●	○	○	
From 2003 to 2004	smart fortwo(A/C450)	Gasoline engine/Diesel	N3/9 (EDG control unit)	●	●	○	●	●	●	●	
Up to 2005	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N3/10 (MEG motor electronics control unit)	●	●	○	●	●	●	●	
Up to 2005	smart fortwo(A/C450)	Gasoline engine/Diesel	N47-5 (ESP control unit)	●	●	○	●	●	○	●	
Up to 2005	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N2/7 (Restraint systems control unit)	●	●	○	●	●	○	●	
Up to 2005	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N2/7 (Restraint systems control unit)	●	●	○	●	●	※	●	
Up to 2005	smart fortwo(A/C450)	Gasoline engine/Diesel	A1 (Instrument cluster)	●	●	○	●	●	※	●	
Up to 2005	smart fortwo(A/C450)	Gasoline engine/Diesel	N10/10 (SAM control unit)	●	●	○	●	●	○	●	F002 F001
Up to 2005	smart fortwo(A/C450)	Gasoline engine/Diesel engine	N68 (Steering assist control module)	●	●	○	●	●	○	○	
Up to 2005	smart fortwo(A/C450)	Gasoline engine/Diesel	N3/9 (EDG control unit)	●	●	○	●	●	●	●	
As of 2002	smart fortwo(A/C450)	Crossblade	N3/10 (MEG motor electronics control unit)	●	●	○	●	●	●	●	
As of 2002	smart fortwo(A/C450)	Crossblade	N47-5 (ESP control unit)	●	●	○	●	●	○	○	

Model year	Vehicle Type	Model Series	System Name	Ecu Info.	Read Codes	Event Memory	Erase Codes	Live Data	Freeze Frame	Active Test	Special Function
As of 2002	smart fortwo(A/C450)	Crossblade	N2/7 (Restraint systems control unit)	●	●	○	●	●	※	●	
As of 2002	smart fortwo(A/C450)	Crossblade	N2/7 (Restraint systems control unit)	●	●	○	●	●	○	●	
As of 2002	smart fortwo(A/C450)	Crossblade	A1 (Instrument cluster)	●	●	○	●	●	※	●	
As of 2002	smart fortwo(A/C450)	Crossblade	N10/10 (SAM control unit)	●	●	○	●	●	○	●	F002 F001
As of 2002	smart fortwo(A/C450)	Crossblade	N68 (Steering assist control module)	●	●	○	●	●	○	○	
From 2003 to 2005	smart roadster(R/C452)	Roadster/Roadster coupe	N3/10 (MEG motor electronics control unit)	●	●	○	●	●	●	●	
From 2003 to 2005	smart	Roadster/Roadster coupe	N47-5 (ESP control unit)	●	●	○	●	●	○	○	
From 2003 to 2005	smart roadster(R/C452)	Roadster/Roadster coupe	N2/7 (Restraint systems control unit)	●	●	○	●	●	●	○	
From 2003 to 2005	smart	Roadster/Roadster coupe	A1 (Instrument cluster)	●	●	○	●	●	○	●	F003 F004 F005
From 2003 to 2005	smart	Roadster/Roadster coupe	N10/10 (SAM control unit)	●	●	○	●	●	○	●	F002 F001
From 2003 to 2005	smart roadster(R/C452)	Roadster/Roadster coupe	N68 (Steering assist control module)	●	●	○	●	●	○	○	
From 2004 to 2006	smart roadster(R/C454)	Gasoline engine	N3/10 (MEG motor electronics control unit)	●	●	○	●	●	●	●	F006
From 2004 to 2006	smart	Gasoline engine	N47-5 (ESP control unit)	●	●	○	●	●	○	●	
From 2004 to 2006	smart roadster(R/C454)	Gasoline engine	N2/7 (Restraint systems control unit)	●	●	○	●	●	○	●	
From 2004 to 2006	smart	Gasoline engine	A1 (Instrument cluster)	●	●	○	●	●	●	●	F003 F005
From 2004 to 2006	smart roadster(R/C454)	Gasoline engine	N93 (Central gateway control unit)	●	●	○	●	●	○	○	
From 2004 to 2006	smart roadster(R/C454)	Gasoline engine	N68 (Steering assist control module)	●	●	○	●	●	○	●	
From 2004 to 2006	smart	Gasoline engine	N10/10 (Left SAM control	●	●	○	●	●	○	●	F007 F006
From 2004 to 2006	smart roadster(R/C454)	Gasoline engine	N22 (AAC [KLA] control and operating unit)	●	●	○	●	●	○	●	
From 2004 to 2006	smart roadster(R/C454)	Gasoline engine	Multifunction steering wheel	●	●	○	●	●	●	●	F008 F009 F00A F00B F00C F00D F00E F00F F010 F011 F012 F013 F014 F015 F016 F017 F018 F019 F01A F01B F01C
From 2004 to 2006	smart	Gasoline engine	A2 (smart radio five)	●	●	○	●	●	●	●	
From 2004 to 2006	smart	Gasoline engine	Audio gateway	●	●	○	●	●	●	●	
From 2004 to 2006	smart roadster(R/C454)	Gasoline engine	Audio 20 with integrated audio gateway	●	●	○	●	●	●	●	
From 2004 to 2006	smart	Gasoline engine	COMAND or AUDIO	●	●	○	●	●	●	●	
From 2004 to 2006	smart	Gasoline engine	CD changer	●	●	○	●	●	●	○	
From 2004 to 2006	smart	Gasoline engine	Telecommunications	●	●	○	●	●	●	○	
From 2004 to 2006	smart	Gasoline engine	N47-7 (ABS control module)	●	●	○	●	●	○	●	
From 2004 to 2006	smart	Diesel engine	N3/9 (EDG control unit)	●	●	○	●	●	●	●	F01D F006 F01E F01F
From 2004 to 2006	smart	Diesel engine	N47-5 (ESP control unit)	●	●	○	●	●	○	●	

Model year	Vehicle Type	Model Series	System Name	Ecu Info.	Read Codes	Event Memory	Erase Codes	Live Data	Freeze Frame	Active Test	Special Function
From 2004 to 2006	smart roadster(R/C454)	Diesel engine	N2/7 (Restraint systems control unit)	●	●	○	●	●	○	●	
From 2004 to 2006	smart	Diesel engine	A1 (Instrument cluster)	●	●	○	●	●	●	●	F003 F005
From 2004 to 2006	smart roadster(R/C454)	Diesel engine	N93 (Central gateway control unit)	●	●	○	●	●	○	○	
From 2004 to 2006	smart roadster(R/C454)	Diesel engine	N68 (Steering assist control module)	●	●	○	●	●	○	●	
From 2004 to 2006	smart	Diesel engine	N10/10 (Left SAM control	●	●	○	●	●	○	●	F007 F006
From 2004 to 2006	smart roadster(R/C454)	Diesel engine	N22 (AAC [KLA] control and operating unit)	●	●	○	●	●	○	●	
From 2004 to 2006	smart roadster(R/C454)	Diesel engine	Multifunction steering wheel	●	●	○	●	●	●	●	F008 F009 F00A F00B F00C F00D F00E F00F F010 F011 F012 F013 F014 F015 F016 F017 F018 F019 F01A F01B F01C
From 2004 to 2006	smart	Diesel engine	A2 (smart radio five)	●	●	○	●	●	●	●	
From 2004 to 2006	smart	Diesel engine	Audio gateway	●	●	○	●	●	●	●	
From 2004 to 2006	smart roadster(R/C454)	Diesel engine	Audio 20 with integrated audio gateway	●	●	○	●	●	●	●	
From 2004 to 2006	smart	Diesel engine	COMAND or AUDIO	●	●	○	●	●	●	●	
From 2004 to 2006	smart	Diesel engine	CD changer	●	●	○	●	●	●	○	
From 2004 to 2006	smart	Diesel engine	Telecommunications	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N3/10 (ME-SFI [ME] control unit)	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N15/6 (Sprintshift control module)	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N47-5 (ESP control unit)	●	●	○	●	●	●	●	F020 F021 F001
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N2/7 (Restraint systems control unit)	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	A1 (Instrument cluster)	●	●	○	●	●	○	●	F001 F003 F022 F023
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N88/1 (Tire pressure monitoring system (TPM	●	●	○	●	●	○	●	F024
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N10/10 (SAM control unit)	●	●	○	●	●	●	●	F007 F025 F026 F001 F027 F028 F029 F02A F02B F02C
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N68 (Steering assist control module)	●	●	○	●	●	○	○	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N23 (Heater/air conditioning operating	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N15/5 (Electronic selector lever module control unit)	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N110 (Weight Sensing System (WSS) control unit)	●	●	○	●	●	○	○	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N129 (Starter generator	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N3/9 (CDI control unit)	●	●	○	●	●	●	●	F02D F01E F02E F02F

Model year	Vehicle Type	Model Series	System Name	Ecu Info.	Read Codes	Event Memory	Erase Codes	Live Data	Freeze Frame	Active Test	Special Function
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N65/3 (Brake booster vacuum pump control module)	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N19/4 (Electric refrigerant compressor control unit)	●	●	●	●	●	○	○	F030
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N129/1 (Power electronics control unit)	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N127 (Drivetrain control	●	●	○	●	●	●	●	F031 F032 F033
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N2/1 (Crash sensor, high-voltage battery)	●	●	○	●	●	●	○	F034
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N82/2 (Battery management system control unit)	●	●	○	●	●	●	●	F035 F036
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N83/10 (Onboard charger	●	●	○	●	●	●	●	F037 F038
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N83 (Onboard charger 3kW)	●	●	○	●	●	●	●	F037 F038
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N83n1 (Powerline gateway control unit)	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	H4/16 (Electric vehicle sound generator)	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	Rest of world(coupe/cabrio)	N112/2 (Electric vehicle communication module control unit)	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N3/10 (ME-SFI [ME] control unit)	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N15/6 (Sprintshift control module)	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N47-5 (ESP control unit)	●	●	○	●	●	●	●	F020 F021 F001
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N2/7 (Restraint systems control unit)	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	A1 (Instrument cluster)	●	●	○	●	●	○	●	F001 F003 F022 F023
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N88/1 (Tire pressure monitoring system (TPM	●	●	○	●	●	○	●	F024
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N10/10 (SAM control unit)	●	●	○	●	●	●	●	F007 F025 F026 F001 F027 F028 F029 F02A F02B F02C
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N68 (Steering assist control module)	●	●	○	●	●	○	○	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N23 (Heater/air conditioning operating	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N15/5 (Electronic selector lever module control unit)	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N110 (Weight Sensing System (WSS) control unit)	●	●	○	●	●	○	○	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N65/3 (Brake booster vacuum pump control module)	●	●	○	●	●	●	●	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N19/4 (Electric refrigerant compressor control unit)	●	●	●	●	●	○	○	F030
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N129/1 (Power electronics control unit)	●	●	○	●	●	●	○	

Model year	Vehicle Type	Model Series	System Name	Ecu Info.	Read Codes	Event Memory	Erase Codes	Live Data	Freeze Frame	Active Test	Special Function
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N127 (Drivetrain control	●	●	○	●	●	●	●	F031 F032 F033
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N2/1 (Crash sensor, high-voltage battery)	●	●	○	●	●	●	○	F034
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N82/2 (Battery management system control unit)	●	●	○	●	●	●	●	F035 F036
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N83/10 (Onboard charger	●	●	○	●	●	●	●	F037 F038
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N83 (Onboard charger 3kW)	●	●	○	●	●	●	●	F037 F038
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N83n1 (Powerline gateway control unit)	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	H4/16 (Electric vehicle sound generator)	●	●	○	●	●	●	○	
From 2007 to 2008	smart fortwo(C/A451)	USA/Canada(coupe/cabriolet)	N112/2 (Electric vehicle communication module control unit)	●	●	○	●	●	●	○	

Special_Function

index	Specil Function Name	index	Specil Function Name
F001	Control module reset	F002	Retrofits
F003	Reset of maintenance interval display	F004	Reset of maintenance interval display at a driving distance of < 200 km(124 mile) since the last oil
F005	Writing of maintenance interval display	F006	Writing of the VIN
F007	Technical information on component: Remote control key	F008	9000 Control unit Multifunction steering wheel is defective.
F009	9010 The supply voltage of the control unit is too low (undervoltage).	F00A	9011 The supply voltage of the control unit is too high (overvoltage).
F00B	9326 Component S40/4 (CC switch with variable speed limiter) is defective.	F00C	9327 Switch RAISE VOLUME has been operated for longer than 50 seconds or has Short circuit.
F00D	9328 Switch REDUCE VOLUME has been operated for longer than 50 seconds or has Short	F00E	9329 Switch Previous subordinate menu has been operated for longer than 50 seconds or has Short
F00F	9330 Switch Next subordinate menu has been operated for longer than 50 seconds or has Short circuit.	F010	9331 Switch Previous menu has been operated for longer than 50 seconds or has Short circuit.
F011	9332 Switch Next menu has been operated for longer than 50 seconds or has Short circuit.	F012	9333 Switch ACCEPT CALL has been operated for longer than 50 seconds or has Short circuit.
F013	9334 Switch END CALL has been operated for longer than 50 seconds or has Short circuit.	F014	9335 Switch S111/1 (Steering wheel gear shifter PLUS) has been operated for longer than 50 seconds or has Short circuit.
F015	9336 Switch S110/1 (Steering wheel gear shifter MINUS) has been operated for longer than 50 seconds or has Short circuit.	F016	9337 Component S111/1 (Steering wheel gear shifter PLUS) has an open circuit in the wiring.
F017	9338 Component S110/1 (Steering wheel gear shifter MINUS) has an open circuit in the	F018	9345 Fault in CAN communication with control unit Instrument cluster.
F019	9346 Fault in CAN communication with control unit Instrument cluster.	F01A	9347 Fault in CAN communication with control unit N10/10 (Driver-side SAM control module).
F01B	9350 CAN bus OFF	F01C	9356 Short circuit or open circuit of CAN wires
F01D	Check VIN in control module N3/9 (EDG control unit).	F01E	Replace component Diesel particulate filter.
F01F	Purge control Diesel particulate filter	F020	Carry out calibration of steering angle sensor.
F021	Calibration of steering angle sensor	F022	Resetting maintenance interval display with main odometer reading < 250 km(155 mile)
F023	ASSYST settings	F024	Write wheel electronics identification number.
F025	Carry out control unit assignment.(N10/10 (SAM control unit)-Engine control module)	F026	Carry out control unit assignment.(N10/10 (SAM control unit)-N129/1 (Power electronics control
F027	Special function Parameterization of vehicle equipment	F028	Check of retrofit options(SA code V07 or 240)
F029	Check of retrofit options(Special equipment code K06)	F02A	Program key transponder codes.
F02B	Activation of functionality 'CAR2GO'(Only valid for vehicles with special equipment 'P02	F02C	Deactivation of functionality 'CAR2GO'(Only valid for vehicles with special equipment 'P02 + K20')
F02D	Adjustment of injector injection quantities	F02E	Regeneration of diesel particulate filter when
F02F	Learning processes	F030	Check component A9/5 (Electric refrigerant
F031	Activate regulation of vacuum pump for supplying brake system.	F032	Activate transport mode.
F033	Deactivate transport mode.	F034	Carry out control unit reset.
F035	Detach transport protection.	F036	Voltage comparison
F037	Unlocking of high-voltage component lock	F038	Locking of high-voltage component lock