

How to read this list:	
Mark	Description
√	Function is supported.
Ignore	Not available at the moment.
*√	Newly added function and be successfully tested.
?	Newly added function and need testing.

The Version mainly update content as follows:

A. New add

1. New added Service functions as follows:

a) New added special functions for 318i,320d on 3 series E90/E91/E92/E93, as follows:

(1)CBS reset

(2)Adjustment,steering-angle sensor

b) New added special functions for 116i,118i,120d on 1 series E87/E88, as follows:

(1)CBS reset

(2)Adjustment,steering-angle sensor

(3)Learning Valvetronic limit positions

c) New added special functions for EWS of mini one,cooper,cooper s on MINI R50/R52/R53, as follows:

(1)Disable/enable key

(2)Aligment DME-EWS

2. New added systems for 318i,320d on 3 series E90/E91/E92/E93 and 116i,118i,120d on 1 series E87/E88.

3. New added X5_3.0d DDE3.0, DDE4.0

4. New added systems for mini one,cooper,cooper s on MINI R50/R52/R53

B. Solved customer's Non-conformance reports:

(1) about 320d,mini.

C. fix bugs:

(1) test 301 systems, fixed bugs 88.

BMW/MINI Function List V5.5											
Menu					Functions						
Brand	Year	Model	Vehicle Type/Emission	System	ECU Supplier	Sys. Info	Read Code	Clear Code	Data Stream	Actuations	Special Functions
BMW				Quick test	Quick test						
BMW				Drive	Quick test	√	√	√			
BMW			CAS Car Access System		*√	*√	*√	*√	*√		
BMW			DME/DDE Motor Electronics		*√	*√	*√	*√	*√	*√	
BMW			EGS transmission control		*√	*√	*√	*√	*√	*√	

BMW	2004-2006	1 Series _E87	116i, 118i, 120d		EKP Fuel pump	*√	*√	*√	*√	*√					
BMW					Quick test	√	√	√							
BMW					Chassis	AL active steering	*√	*√	*√	*√	*√				
BMW						ARS Dynamic Drive 2	*√	*√	*√	*√	*√	*√			
BMW						DSC Dynamic Stability Control	*√	*√	*√	*√	*√	*√			
BMW							Quick test	√	√	√					
BMW					Body	RAD2-BO User interface	*√	*√	*√	*√	*√	*√			
BMW						RAD2-GW Gateway	*√	*√	*√	*√	*√				
BMW						CDC CD Changer	*√	*√	*√	*√	*√				
BMW						CID Central Information Display	*√	*√	*√	*√	*√	*√			
BMW						CON Controller	*√	*√	*√	*√	*√	*√			
BMW						DWA anti-theft alarm system	*√	*√	*√	*√	*√	*√			
BMW						SINE Siren with tilt sensor	*√	*√	*√	*√	*√	*√			
BMW						FRM/FRM2 Footwell module	*√	*√	*√	*√	*√	*√			
BMW						FZD Function centre, roof	*√	*√	*√	*√	*√	*√			
BMW						IHKA Integrated automatic heating/air conditioning	*√	*√	*√	*√	*√	*√			
BMW						JBE Junction-box electronics	*√	*√	*√	*√	*√	*√			
BMW						INSTR Instrument cluster	*√	*√	*√	*√	*√	*√			
BMW						M-ASK-NAV Navigation system	√	√	√	√	√	√			
BMW						MRS Multiple Restraint System	*√	*√	*√	*√	*√				
BMW						PDC Park Distance Control	*√	*√	*√	*√	*√	*√			
BMW						RLSS Solar Rain/Light Sensor	*√	*√	*√	*√	*√	*√			
BMW						SMFA Seat module, driver	*√	*√	*√	*√	*√	*√			
BMW						SMBF Seat module, passenger	*√	*√	*√	*√	*√	*√			
BMW						TCU Telematic control unit	*√	*√	*√	*√	*√	*√			
BMW						SHD Sliding/tilting sunroof	*√	*√	*√	*√	*√	*√			
BMW					MOST-system analysis	*√		*√							
BMW					CAN /byteflight	*√	*√								
BMW	2004-2006			Service functions	Maintenance\CBS reset							1 Engine oil 2 Microfilter 3 Front brake 4 Rear brake 5 Diesel filter 6 Spark plugs 8 Brake fluid 9 Vehicle check 10 Vehicle inspection: 11 Exhaust emission inspection:			
BMW					Maintenance>Delete transport mode							Delete transport mode *√			
BMW					Drive\Digital Motor Electronics							Learning Valvetronic limit positions *√			
BMW					Chassis\Wheel-slip control system							Adjustment, steering-angle sensor *√			

BMW				Body\IHKA Integrated automatic heating/air							Run-in protection for A/C
BMW				Quick test	Quick test	✓	✓	✓			
BMW				Drive	Quick test (Only for Drive systems)	✓	✓	✓			
BMW			DME/DDE (Motor/Diesel Electronics)		✓	✓	✓	✓	✓		
BMW			EML Electronic engine-power control		✓	✓	✓				
BMW			EGS transmission control		✓	✓	✓	✓	✓		
BMW			EWS Vehicle immobilizer		✓	✓	✓	✓			
BMW			GR Cruise control		✓	✓	✓				
BMW				Chassis	Quick test (Only for Chassis systems)	✓	✓	✓			
BMW			ABS/ASC/DSC (Dynamic Stability Control)		✓	✓	✓	✓	✓		
BMW			LEW/LWS (Steering angle sensor)		✓	✓	✓	✓			
BMW			EDC Electroic Damper Control		✓	✓	✓	✓	✓		
BMW			RDC/RDW Tyre pressure check		✓	✓	✓				
BMW			EPS Electronic Power Steering		✓	✓	✓	✓			
BMW			MFL Multi-function steering wheel		✓			✓			
BMW			SVT Servotronic		✓						
BMW				Body	Quick test (Only for Body systems)	✓	✓	✓			
BMW			ZKE/GM (Central body electronics/GM base module)		✓	✓	✓	✓	✓		
BMW			MRS/AirBag/SIM (Multiple Restraint System)		✓	✓	✓				
BMW			IHKA/IHKR Integrated heating/air conditioning		✓	✓	✓	✓	✓		
BMW			KOM/IKE/IKI/INSTR(Instrument cluster)		✓	✓	✓	✓	✓		
BMW			LSZ/LCM (Lights switching center)		✓	✓		✓	✓		
BMW			LRA Automatic headlight vertical aim control		✓	✓	✓				
BMW			CVM Convertible top module		✓	✓	✓	✓			
BMW			PDC Park Distance Control		✓	✓	✓	✓	✓		
BMW			NAV Navigation computer		✓	✓	✓	✓			
BMW			SHD Sliding/titing sunroof		✓	✓	✓				
BMW			SMF/SM/SLM (Seat memory, driver)		✓	✓	✓	✓	✓		
BMW			MID Multi Information Display		✓	✓	✓				
BMW			SZM Switching center, center console		✓	✓	✓	✓			
BMW			RLS/AIC (Rain/Light Sensor/Automatic interval Co		✓	✓	✓	✓			
BMW			TCU/ULF/TEL/BIT (Telematic Control unit)		✓	✓	✓				
BMW			BM/MIR (On-board monitor/Multi-Information Radio		✓	✓	✓	✓	✓		
BMW			VID Video module		✓	✓	✓				
BMW			RAD Radio		✓	✓	✓	✓	✓		
BMW			STH park heating		✓						
BMW			DSP Digital Sound Processor		✓						
BMW			SES Language-input system		✓	✓	✓			✓	
BMW			Service functions	Digital Motor Electronics						1. Clear adaptations 2. CO adjustment	
BMW				EGS transmission control							Clear adaptations
BMW				Wheel-slip control system							Adjustment, steering-angle sensor
BMW				Instrument cluster							Reset service interval indicator
BMW				Light Check Module							Read out operating data
BMW			Quick test	Quick test	✓	✓	✓				

BMW	1991-1998	3 Series _E36 (with Z3)	316g, 316i, 318i, 318is, 318tds, 320i, 323i, 323ti, 325tds, 328i, M3,	Drive	Quick test (Only for Drive systems)	✓	✓	✓			
BMW					DME/DDE (Motor/Diesel Electronics)	✓	✓	✓	✓	✓	
BMW					EML Electronic engine-power control	✓	✓	✓			
BMW					EGS transmission control	✓	✓	✓	✓	✓	
BMW					EWS Vehicle immobilizer	✓	✓	✓	✓		
BMW					GR Cruise control	✓	✓	✓			
BMW				Chassis	Quick test (Only for Chassis systems)	✓	✓	✓			
BMW					ABS/ASC/DSC (Dynamic Stability Control)	✓	✓	✓	✓	✓	
BMW					LEW/LWS (Steering angle sensor)	✓	✓	✓	✓		
BMW					EDC Electronic Damper Control	✓	✓	✓	✓	✓	
BMW					RDC/RDW Tyre pressure check	✓	✓	✓			
BMW					EPS Electronic Power Steering	✓	✓	✓	✓		
BMW					MFL Multi-function steering wheel	✓			✓		
BMW					SVT Servotronic	✓					
BMW				Body	Quick test (Only for Body systems)	✓	✓	✓			
BMW					ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓	
BMW					MRS/AirBag/SIM (Multiple Restraint System)	✓	✓	✓			
BMW					IHKA/IHKR Integrated heating/air conditioning	✓	✓	✓	✓	✓	
BMW					KOM/IKE/IKI/INSTR (Instrument cluster)	✓	✓	✓	✓	✓	
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓	
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓			
BMW					CVM Convertible top module	✓	✓	✓	✓		
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓	
BMW					NAV Navigation computer	✓	✓	✓	✓		
BMW					SHD Sliding/titing sunroof	✓	✓	✓			
BMW					SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓	
BMW					MID Multi Information Display	✓	✓	✓			
BMW					SZM Switching center, center console	✓	✓	✓	✓		
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Control)	✓	✓	✓	✓		
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓			
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	✓	✓	✓	✓	✓	
BMW					VID Video module	✓	✓	✓			
BMW					RAD Radio	✓	✓	✓	✓	✓	
BMW					STH park heating	✓					
BMW				DSP Digital Sound Processor	✓						
BMW				SES Language-input system	✓	✓	✓		✓		
BMW				Service functions	Digital Motor Electronics					1. Clear adaptations 2. CO adjustment	
BMW					EGS transmission control					Clear adaptations	
BMW					Wheel-slip control system					Adjustment, steering-angle sensor	
BMW					Instrument cluster					Reset service interval indicator	
BMW					Light Check Module					Read out operating data	
BMW				Quick test	Quick test	✓	✓	✓			
BMW	Quick test (Only for Drive systems)	✓	✓		✓						
BMW	DME/DDE (Motor/Diesel Electronics)	✓	✓		✓	✓	✓				

BMW	2005-2007	3 Series _E90/E 91/E92 /E93	318i, 320i, 320si, 320d, 323i, 325i, 330i, 330xi, 335i, 335xi	Chassis	Quick test	√	√	√			
BMW					AL active steering	*√	*√	*√	*√	*√	
BMW					ARS Dynamic Drive 2	*√	*√	*√	*√	*√	
BMW					DSC Dynamic Stability Control	*√	*√	*√	*√	*√	
BMW					Quick test	√	√	√			
BMW				Body	RAD2-BO User interface	*√	*√	*√	*√	*√	
BMW					RAD2-GW Gateway	*√	*√	*√	*√		
BMW					CDC CD Changer	*√	*√	*√	*√		
BMW					CID Central Information Display	*√	*√	*√	*√	*√	
BMW					CON Controller	*√	*√	*√	*√	*√	
BMW					DWA anti-theft alarm system	*√	*√	*√	*√	*√	
BMW					SINE Siren with tilt sensor	*√	*√	*√	*√	*√	
BMW					FRM/FRM2 Footwell module	*√	*√	*√	*√	*√	
BMW					FZD Function centre, roof	*√	*√	*√	*√	*√	
BMW					IHKA Integrated automatic heating/air conditioning	*√	*√	*√	*√	*√	
BMW					JBE Junction-box electronics	*√	*√	*√	*√	*√	
BMW					INSTR Instrument cluster	*√	*√	*√	*√	*√	
BMW					M-ASK-NAV Navigation system	√	√	√	√		
BMW					MRS Multiple Restraint System	*√	*√	*√	*√		
BMW					PDC Park Distance Control	*√	*√	*√	*√	*√	
BMW					RLSS Solar Rain/Light Sensor	*√	*√	*√	*√	*√	
BMW					SMFA Seat module, driver	*√	*√	*√	*√	*√	
BMW					SMBF Seat module, passenger	*√	*√	*√	*√	*√	
BMW					TCU Telematic control unit	*√	*√	*√	*√	*√	
BMW					SHD Sliding/tilting sunroof	*√	*√	*√	*√	*√	
BMW				MOST-system analysis	*√		*√				
BMW				CAN /byteflight	*√	*√					
BMW				2005-2006	Service functions	Maintenance\CBS reset					
BMW	Maintenance>Delete transport mode								Delete transport mode *√		
BMW	Drive\Digital Motor Electronics								Learning Valvetronic limit positions *√		
BMW	Chassis\Wheel-slip control system								Adjustment, steering-angle sensor *√		
BMW	Body\IHKA Integrated automatic heating/air								Run-in protection for A/C		

BMW				Quick test	Quick test	✓	✓	✓			
BMW				Drive	Quick test (Only for Drive systems)	✓	✓	✓			
BMW					DME/DDE (Motor/Diesel Electronics)	✓	✓	✓	✓	✓	
BMW					EML Electronic engine-power control	✓	✓	✓			
BMW					EGS transmission control	✓	✓	✓	✓	✓	
BMW					EWS Vehicle immobilizer	✓	✓	✓	✓		
BMW					GR Cruise control	✓	✓	✓			
BMW				Chassis	Quick test (Only for Chassis systems)	✓	✓	✓			
BMW					ABS/ASC/DSC (Dynamic Stability Control)	✓	✓	✓	✓	✓	
BMW					LEW/LWS (Steering angle sensor)	✓	✓	✓	✓		
BMW					EDC Electroic Damper Control	✓	✓	✓	✓	✓	
BMW					RDC/RDW Tyre pressure check	✓	✓	✓			
BMW					EPS Electronic Power Steering	✓	✓	✓	✓		
BMW					MFL Multi-function steering wheel	✓			✓		
BMW				SVT Servotronic	✓						
BMW				Body	Quick test (Only for Body systems)	✓	✓	✓			
BMW					ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓	
BMW					MRS/AirBag/SIM (Multiple Restraint System)	✓	✓	✓			
BMW					IHKA/IHKR Integrated heating/air conditioning	✓	✓	✓	✓	✓	
BMW					KOM/IKE/IKI/INSTR (Instrument cluster)	✓	✓	✓	✓	✓	
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓	
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓			
BMW					CVM Convertible top module	✓	✓	✓	✓		
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓	
BMW					NAV Navigation computer	✓	✓	✓	✓		
BMW					SHD Sliding/titing sunroof	✓	✓	✓			
BMW					SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓	
BMW					MID Multi Information Display	✓	✓	✓			
BMW					SZM Switching center, center console	✓	✓	✓	✓		
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Co	✓	✓	✓	✓		
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓			
BMW					BM/MIR (On-board monitor/Multi-Information Radio	✓	✓	✓	✓	✓	
BMW					VID Video module	✓	✓	✓			
BMW					RAD Radio	✓	✓	✓	✓	✓	
BMW					STH park heating	✓					
BMW				DSP Digital Sound Processor	✓						
BMW				SES Language-input system	✓	✓	✓		✓		
BMW				Service functions	Digital Motor Electronics					1. Clear adaptations 2. CO adjustment	
BMW					EGS transmission control					Clear adaptations	
BMW					Wheel-slip control system					Adjustment, steering-angle sensor	
BMW					Instrument cluster					Reset service interval indicator	
BMW					Light Check Module					Read out operating data	
BMW				Quick test	Quick test	✓	✓	✓			
BMW					Quick test (Only for Drive systems)	✓	✓	✓			

BMW	1988-1996	5 Series _E34	518i, 520i, 525i, 525d, 528i, 530i, 535i, 540i, M5	Drive	DME/DDE (Motor/Diesel Electronics)	✓	✓	✓	✓	✓	
BMW					EML Electronic engine-power control	✓	✓	✓			
BMW					EGS transmission control	✓	✓	✓	✓	✓	
BMW					EWS Vehicle immobilizer	✓	✓	✓	✓		
BMW					GR Cruise control	✓	✓	✓			
BMW				Chassis	Quick test (Only for Chassis systems)	✓	✓	✓			
BMW					ABS/ASC/DSC (Dynamic Stability Control)	✓	✓	✓	✓	✓	
BMW					LEW/LWS (Steering angle sensor)	✓	✓	✓	✓		
BMW					EDC Electronic Damper Control	✓	✓	✓	✓	✓	✓
BMW					RDC/RDW Tyre pressure check	✓	✓	✓			
BMW					EPS Electronic Power Steering	✓	✓	✓	✓		
BMW					MFL Multi-function steering wheel	✓			✓		
BMW					SVT Servotronic	✓					
BMW					Quick test (Only for Body systems)	✓	✓	✓			
BMW					ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓	
BMW				Body	MRS/AirBag/SIM (Multiple Restraint System)	✓	✓	✓			
BMW					IHKA/IHKR Integrated heating/air conditioning	✓	✓	✓	✓	✓	
BMW					KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓	
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓	
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓			
BMW					CVM Convertible top module	✓	✓	✓	✓		
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓	
BMW					NAV Navigation computer	✓	✓	✓	✓		
BMW					SHD Sliding/titing sunroof	✓	✓	✓			
BMW					SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓	
BMW					MID Multi Information Display	✓	✓	✓			
BMW					SZM Switching center, center console	✓	✓	✓	✓		
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Control)	✓	✓	✓	✓		
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓			
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	✓	✓	✓	✓	✓	
BMW					VID Video module	✓	✓	✓			
BMW					RAD Radio	✓	✓	✓	✓	✓	
BMW					STH park heating	✓					
BMW					DSP Digital Sound Processor	✓					
BMW					SES Language-input system	✓	✓	✓		✓	
BMW				Service functions	Digital Motor Electronics						1. Clear adaptations 2. CO adjustment
BMW					EGS transmission control						Clear adaptations
BMW					Wheel-slip control system						Adjustment, steering-angle sensor
BMW					Instrument cluster						Reset service interval indicator
BMW					Light Check Module						Read out operating data
BMW				Quick test	Quick test	✓	✓	✓			
BMW					Drive	Quick test (Only for Drive systems)	✓	✓	✓		
BMW	DME/DDE (Motor/Diesel Electronics)	✓	✓			✓	✓	✓			
BMW	EML Electronic engine-power control	✓	✓			✓					

BMW	1996-2004	5 Series E39	520i, 523i, 525i, 528i, 530i, 535i, 540i, M5, 520d, 525d, 530d, 530d,	DRIVE	EGS transmission control	✓	✓	✓	✓	✓		
BMW					EWS Vehicle immobilizer	✓	✓	✓	✓			
BMW					GR Cruise control	✓	✓	✓				
BMW					Quick test (Only for Chassis systems)	✓	✓	✓				
BMW					ABS/ASC/DSC (Dynamic Stability Control)	✓	✓	✓	✓	✓		
BMW					LEW/LWS (Steering angle sensor)	✓	✓	✓	✓	✓		
BMW				Chassis	EDC Electroic Damper Control	✓	✓	✓	✓	✓		
BMW					RDC/RDW Tyre pressure check	✓	✓	✓				
BMW					EPS Electronic Power Steering	✓	✓	✓	✓			
BMW					MFL Multi-function steering wheel	✓				✓		
BMW					SVT Servotronic	✓						
BMW					Quick test (Only for Body systems)	✓	✓	✓				
BMW				Body	ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓		
BMW					MRS/AirBag/SIM (Multiple Restraint System)	✓	✓	✓				
BMW					IHKA/IHKR Integrated heating/air conditioning	✓	✓	✓	✓	✓		
BMW					KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓		
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓		
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓				
BMW					CVM Convertible top module	✓	✓	✓	✓			
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓		
BMW					NAV Navigation computer	✓	✓	✓	✓			
BMW					SHD Sliding/titing sunroof	✓	✓	✓				
BMW					SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓		
BMW					MID Multi Information Display	✓	✓	✓				
BMW					SZM Switching center, center console	✓	✓	✓	✓			
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Co	✓	✓	✓	✓			
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓				
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	✓	✓	✓	✓	✓		
BMW					VID Video module	✓	✓	✓				
BMW					RAD Radio	✓	✓	✓	✓	✓		
BMW					STH park heating	✓						
BMW					DSP Digital Sound Processor	✓						
BMW				SES Language-input system	✓	✓	✓		✓			
BMW				Service functions	Digital Motor Electronics						1. Clear adaptations 2. CO adjustment	
BMW					EGS transmission control						Clear adaptations	
BMW					Wheel-slip control system						Adjustment, steering-angle sensor	
BMW					Instrument cluster						Reset service interval indicator	
BMW					Light Check Module						Read out operating data	
BMW				Quick test	Quick test	✓	✓	✓				
BMW					Quick test (Only for Drive systems)	✓	✓	✓				
BMW					Drive	CAS Car Access System	✓	✓	✓	✓	✓	
BMW						DME Motor Electronics	✓	✓	✓	✓	✓	
BMW	EGS transmission control	✓	✓			✓	✓	✓				
BMW	EKPS Fuel-pump control	✓	✓			✓	✓	✓				

BMW				Service functions	Maintenance\CBS reset							1 Engine oil 2 Microfilter 3 Front brake 4 Rear brake 5 Diesel filter 6 Spark plugs 7 Coolant 8 Brake fluid 9 Vehicle check 10 Vehicle inspection: 11 Exhaust emission inspection:
BMW					Maintenance>Delete transport mode							Delete transport mode
BMW					Chassis\Wheel-slip control system							Adjustment, steering-angle sensor
BMW				Quick test	Quick test	√	√	√				
BMW				Drive	Quick test (Only for Drive systems)	√	√	√				
BMW			DME/DDE (Motor/Diesel Electronics)		√	√	√	√	√			
BMW			EML Electronic engine-power control		√	√	√					
BMW			EGS transmission control		√	√	√	√	√			
BMW			EWS Vehicle immobilizer		√	√	√	√				
BMW			GR Cruise control		√	√	√					
BMW					Chassis	Quick test (Only for Chassis systems)	√	√	√			
BMW			ABS/ASC/DSC (Dynamic Stability Control)	√		√	√	√	√			
BMW			LEW/LWS (Steering angle sensor)	√		√	√	√				
BMW			EDC Electroic Damper Control	√		√	√	√	√			
BMW			RDC/RDW Tyre pressure check	√		√	√					
BMW			EPS Electronic Power Steering	√		√	√	√				
BMW			MFL Multi-function steering wheel	√					√			
BMW				Body	SVT Servotronic	√						
BMW			Quick test (Only for Body systems)		√	√	√					
BMW			ZKE/GM (Central body electronics/GM base module)		√	√	√	√	√			
BMW			MRS/AirBag/SIM (Multiple Restraint System)		√	√	√					
BMW			IHKA/IHKR Integrated heating/air conditioning		√	√	√	√	√			
BMW			KOM/IKE/IKI/INSTR (Instrument cluster)		√	√	√	√	√			
BMW			LSZ/LCM (Lights switching center)		√	√			√	√		
BMW			LRA Automatic headlight vertical aim control		√	√	√					
BMW			CVM Convertible top module		√	√	√	√				
BMW			PDC Park Distance Control		√	√	√	√	√	√		
BMW			NAV Navigation computer		√	√	√	√				
BMW			SHD Sliding/titing sunroof		√	√	√					
BMW			SMF/SM/SLM (Seat memory, driver)		√	√	√	√	√	√		
BMW			MID Multi Information Display		√	√	√					
BMW			SZM Switching center, center console		√	√	√	√				
BMW			RLS/AIC (Rain/Light Sensor/Automatic interval Co		√	√	√	√				
BMW			TCU/ULF/TEL/BIT (Telematic Control unit)		√	√	√					
BMW			BM/MIR (On-board monitor/Multi-Information Radio	√	√	√	√	√	√			

Before
1989

6
Series
_E24

630i, 645Ci, 650i,

BMW				VID Video module	✓	✓	✓			
BMW				RAD Radio	✓	✓	✓	✓	✓	
BMW				STH park heating	✓					
BMW				DSP Digital Sound Processor	✓					
BMW				SES Language-input system	✓	✓	✓		✓	
BMW			Service functions	Digital Motor Electronics						1. Clear adaptations 2. CO adjustment
BMW				EGS transmission control						Clear adaptations
BMW				Wheel-slip control system						Adjustment, steering-angle sensor
BMW				Instrument cluster						Reset service interval indicator
BMW				Light Check Module						Read out operating data
BMW			Quick test	Quick test	✓	✓	✓			
BMW			Drive	Quick test (Only for Drive systems)	✓	✓	✓			
BMW				CAS Car Access System	✓	✓	✓	✓		
BMW				DME Motor Electronics	✓	✓	✓	✓	✓	
BMW				EGS transmission control	✓	✓	✓	✓	✓	
BMW				VTC Valvetronic	✓					
BMW				VTC2 Valvetronic 2	✓					
BMW				EKP Fuel pump	✓	✓	✓	✓	✓	
BMW			Chassis	Quick test (Only for Chassis systems)	✓	✓	✓			
BMW				AL active steering	✓	✓	✓	✓		
BMW				ARS Dynamic Drive 2	✓	✓	✓	✓	✓	
BMW				DSC Dynamic Stability Control	✓	✓	✓	✓	✓	
BMW			Body	Quick test (Only for Body systems)	✓	✓	✓			
BMW				AHL Adaptive directional headlights	✓	✓	✓	✓	✓	
BMW				IHKA Integrated automatic heating/air conditioning	✓	✓	✓	✓	✓	
BMW				INSTR Instrument cluster	✓	✓	✓	✓	✓	
BMW				LM Lights module 2	✓	✓	✓	✓	✓	
BMW				KBM Body basic module	✓	✓	✓	✓	✓	
BMW				MPM Micro-power module	✓	✓	✓	✓	✓	
BMW				CVM Convertible top module	✓	✓	✓	✓		
BMW				CCC-GW Gateway	✓	✓		✓	✓	
BMW				CCC-ANT Aerial tuner	✓			✓	✓	
BMW				CCC-ASK Audio system controller	✓				✓	
BMW				CCC-A Applications	✓			✓	✓	
BMW				CID Central Information Display	✓	✓	✓	✓	✓	
BMW				CON Controller	✓	✓	✓	✓	✓	
BMW				DWA antitheft alarm system	✓	✓	✓	✓	✓	
BMW				PDC Park Distance Control	✓	✓	✓	✓	✓	
BMW				RLS Rain/Light Sensor	✓	✓	✓	✓		
BMW				SGM-SIM Safety and Gateway Module (SIM)	✓	✓	✓	✓	✓	
BMW				SGM-ZGM Safety and Gateway Module (ZGM)	✓	✓	✓			
BMW				SFZ Satellite vehicle center	✓	✓	✓	✓		
BMW				SBSL Satellite, B-pillar, left	✓	✓	✓	✓		
BMW				SBSR Satellite, B-pillar, right	✓	✓	✓	✓		

BMW	After 2003	Series _E63/E 64	630Ci/630i, 645Ci, 650i , M6	SZL Switch center, steering column	√	√	√	√	√	
BMW				SZM Switching center, center console	√	√	√	√	√	
BMW				TCU Telematic control unit	√	√	√	√	√	
BMW				TMFA Door module, driver	√	√	√	√	√	
BMW				TMBF Door module, front passenger	√	√	√	√	√	
BMW				VM Video Module	√	√	√	√	√	
BMW				SHD Slide/tilt sunroof 2	√	√	√	√	√	
BMW				CCC-B0 User interface	√	√	√	√	√	
BMW				MOST system analysis			√			
BMW				AMP Amplifier						
BMW				HUD Head-Up Display						
BMW				CAN / byteflight		√				
BMW				Service functions	Maintenance\CBS reset					
BMW	Drive\Digital Motor Electronics							1. DME-CAS Adjustment 2. Idle speed Adjustment 3. Clear adaptations 4. Learning Valvetronic limit positions 5. CO adjustment		
BMW	Chassis\Wheel-slip control system							1. Adjustment, steering-angle sensor 2. Bleeding, DSC hydraulics 3. Mix-up checks, brake lines		
BMW	Chassis\Dynamic Drive							1. Start startup 2. Learn sensor values		
BMW	Quick test	Drive	Quick test	√	√	√				
BMW			Quick test (Only for Drive systems)	√	√	√				
BMW			DME/DDE (Motor/Diesel Electronics)	√	√	√	√	√		
BMW			EML Electronic engine-power control	√	√	√				
BMW			EGS transmission control	√	√	√	√	√		
BMW			EWS Vehicle immobilizer	√	√	√	√			
BMW			GR Cruise control	√	√	√				
BMW			Quick test (Only for Chassis systems)	√	√	√				
BMW			ABS/ASC/DSC (Dynamic Stability Control)	√	√	√	√	√		
BMW			LEW/LWS (Steering angle sensor)	√	√	√	√			
BMW	Chassis	EDC Electroic Damper Control	√	√	√	√	√			

BMW	1977 - 1986	7 Series _E23	725i, 728i, 728i, 730i, 732i, 733i, 735i, 745i		RDC/RDW Tyre pressure check	✓	✓	✓					
BMW					MFL Multi-function steering wheel	✓			✓				
BMW					SVT Servotronic	✓							
BMW					Quick test (Only for Body systems)	✓	✓	✓					
BMW					ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓			
BMW					MRS/AirBag/SIM (Multiple Restraint System)	✓	✓	✓					
BMW					IHKA/IHKR Integrated heating/air conditioning	✓	✓	✓	✓	✓			
BMW					KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓			
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓			
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓					
BMW					CVM Convertible top module	✓	✓	✓	✓				
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓			
BMW					NAV Navigation computer	✓	✓	✓	✓				
BMW					SHD Sliding/titing sunroof	✓	✓	✓					
BMW					SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓			
BMW					MID Multi Information Display	✓	✓	✓					
BMW					SZM Switching center, center console	✓	✓	✓	✓				
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Control)	✓	✓	✓	✓				
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓					
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	✓	✓	✓	✓	✓			
BMW					VID Video module	✓	✓	✓					
BMW					RAD Radio	✓	✓	✓	✓	✓			
BMW					STH park heating	✓							
BMW					DSP Digital Sound Processor	✓							
BMW					SES Language-input system	✓	✓	✓		✓			
BMW					Service functions	Digital Motor Electronics						1. Clear adaptations 2. CO adjustment	
BMW						EGS transmission control						Clear adaptations	
BMW						Wheel-slip control system						Adjustment, steering-angle sensor	
BMW						Instrument cluster						Reset service interval indicator	
BMW						Light Check Module						Read out operating data	
BMW					Quick test	Quick test	✓	✓	✓				
BMW					Drive	Quick test (Only for Drive systems)	✓	✓	✓				
BMW						DME/DDE (Motor/Diesel Electronics)	✓	✓	✓	✓	✓		
BMW						EML Electronic engine-power control	✓	✓	✓				
BMW						EGS transmission control	✓	✓	✓	✓	✓		
BMW						EWS Vehicle immobilizer	✓	✓	✓	✓			
BMW						GR Cruise control	✓	✓	✓				
BMW					Chassis	Quick test (Only for Chassis systems)	✓	✓	✓				
BMW						ABS/ASC/DSC (Dynamic Stability Control)	✓	✓	✓	✓	✓		
BMW						LEW/LWS (Steering angle sensor)	✓	✓	✓	✓			
BMW						EDC Electroic Damper Control	✓	✓	✓	✓	✓		
BMW						RDC/RDW Tyre pressure check	✓	✓	✓				
BMW						MFL Multi-function steering wheel	✓			✓			
BMW						SVT Servotronic	✓						

BMW	1987 - 1994	Series _E32	730i, 735i, 740i, 750i	Body	Quick test (Only for Body systems)	✓	✓	✓			
BMW					ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓	
BMW					MRS/AirBag/SIM (Multiple Restraint System)	✓	✓	✓			
BMW					IHKA/IHKK Integrated heating/air conditioning	✓	✓	✓	✓	✓	
BMW					KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓	
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓	
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓			
BMW					CVM Convertible top module	✓	✓	✓	✓		
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓	
BMW					NAV Navigation computer	✓	✓	✓	✓		
BMW					SHD Sliding/titing sunroof	✓	✓	✓			
BMW					SMF/SM/SLM (Seat memory,driver)	✓	✓	✓	✓	✓	
BMW					MID Multi Information Display	✓	✓	✓			
BMW					SZM Switching center,center console	✓	✓	✓	✓		
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Co	✓	✓	✓	✓		
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓			
BMW					BM/MIR (On-board monitor/Multi-Information Radio	✓	✓	✓	✓	✓	
BMW					VID Video module	✓	✓	✓			
BMW					RAD Radio	✓	✓	✓	✓	✓	
BMW					STH park heating	✓					
BMW					DSP Digital Sound Processor	✓					
BMW					SES Language-input system	✓	✓	✓		✓	
BMW					Service functions	Digital Motor Electronics					1.Clear adaptations 2.CO adjustment
BMW						EGS transmission control					Clear adaptations
BMW						Wheel-slip control system					Adjustment, steering-angle sensor
BMW						Instrument cluster					Reset service interval indicator
BMW						Light Check Module					Read out operating data
BMW					Quick test	Quick test	✓	✓	✓		
BMW	Drive	Quick test (Only for Drive systems)	✓	✓		✓					
BMW		DME/DDE (Motor/Diesel Electronics)	✓	✓		✓	✓	✓			
BMW		EML Electronic engine-power control	✓	✓		✓					
BMW		EGS transmission control	✓	✓		✓	✓	✓			
BMW		EWS Vehicle immobilizer	✓	✓		✓	✓				
BMW		GR Cruise control	✓	✓		✓					
BMW		Chassis	Quick test (Only for Chassis systems)								
BMW	ABS/ASC/DSC (Dynamic Stability Control)		✓	✓		✓	✓	✓			
BMW	EHC Electronic Height Control		✓	✓		✓	✓	✓			
BMW	EDC Electronic Damper Control		✓	✓		✓	✓	✓			
BMW	LEW/LWS (Steering angle sensor)		✓	✓		✓	✓				
BMW	MFL Multi-function steering wheel		✓				✓				
BMW	SVT Servotronic	✓									
BMW	Quick test	Quick test (Only for Body systems)									
BMW		MRS/AirBag (Multiple Restraint System)	✓	✓	✓						
BMW		ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓				

BMW	1994 - 2001	7 Series _E38	725tds, 728i/728iL, 730i/730iL, 735i/735iL, 735i/735iL, 730d, 740i/740iL, 750iL	Body	IHKA/IHKR Integrated heating/air conditioning	✓	✓	✓	✓	✓			
BMW					KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓			
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓			
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓			
BMW					NAV Navigation computer	✓	✓	✓	✓				
BMW					SZM Switching center, center console	✓	✓	✓	✓				
BMW					AHL Adaptive directional headlights	✓	✓	✓	✓	✓			
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	✓	✓	✓	✓	✓			
BMW					SHD Sliding/titing sunroof	✓	✓	✓					
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Control)	✓	✓	✓	✓				
BMW					SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓			
BMW					RAD Radio	✓	✓	✓	✓	✓			
BMW					DSP Digital Sound Processor	✓							
BMW					SES Language-input system	✓	✓	✓		✓			
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓					
BMW					VID Video module	✓	✓	✓					
BMW					Service functions	Drive\Digital Motor Electronics					1. Clear adaptations 2. CO adjustment		
BMW						Drive\EGS transmission control					Disable/enable key		
BMW						Drive\Electronic car immobilisation system					Clear adaptations		
BMW						Chassis\Wheel-slip control system					1. Adjustment, steering-angle sensor 2. Adjust transversal-acceleration sensor		
BMW	Body\Instrument cluster						Reset service interval indicator						
BMW		Body\Light Check Module					Read out operating data						
BMW				Quick test	Quick test	✓	✓	✓					
BMW				Drive	Quick test (Only for Drive systems)	✓	✓	✓					
BMW					CAS Car Access System	✓	✓	✓	✓	✓			
BMW					DME Digital Motor Electronics	✓	✓	✓	✓	✓			
BMW					EGS transmission management	✓	✓	✓	✓	✓			
BMW					VTC Valvetronic	✓				✓			
BMW					VTC2 Valvetronic 2	✓				✓			
BMW				Chassis	Quick test (Only for Chassis systems)	✓	✓	✓					
BMW					ARS Dynamic Drive	✓	✓	✓	✓	✓			
BMW					EDC Damper Control	✓	✓	✓	✓	✓			
BMW					CIM Chassis integration Module	✓	✓	✓	✓	✓			
BMW					DSC Dynamic Stability Control	✓	✓	✓	✓	✓			
BMW					EHC Ride level (Height) Control	✓	✓	✓	✓	✓			
BMW					EMF Parking brake	✓	✓	✓	✓	✓			
BMW				RDC Tire pressure control	✓	✓	✓	✓					
BMW					Quick test (Only for Body systems)	✓	✓	✓					
BMW					AMP Amplifier	✓	✓	✓	✓	✓			
BMW					ANT Antenna/antenna tuner	✓	✓	✓	✓	✓			
BMW					ASK Audio system controller	✓	✓	✓	✓	✓			
BMW					BZM Control center, center console	✓	✓	✓	✓	✓			

BMW				KHI Headphones interface	√	√	√	√	√	
BMW				SVS Language processing system	√	√	√		√	
BMW				MOST system analysis		√	√			
BMW				CAN /byteflight		√				
BMW			Service functions	Maintenance\CBS reset						1 Engine oil 2 Microfilter 3 Front brake 4 Rear brake 5 Diesel filter 6 Spark plugs 7 Coolant 8 Brake fluid 9 Vehicle check 10 Vehicle inspection: 11 Exhaust emission inspection:
BMW				Drive\Digital Motor Electronics						1. DME-CAS Adjustment 2. Idle speed Adjustment 3. Clear adaptations 4. Learning Valvetronic limit positions 5. CO adjustment
BMW				Chassis\Wheel-slip control system						1. Adjustment, steering-angle sensor 2. Bleeding, DSC hydraulics 3. Mix-up checks, brake lines
BMW				Chassis\Dynamic Drive						1. Start startup 2. Learn sensor values
BMW			Quick test	Quick test	√	√	√			
BMW			Drive	Quick test (Only for Drive systems)	√	√	√			
BMW				DME/DDE (Motor/Diesel Electronics)	√	√	√	√	√	
BMW				EML Electronic engine-power control	√	√	√			
BMW				EGS transmission control	√	√	√	√	√	
BMW				EWS Vehicle immobilizer	√	√	√	√	√	
BMW				GR Cruise control	√	√	√			
BMW			Chassis	Quick test (Only for Chassis systems)	√	√	√			
BMW				ABS/ASC/DSC (Dynamic Stability Control)	√	√	√	√	√	
BMW				LEW/LWS (Steering angle sensor)	√	√	√	√		
BMW				EDC Electroic Damper Control	√	√	√	√	√	
BMW				MFL Multi-function steering wheel	√	√	√			
BMW				SVT Servotronic	√					
BMW				RDC/RDW Tyre pressure check	√			√		
BMW				EPS Electronic Power Steering	√	√	√	√		
BMW			Quick test (Only for Body systems)	√	√	√				
BMW			ZKE/GM (Central body electronics/GM base module)	√	√	√	√	√		
BMW			MRS/AirBag/SIM (Multiple Restraint System)	√	√	√				
BMW			IHKA/IHKR Integrated heating/air conditioning	√	√	√	√	√		

BMW	1989 - 1999	8 Series _E31	850i, 850Ci, 850CSi	Body	KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓		
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓		
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓				
BMW					CVM Convertible top module	✓	✓	✓	✓			
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓		
BMW					NAV Navigation computer	✓	✓	✓	✓			
BMW					SHD Sliding/titing sunroof	✓	✓	✓				
BMW					SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓		
BMW					MID Multi Information Display	✓	✓	✓				
BMW					SZM Switching center, center console	✓	✓	✓	✓			
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Co	✓	✓	✓	✓			
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓				
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	✓	✓	✓	✓	✓		
BMW					VID Video module	✓	✓	✓				
BMW					RAD Radio	✓	✓	✓	✓	✓		
BMW					STH park heating	✓						
BMW					DSP Digital Sound Processor	✓						
BMW					SES Language-input system	✓	✓	✓		✓		
BMW					Service functions	Drive\Digital Motor Electronics						1. Clear adaptations 2. CO adjustment
BMW						Drive\EGS transmission control						Clear adaptations
BMW	Chassis\Wheel-slip control system							Adjustment, steering-angle sensor				
BMW	Body\Instrument cluster							Reset service interval indicator				
BMW	Body\Light Check Module							Read out operating data				
BMW	After 2003	X Series _E2_	X3 2.0i, X3 2.5i, X3 2.5i, X3 3.0i	Quick test	Quick test	✓	✓	✓				
BMW				Drive	Quick test (Only for Drive systems)	✓	✓	✓				
BMW					DME/DDE (Motor/Diesel Electronics)	✓	✓	✓	✓	✓		
BMW					EGS transmission control	✓	✓	✓	✓	✓		
BMW					EWS Vehicle immobilizer	✓	✓	✓	✓			
BMW					VTG Transfer case	✓	✓	✓	✓	✓		
BMW				Chassis	Quick test (Only for Chassis systems)	✓	✓	✓				
BMW					ABS/ASC/DSC (Dynamic Stability Control)	✓	✓	✓	✓	✓		
BMW					EHC Electronic Height Control	✓	✓	✓	✓	✓		
BMW					LEW/LWS (Steering angle sensor)	✓	✓	✓	✓			
BMW					MFL Multi-function steering wheel	✓			✓			
BMW				SVT Servotronic	✓							
BMW				Body	Quick test (Only for Body systems)	✓	✓	✓				
BMW					ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓		
BMW					MRS/AirBag(Multiple Restraint System)	✓	✓	✓				
BMW					IHKA/IHKB Integrated heating/air conditioning	✓	✓	✓	✓	✓		
BMW					KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓		
BMW					LSZ/LCM (Lights switching center)	✓	✓	✓	✓	✓		
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓				
BMW					MID Multi Information Display	✓	✓	✓				
BMW	PDC Park Distance Control	✓	✓		✓	✓	✓					

BMW	_A0- E83	2. 3S1, A0 3. 01	Body	NAV Navigation computer	√	√	√	√						
BMW				AHL Adaptive directional headlights	√	√	√	√	√					
BMW				BM/MIR (On-board monitor/Multi-Information Radio)	√	√	√	√	√					
BMW				SZM Switching center,center console	√	√	√	√	√					
BMW				SMF/SM/SLM (Seat memory,driver)	√	√	√	√	√					
BMW				SHD Sliding/titing sunroof	√	√	√							
BMW				SES Language-input system	√	√	√		√					
BMW				RLS/AIC (Rain/Light Sensor/Automatic interval Control)	√	√	√	√						
BMW				RAD Radio	√	√	√	√	√					
BMW				DSP Digital Sound Processor	√									
BMW				TCU/ULF/TEL/BIT (Telematic Control unit)	√	√	√							
BMW				VID Video module	√	√	√							
BMW				Service functions			Drive\Digital Motor Electronics						1. Clear adaptations 2. CO adjustment	
BMW	Drive\EGS transmission control										Clear adaptations			
BMW	Chassis\Wheel-slip control system										Adjustment, steering-angle sensor			
BMW	Body\Instrument cluster										Reset service interval indicator			
BMW	Body\Light Check Module										Read out operating data			
BMW	After 1999	X Series _X5- E53	3. 0i, 4. 4i, 4. 6is, 4. 8is , 3. 0d	Quick test	√	√	√							
BMW				Drive	Quick test (Only for Drive systems)	√	√	√						
BMW					DME/DDE (Motor/Diesel Electronics)	*√	*√	*√	*√	*√				
BMW					EGS transmission control	√	√	√	√	√				
BMW					EWS Vehicle immobilizer	√	√	√	√	√				
BMW					VTG Transfer case	√	√	√	√	√				
BMW				Chassis	Quick test (Only for Chassis systems)	√	√	√						
BMW					ABS/ASC/DSC (Dynamic Stability Control)	√	√	√	√	√				
BMW					EHC Electronic Height Control	√	√	√	√	√				
BMW					LEW/LWS (Steering angle sensor)	√	√	√	√	√				
BMW					MFL Multi-function steering wheel	√				√				
BMW				SVT Servotronic	√									
BMW				Body	Quick test (Only for Body systems)	√	√	√						
BMW					ZKE/GM (Central body electronics/GM base module)	√	√	√	√	√				
BMW					MRS/AirBag (Multiple Restraint System)	√	√	√						
BMW					IHKA/IHKB Integrated heating/air conditioning	√	√	√	√	√				
BMW					KOM/IKE/IKI/INSTR (Instrument cluster)	√	√	√	√	√				
BMW					LSZ/LCM (Lights switching center)	√	√			√	√			
BMW					LRA Automatic headlight vertical aim control	√	√	√						
BMW					MID Multi Information Display	√	√	√						
BMW					PDC Park Distance Control	√	√	√	√	√				
BMW					NAV Navigation computer	√	√	√	√	√				
BMW					AHL Adaptive directional headlights	√	√	√	√	√				
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	√	√	√	√	√				
BMW					SZM Switching center,center console	√	√	√	√	√				
BMW					SMF/SM/SLM (Seat memory,driver)	√	√	√	√	√				
BMW					SHD Sliding/titing sunroof	√	√	√						

BMW				SES Language-input system	✓	✓	✓		✓			
BMW				RLS/AIC (Rain/Light Sensor/Automatic interval Co	✓	✓	✓	✓				
BMW				RAD Radio	✓	✓	✓	✓	✓			
BMW				DSP Digital Sound Processor	✓							
BMW				TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓					
BMW				VID Video module	✓	✓	✓					
BMW			Service functions	Drive\Digital Motor Electronics						1. Clear adaptations 2. CO adjustment		
BMW				Drive\EGS transmission control						Disable/enable key		
BMW				Drive\Electronic car immobilisation system						Clear adaptations		
BMW				Chassis\Wheel-slip control system						Adjustment, steering-angle sensor		
BMW				Body\Instrument cluster						Reset service interval indicator		
BMW				Body\Light Check Module						Read out operating data		
BMW				Body\Trsansport mode						Delete transport mode		
BMW	After 2006	X Series _X5- E70	3. 0si, 4. 8i	Quick test	Quick test	✓	✓	✓				
BMW				Drive	Quick test (Only for Drive systems)	✓	✓	✓				
BMW					CAS Car Access System	✓	✓	✓	✓	✓		
BMW					DME Motor Electronics	✓	✓	✓	✓	✓		
BMW					GES 6HPTU transmission control	✓	✓	✓	✓	✓		
BMW					GWS Gear selector switch	✓	✓	✓	✓	✓		
BMW					VTG Transfer case	✓	✓	✓	✓	✓		
BMW					Chassis	Quick test (Only for Chassis systems)	✓	✓	✓			
BMW				AL active front steering (AFS70)		✓	✓	✓	✓			
BMW				DSC(Bosch)Dynamic Stability Control		✓	✓	✓	✓	✓		
BMW				EHC Electronic Ride-Height Control		✓	✓	✓	✓	✓		
BMW				EMF Parking brake		✓	✓	✓	✓	✓		
BMW				Body	Quick test (Only for Body systems)	✓	✓	✓				
BMW					ACSM Crash Safety Module	✓	✓	✓	✓			
BMW					CCC-B0 User interface	✓	✓	✓	✓	✓		
BMW					CCC-GW Gateway	✓	✓	✓	✓	✓		
BMW					CCC-A Applications	✓	✓	✓	✓	✓		
BMW					CCC-ANT Aerial tuner	✓	✓	✓	✓	✓		
BMW					CCC-ASK Audio system controller	✓	✓	✓	✓	✓		
BMW					CDC CD Changer	✓	✓	✓		✓		
BMW					CID Central Information Display	✓	✓	✓	✓	✓		
BMW					CON Controller	✓	✓	✓	✓	✓		
BMW					FRM2 Footwell module 2	✓	✓	✓	✓	✓		
BMW					FLA High Beam Assist	✓	✓	✓	✓	✓		
BMW					HUD Head-Up Display	✓	✓	✓	✓	✓		
BMW					FZD Function centre, roof	✓	✓	✓	✓	✓		
BMW					IHKA Integrated automatic heating/air conditioni	✓	✓	✓	✓	✓		
BMW					JBE2 Junction Box electronics 2	✓	✓	✓	✓	✓		
BMW					INSTR Instrument cluster	✓	✓	✓	✓	✓		
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓		
BMW					RFK Reversing camera	✓	✓	✓	✓	✓		

BMW				RLSS Rain/light solar sensor	✓	✓	✓	✓		
BMW				SMFA Seat module, driver	✓	✓	✓	✓	✓	
BMW				TCU Telematic Control Unit	✓	✓	✓	✓	✓	
BMW				VM Video Module	✓	✓	✓	✓	✓	
BMW				MOST system analysis			✓			
BMW				CAN communication analysis		✓				
BMW			Quick test	Quick test	✓	✓	✓			
BMW			Drive	Quick test (Only for Drive systems)	✓	✓	✓			
BMW				DME/DDE (Motor/Diesel Electronics)	✓	✓	✓	✓	✓	
BMW				EML Electronic engine-power control	✓	✓	✓			
BMW				EGS transmission control	✓	✓	✓	✓	✓	
BMW				EWS Vehicle immobilizer	✓	✓	✓	✓		
BMW				GR Cruise control	✓	✓	✓			
BMW			Chassis	Quick test (Only for Chassis systems)	✓	✓	✓			
BMW				ABS/ASC/DSC (Dynamic Stability Control)	✓	✓	✓	✓	✓	
BMW				LEW/LWS (Steering angle sensor)	✓	✓	✓	✓		
BMW				EDC Electroic Damper Control	✓	✓	✓	✓	✓	
BMW				RDC/RDW Tyre pressure check	✓	✓	✓			
BMW				EPS Electronic Power Steering	✓	✓	✓	✓		
BMW				MFL Multi-function steering wheel	✓				✓	
BMW				SVT Servotronic	✓					
BMW			Body	Quick test (Only for Body systems)	✓	✓	✓			
BMW				ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓	
BMW				MRS/AirBag/SIM (Multiple Restraint System)	✓	✓	✓			
BMW				IHKA/IHKR Integrated heating/air conditioning	✓	✓	✓	✓	✓	
BMW				KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓	
BMW				LSZ/LCM (Lights switching center)	✓	✓		✓	✓	
BMW				LRA Automatic headlight vertical aim control	✓	✓	✓			
BMW				CVM Convertible top module	✓	✓	✓	✓		
BMW				PDC Park Distance Control	✓	✓	✓	✓	✓	
BMW				NAV Navigation computer	✓	✓	✓	✓		
BMW				SHD Sliding/titing sunroof	✓	✓	✓			
BMW				SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓	
BMW				MID Multi Information Display	✓	✓	✓			
BMW				SZM Switching center, center console	✓	✓	✓	✓		
BMW				RLS/AIC (Rain/Light Sensor/Automatic interval Co	✓	✓	✓	✓		
BMW				TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓			
BMW				BM/MIR (On-board monitor/Multi-Information Radio)	✓	✓	✓	✓	✓	
BMW				VID Video module	✓	✓	✓			
BMW				RAD Radio	✓	✓	✓	✓	✓	
BMW				STH park heating	✓					
BMW				DSP Digital Sound Processor	✓					
BMW				SES Language-input system	✓	✓	✓		✓	
BMW				Drive\Digital Motor Electronics						1. Clear adaptations 2. CO adjustment
BMW				Drive\EGS transmission control						Clear adaptations

BMW				Service functions	Chassis\Wheel-slip control system						Adjustment, steering-angle sensor	
BMW					Body\Instrument cluster						Reset service interval indicator	
BMW					Body\Light Check Module						Read out operating data	
BMW	1996-2002	Z Series _Z3- E36	Z3_2.3, Z3_3.0, Z3_2.5	Quick test	Quick test	✓	✓	✓				
BMW				Drive	Quick test (Only for Drive systems)	✓	✓	✓				
BMW					DME/DDE (Motor/Diesel Electronics)	✓	✓	✓	✓	✓		
BMW					EML Electronic engine-power control	✓	✓	✓				
BMW					EGS transmission control	✓	✓	✓	✓	✓		
BMW					EWS Vehicle immobilizer	✓	✓	✓	✓			
BMW					GR Cruise control	✓	✓	✓				
BMW				Chassis	Quick test (Only for Chassis systems)	✓	✓	✓				
BMW					ABS/ASC/DSC (Dynamic Stability Control)	✓	✓	✓	✓	✓		
BMW					LEW/LWS (Steering angle sensor)	✓	✓	✓	✓			
BMW					EDC Electroic Damper Control	✓	✓	✓	✓	✓		
BMW					RDC/RDW Tyre pressure check	✓	✓	✓				
BMW					EPS Electronic Power Steering	✓	✓	✓	✓			
BMW					MFL Multi-function steering wheel	✓			✓			
BMW					SVT Servotronic	✓						
BMW				Body	Quick test (Only for Body systems)	✓	✓	✓				
BMW					ZKE/GM (Central body electronics/GM base module)	✓	✓	✓	✓	✓		
BMW					MRS/AirBag/SIM (Multiple Restraint System)	✓	✓	✓				
BMW					IHKA/IHKR Integrated heating/air conditioning	✓	✓	✓	✓	✓		
BMW					KOM/IKE/IKI/INSTR(Instrument cluster)	✓	✓	✓	✓	✓		
BMW					LSZ/LCM (Lights switching center)	✓	✓		✓	✓		
BMW					LRA Automatic headlight vertical aim control	✓	✓	✓				
BMW					CVM Convertible top module	✓	✓	✓	✓			
BMW					PDC Park Distance Control	✓	✓	✓	✓	✓		
BMW					NAV Navigation computer	✓	✓	✓	✓			
BMW					SHD Sliding/titing sunroof	✓	✓	✓				
BMW					SMF/SM/SLM (Seat memory, driver)	✓	✓	✓	✓	✓		
BMW					MID Multi Information Display	✓	✓	✓				
BMW					SZM Switching center, center console	✓	✓	✓	✓			
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Co	✓	✓	✓	✓			
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	✓	✓	✓				
BMW					BM/MIR (On-board monitor/Multi-Information Radio	✓	✓	✓	✓	✓		
BMW					VID Video module	✓	✓	✓				
BMW					RAD Radio	✓	✓	✓	✓	✓		
BMW					STH park heating	✓						
BMW					DSP Digital Sound Processor	✓						
BMW					SES Language-input system	✓	✓	✓			✓	
BMW				Service functions	Drive\Digital Motor Electronics							1. Clear adaptations 2. CO adjustment
BMW					Drive\EGS transmission control							Clear adaptations
BMW					Chassis\Wheel-slip control system							Adjustment, steering-angle sensor

BMW					Body\Instrument cluster						Reset service interval indicator			
BMW					Body\Light Check Module						Read out operating data			
BMW	After 2002	Z Series _Z4- E85	Z4_2. 2i, Z4_2. 5i, Z4_3. 0i	Quick test	Quick test	√	√	√						
BMW					Quick test (Only for Drive systems)	√	√	√						
BMW				Drive	DME/DDE (Motor/Diesel Electronics)	√	√	√	√	√				
BMW					EML Electronic engine-power control	√	√	√						
BMW					EWS Vehicle immobilizer	√	√	√	√	√				
BMW				Chassis	Quick test (Only for Chassis systems)	√	√	√						
BMW					ABS/ASC/DSC (Dynamic Stability Control)	√	√	√	√	√				
BMW					LEW/LWS (Steering angle sensor)	√	√	√	√					
BMW					EPS Electronic Power Steering	√	√	√	√					
BMW				Body	MFL Multi-function steering wheel	√			√					
BMW					Quick test (Only for Body systems)	√	√	√						
BMW					ZKE/GM (Central body electronics/GM base module)	√	√	√	√	√				
BMW					CVM Convertible top module	√	√	√	√					
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	√	√	√	√	√				
BMW					IHKA/IHKR Integrated heating/air conditioning	√	√	√	√	√				
BMW					KOM/IKE/IKI/INSTR(Instrument cluster)	√	√	√	√	√				
BMW					LSZ/LCM (Lights switching center)	√	√		√	√				
BMW					LRA Automatic headlight vertical aim control	√	√	√						
BMW					SBSL Satellite, B-pillar, left	√	√	√	√					
BMW					SBSR Satellite, B-pillar, right	√	√	√	√					
BMW					MRS/AirBag/SIM (Multiple Restraint System)	√	√	√						
BMW					PDC Park Distance Control	√	√	√	√	√				
BMW					NAV Navigation computer	√	√	√	√					
BMW					SMF/SM/SLM (Seat memory , driver)	√	√	√	√	√				
BMW					MID Multi Information Display	√	√	√						
BMW					SZM Switching center, center console	√	√	√	√					
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Co	√	√	√	√					
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	√	√	√						
BMW					VID Video module	√	√	√						
BMW				RAD Radio	√	√	√	√	√					
BMW				STH park heating	√									
BMW				DSP Digital Sound Processor	√									
BMW				SES Language-input system	√	√	√		√					
BMW				SHD Sliding/titing sunroof	√	√	√							
BMW				Service functions	Chassis\Wheel-slip control system						Adjustment, steering-angle sensor			
BMW					Body\Instrument cluster						Reset service interval indicator			
BMW								Body\Light Check Module			Read out operating data			
BMW							Quick test	Quick test	√	√	√			
BMW								Quick test (Only for Drive systems)	√	√	√			
BMW							Drive	DME/DDE (Motor/Diesel Electronics)	√	√	√	√	√	
BMW								EML Electronic engine-power control	√	√	√			

BMW	2000-2003	Z Series _Z8- E52	Z8_S62		EGS transmission control	√	√	√	√	√				
BMW					EWS Vehicle immobilizer	√	√	√	√					
BMW				Chassis	Quick test (Only for Chassis systems)	√	√	√						
BMW					ABS/ASC/DSC (Dynamic Stability Control)	√	√	√	√	√				
BMW					LEW/LWS (Steering angle sensor)	√	√	√	√					
BMW					EPS Electronic Power Steering	√	√	√	√					
BMW					MFL Multi-function steering wheel	√			√					
BMW					Quick test (Only for Body systems)	√	√	√						
BMW				Body	ZKE/GM (Central body electronics/GM base module)	√	√	√	√	√				
BMW					CVM Convertible top module	√	√	√	√					
BMW					BM/MIR (On-board monitor/Multi-Information Radio)	√	√	√	√	√				
BMW					IHKA/IHKR Integrated heating/air conditioning	√	√	√	√	√				
BMW					KOM/IKE/IKI/INSTR (Instrument cluster)	√	√	√	√	√				
BMW					LSZ/LCM (Lights switching center)	√	√	√	√	√				
BMW					LRA Automatic headlight vertical aim control	√	√	√						
BMW					SBSL Satellite, B-pillar, left	√	√	√	√					
BMW					SBSR Satellite, B-pillar, right	√	√	√	√					
BMW					MRS/AirBag/SIM (Multiple Restraint System)	√	√	√						
BMW					PDC Park Distance Control	√	√	√	√	√				
BMW					NAV Navigation computer	√	√	√	√					
BMW					SMF/SM/SLM (Seat memory ,driver)	√	√	√	√	√				
BMW					MID Multi Information Display	√	√	√						
BMW					SZM Switching center, center console	√	√	√	√					
BMW					RLS/AIC (Rain/Light Sensor/Automatic interval Co	√	√	√	√					
BMW					TCU/ULF/TEL/BIT (Telematic Control unit)	√	√	√						
BMW					VID Video module	√	√	√						
BMW					RAD Radio	√	√	√	√	√				
BMW					STH park heating	√								
BMW					DSP Digital Sound Processor	√								
BMW					SES Language-input system	√	√	√			√			
BMW					SHD Sliding/titing sunroof	√	√	√						
BMW					Service functions	Chassis\Wheel-slip control system							Adjustment, steering-angle sensor	
BMW				Body\Instrument cluster								Reset service interval indicator		
BMW				Body\Light Check Module								Read out operating data		
MINI							Short test	Short test	√	√	√			
MINI							Drive	DME Digital Engine/Gearbox Electronics 2	*√	*√	*√	*√	*√	
MINI	EWS Electronic immobilizer	√	√					√	√					
MINI	Chassis	ABS/ASC/DSC Dynamic Stability control	*√				*√	*√	*√	*√	*√			
MINI		EHPS Electro-hydraulic steering assistance	*√				*√	*√	*√	*√	*√			
MINI		LEW Steering - angle sensor	√				√	√	√					
MINI	Quick test	√	√				√							
MINI	RLS/AIC (Rain/Light Sensor/Automatic interval Co	√	√				√							
MINI	BM On-board monitor	√												
MINI	KOM Instrument cluster	*√	*√				*√	*√	*√					
MINI	KOMB12 additional Instruments	*√												

MINI	2001-2006	MINI _R50/R 52/R53	MINI_ONE, COOPER, COOPER_S	Body	IHKA Heater/automatic A/C control	*√	*√	*√	*√	*√		
MINI					MFL Multifunction steering wheel I	√	√	√	√			
MINI					MRS Multiple Restraint System IV	√	√	√				
MINI					LRA Headlight vertical aim control	√	√	√	√	√		
MINI					NAV Navigation computer, Europe	√	√	√	√			
MINI					PDC Park Distance Control	*√	*√	*√	*√	*√		
MINI					RAD Radio	*√	*√	*√	*√	*√		
MINI					CVM Convertible top module	*√	*√	*√	*√	*√		
MINI					STH park heating	*√						
MINI					SHD Sliding/tilting sunroof module	√	√	√				
MINI					ZKE Central body electronics BC 1	*√	*√	*√	*√	*√		
MINI					Service functions	Drive\Digital Motor Electronics						Clear adaptations
MINI						Drive\EGS transmission control						Clear adaptations
MINI						Drive\Electronic car immobilisation system						Disable/enable key *√
MINI	Body\Instrument cluster							Reset service interval indicator				
BMW	Coding /Program			ZCS/FA CODING	E31						Display coding code	
BMW					E32						Display coding code	
BMW					E34						Display coding code	
BMW					E36(With Z3)						Display coding code	
BMW					E38						Display coding code	
BMW					E39						Display coding code	
BMW					E46						Display coding code	
BMW					X5-E53						Display coding code	
BMW				ALIGNMENT EWS-DME	ALIGNMENT EWS-DME					ALIGNMENT EWS-DME *√		