



FCAR Diagnostic List bmw_v8.40

Remark:

1. ✓ : means that the system has this function

2. - : means that the system does not have this function

3. compared with the last version, the new added function is marked in red color.

Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
1 Series	1' E81/E82/E87/E88	Drive	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Drive	DME [Digital Motor Electronics]	✓	✓	✓	✓	✓	✓	
1 Series	1' E81/E82/E87/E88	Drive	EGS [Transmission control]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Drive	EKPS [Fuel-pump control]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Chassis	AL [Active steering]	✓	✓	✓	✓	-	-	
1 Series	1' E81/E82/E87/E88	Chassis	ABS-DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Chassis	EPS [Electronic Power Steering]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CA [Comfort Access system]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CCC-A [Applications]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CCC-ANT [Aerial tuner]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CCC-ASK [Audio system controller]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CCC-BO [User interface]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CCC-GW [Gateway]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CHAMP-BO [User interface]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CHAMP-GW [Gateway]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	DWA [Antitheft alarm system]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	FRM2 [Footwell Module 2]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	FZD [Function Centre, Roof]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	IHKR [Integrated heating/air-conditioning regulation]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	IHR [Integrated heater control]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	JBE [Junction-box electronics]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	JBE2 [Junction Box electronics 2]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	JNAV [Navigation system, Japan]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	M-ASK-BO [User interface]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	M-ASK-GW [Gateway]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	M-ASK-NAV [Navigation system]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	MRS [Multiple Restranint system]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	RAD2-BO [User interface]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	RAD2-GW [Gateway]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	RLSS [Rain/light solar sensor]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	SDARS [Satellite tuner]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	SINE [Siren and tilt sensor]	✓	✓	✓	✓	-	-	
1 Series	1' E81/E82/E87/E88	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
1 Series	1' E81/E82/E87/E88	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
1 Series	1' _E81/E82/E87/E88	Body	TCU [Telematic Control unit]	✓	✓	✓	✓	✓	-	
1 Series	1' _E81/E82/E87/E88	Body	ULF [Universal charging and hands-free facility]	✓	✓	✓	✓	✓	-	
1 Series	1' _E81/E82/E87/E88	Body	ULF-SBX [Interface box]	✓	✓	✓	✓	✓	-	
1 Series	1' _E81/E82/E87/E88	Body	ULF-SBX-H [Interface box High]	✓	✓	✓	✓	✓	-	
1 Series	1' _E81/E82/E87/E88	Quick test	[Start vehicle test]							
1 Series	1' _E81/E82/E87/E88	Quick test	[Delete fault memory]							
1 Series	1' _E81/E82/E87/E88	Service function	Maintenance CBS reset							
1 Series	1' _E81/E82/E87/E88	Service function	Maintenance CBS correct							
1 Series	1' _E81/E82/E87/E88	Service function	Steering-angle sensor							
1 Series	1' F20	Drive	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Drive	DME/DDE [Digital motor/Diesel electronics]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Drive	EKPS [Electronic Fuel pump]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Drive	EGS/SMG [Transmission management]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Drive	VTG [Transfer case]	✓	-	-	-	-	-	
1 Series	1' F20	Drive	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	AL [Active steering]	✓	✓	✓	✓	-	-	
1 Series	1' F20	Chassis	ICM [Integrated chassis management]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	RDC [Tyre pressure control]	✓	-	-	-	-	-	
1 Series	1' F20	Chassis	ABS-DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	HSR [Rear-axle slip-angle control]	✓	✓	✓	✓	-	-	
1 Series	1' F20	Chassis	EPS [Electronic Power Steering]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	EDCSVL [Damper satellite, front left]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	EDCSVR [Damper satellite, front right]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	EDCSHL [Damper satellite, rear left]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Chassis	EDCSHR [Damper satellite, rear right]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	JBE [Junction-box electronics]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	SZL [Switch center steering column]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	TRSV [All round view camera]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	SWW [Lane change warning]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	ZGM [Central Gateway Module]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	RSE [Rear Seat Entertainment]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	TCU/ULF [Telephone]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	EMALI [Left electric motor reel]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	EMARE [Right electric motor reel]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	FZD [Function centre, roof]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	KAFAS [Camera based driver assist systems]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
1 Series	1' F20	Body	CIC/CHAMP [Car headunit platform]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	FCON [Rear Compartment controller]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	SMFAH [Seat module, driver's side rear]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	SMBFH [Seat module, passenger's side rear]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	FD2 [Rear compartment display 2]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	FKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	HKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Body	DVDC [DVD changer]	✓	✓	✓	✓	✓	-	
1 Series	1' F20	Quick test	[Start vehicle test]							
1 Series	1' F20	Quick test	[Delete fault memory]							
1 Series	1' F20	Service function	Maintenance CBS reset Software reset							
1 Series	1' F20	Service function	Maintenance CBS correct							
1 Series	1' F20	Service function	EMF [Parking brake]							
3 Series	3' /Z1_E30	Drive	DME [Engine]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Drive	EGS [Transmission]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Drive	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Drive	GR [Cruise Control]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Drive	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	DWA [Burglar-alarm system]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	EKM [Electronic Body Module]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	IHKA/IHKA [A/C/heater]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	SPM/SM	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
3 Series	3' /Z1_E30	Body	URS [Rollover sensor]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	VNC [Variable Camshaft Control]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Quick test	[Start vehicle test]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z1_E30	Quick test	[Delete fault memory]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Drive	DME [Engine]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Drive	EGS [Transmission]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Drive	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Drive	GR [Cruise control]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Drive	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	DWA [Burglar-alarm system]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	EKM [Electronic Body Module]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	IHKA/IHKR [AC/heater]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	SPM/SM	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	URS [Rollover sensor]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	VNC [Variable Camshaft Control]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Quick test	[Start vehicle test]	✓	✓	✓	✓	✓	-	
3 Series	3' /Z3_E36	Quick test	[Delete fault memory]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Drive	DME [Engine]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Drive	EGS [Transmission]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Drive	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Drive	GR [Cruise control]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Chassis	LEW [Steering-angle sensor]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Body	AIC [Automatic Interval Control]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Body	BIT [Basic Interface Telephone]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Body	BM [On-board monitor]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Body	IHKA/IHKR [AC/heater]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Body	LSZ/LCM [Light switch center]	✓	✓	✓	✓	✓	-	
3 Series	3' _E46	Body	MFL [Multi-function steering wheel]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems		Function						
					Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
3 Series	3' E46	Body	PDC [Park Distance Control]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	RAD [Radio]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	RLSS [Rain/light solar sensor]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	SHD [Sliding/tilting sunroof]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	SMB [Entrance aid, passenger]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	SMF [Seat memory, driver]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	SPMBT [Mirror memory, passenger]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	SPMFT [Mirror memory, driver]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	SRS [Air bag]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	SZM [Switching center, center console]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	URS [Rollover sensor]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	ZKE [Central body electronic]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Body	TCU [Telematic Control unit]		✓	✓	✓	✓	✓	-	
3 Series	3' E46	Quick test	[Start vehicle test]								
3 Series	3' E46	Quick test	[Delete fault memory]								
3 Series	3' E46	Service function	Maintenance	Reset service interval indicator							
3 Series	3' E46	Service function	ABS/ASC/DSC Dynamic Stability Control								
3 Series	3' E46	Service function	Transmission management SMG								
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	DME						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	EGS						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	EWS						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	ABS						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	A/C						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	SRS						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	IKE						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	LCM						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	ZKE						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	AIC						
3 Series	3' E46	Programming/Coding	E46 part 1	Programming, Coding	RAD						
3 Series	3' E46	Programming/Coding	E46 part 1	Service functions	ABS/ASC/DSC						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	DME						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	EGS						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	EWS						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	LEW						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	A/C						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	SRS						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	IKE						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	LCM						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	ZKE						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	RAD						
3 Series	3' E46	Programming/Coding	E46 part 2	Programming, Coding	SZM						
3 Series	3' E46	Programming/Coding	E46 part 3	Programming, Coding	DME						
3 Series	3' E46	Programming/Coding	E46 part 3	Programming, Coding	EGS						
3 Series	3' E46	Programming/Coding	E46 part 3	Programming, Coding	LEW						
3 Series	3' E46	Programming/Coding	E46 part 3	Programming, Coding	SRS						
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	DME						



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Series	Chassis	Module	Systems			Function						
						Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	EGS							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	EWS							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	ABS							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	A/C							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	SRS							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	IKE							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	LCM							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	ZKE							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	AIC							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	RAD							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	SHD							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	SMF							
3 Series	3' E46	Programming/Coding	E46 part 4	Programming, Coding	EKP							
3 Series	3' E46	Programming/Coding	E46 part 4	Service functions	ABS/ASC/DSC							
3 Series	3' E46	Programming/Coding	E46 part 5	Programming, Coding	IKE							
3 Series	3' E46	Programming/Coding	E46 part 5	Programming, Coding	SRS							
3 Series	3' E46	Programming/Coding	E46 part 5	Programming, Coding	LCM							
3 Series	3' E46	Programming/Coding	E46 part 5	Programming, Coding	ZKE							
3 Series	3' E46	Programming/Coding	E46 part 5	Drive	Motor Electronics							
3 Series	3' E46	Programming/Coding	E46 part 5	Chassis	ABS/ASC/DSC							
3 Series	3' E46	Programming/Coding	E46 part 5	CODING (Recoding)	LEW[Steering-angle sensor]							
3 Series	3' E46	Programming/Coding	E46 part 5	CODING (Recoding)	LSZ[Light switching centre]							
3 Series	3' E46	Programming/Coding	E46 part 5	CODING (Recoding)	ZKE[Central Body Electronic]							
3 Series	3' E46	Programming/Coding	E46 part 5	CODING (Recoding)	IHKA[Heater and A/C control]							
3 Series	3' E46	Programming/Coding	E46 part 5	CODING (Recoding)	SHD[Sunroof module]							
3 Series	3' E46	Programming/Coding	E46 part 5	CODING (Recoding)	IKE[Instrument cluster]							
3 Series	3' E46	Programming/Coding	E46 part 5	CODING (Recoding)	SM[Seat module]							
3 Series	3' E46	Programming/Coding	E46 part 5	CAR KEY MEMORY	RAD[Radio]							
3 Series	3' E46	Programming/Coding	E46 part 5	CAR KEY MEMORY	LSZ/LCM[Light switching center]							
3 Series	3' E46	Programming/Coding	E46 part 5	CAR KEY MEMORY	ZKE[Central body electronic]							
3 Series	3' E90/E91/E92/E93	Drive	CAS [Car Access System]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Drive	DME [Digital Motor Electronics]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Drive	DDE [Diesel Electronics]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Drive	EGS [Transmission control]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Drive	GWS [Gear selector switch]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Drive	EKPS [Fuel-pump control]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Drive	VTC [Valvetronic]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Drive	VTC2 [Valvetronic 2]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Drive	VTG [Transfer case]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Chassis	AL [Active steering]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Chassis	ARS [Dynamic Drive]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Chassis	DSC [Dynamic Stability Control]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Chassis	EHC [Electronic Ride-Height Control]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Chassis	EMF [Parking brake]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Chassis	EPS [Electronic Power Steering]			✓	✓	✓	✓	✓	-	
3 Series	3' E90/E91/E92/E93	Chassis	LDM [Longitudinal Dynamics Management]			✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
3 Series	3'_E90/E91/E92/E93	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	AMPH [Hi-Fi amplifier]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	AMPT [Top Hi-Fi amplifier]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CA [ComFort Access system]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CCC-A [Applications]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CCC-ANT [Aerial tuner]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CCC-ASK [Audio system controller]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CCC-BO [User interface]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CCC-GW [Gateway]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CHAMP-BO [User interface]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CHAMP-GW [Gateway]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CNAV [Navigation system, China]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	DVD-C [DVD Changer]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	DWA [Antitheft alarm system]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	FD [Rear-cabin display]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	FKA [Rear heater/air conditioning]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	FRM2 [Footwell module 2]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	FZD [Function Center, Roof]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	JBE2 [Junction Box electronics 2]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	JNAV [Navigation system, Japan]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	KHM [Headphones module]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	KNAV [Navigation system, Korea]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	M-ASK-BO [User interface]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	M-ASK-GW [Gateway]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	RLSS [Rain/Light solar sensor]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	SDARS [Satellite tuner]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	SINE [Siren and tilt sensor]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	TCU [Transmission Control unit]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	ULF-SBX [Interface box]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	ULF-SBX-H [Interface box High]	✓	✓	✓	✓	✓	-	
3 Series	3'_E90/E91/E92/E93	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
3 Series	3'_E90/E91/E92/E93	Body	VSW [Video switch]	√	√	√	√	√	-	
3 Series	3'_E90/E91/E92/E93	Quick test	[Start vehicle test]							
3 Series	3'_E90/E91/E92/E93	Quick test	[Delete fault memory]							
3 Series	3'_E90/E91/E92/E93	Service function	Maintenance CBS reset							
3 Series	3'_E90/E91/E92/E93	Service function	Maintenance CBS correct							
3 Series	3'_E90/E91/E92/E93	Service function	Steering-angle sensor							
3 Series	3'_E90/E91/E92/E93	Service function	EMF [Parking brake]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 1 Service functions Chassis 1 Steering-angle sensor							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 2 Drive DME							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 2 Drive EGS							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 2 Coding/Program CODING(Recoding) Car Access System(CAS) is just replaced							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 2 Coding/Program CODING(Recoding) Footwell Module(FRM) is just replaced							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 2 Coding/Program Maintenance CBS correct							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 2 Coding/Program Service functions 1 Steering-angle sensor							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 3 Programming, Coding Passenger side seat airbag							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 3 Programming, Coding Central door lock							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 3 Programming, Coding Tire pressure							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 3 Programming, Coding Transmission							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 5 Programming/Coding 1 oc3_1(seat airbag)							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 5 Programming/Coding 2 seat airbag battery							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90 part 5 Programming/Coding 3 Automatic close window							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding ZGM/SGM/JBBF [Safety and Gateway Module]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding SIM/SGM/ACSM [Safety And Information]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding CCC-ASK [Audio system controller]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding CAS [Car Access System]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding TEL [Telephone]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding FZD [Functional center roof]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding KBM [Body Basic Module]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding INSTR [Instrument cluster]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding M-ASK-GW [Gateway]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding MMI/CCC [MMI Audio System Controller]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding FAS [Seat Module Front]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding BFS [Seat Module Back]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding KLIMA [Climate Module]							
3 Series	3'_E90/E91/E92/E93	Programming/Coding	E90/E93 part 6 Programming/Coding ABS-DSC [Dynamic Stability Control]							
3 Series	3'_F30	Driver	CAS [Car Access System]	√	√	√	√	√	-	
3 Series	3'_F30	Driver	DME/DDE [Digital motor/Diesel electronics]	√	√	√	√	√	-	
3 Series	3'_F30	Driver	EKPS [Electronic Fuel pump]	√	√	√	√	√	-	
3 Series	3'_F30	Driver	EGS/SMG [Transmission management]	√	√	√	√	√	-	
3 Series	3'_F30	Driver	VTG [Transfer case]	√	√	√	√	√	-	
3 Series	3'_F30	Driver	GWS [Gear selector switch]	√	√	√	√	√	-	
3 Series	3'_F30	Chassis	AL [Active steering]	√	√	√	√	√	-	
3 Series	3'_F30	Chassis	ICM [Integrated chassis management]	√	√	√	√	√	-	
3 Series	3'_F30	Chassis	RDC [Tyre pressure control]	√	√	√	√	√	-	
3 Series	3'_F30	Chassis	DSC [Dynamic Stability Control]	√	√	√	√	√	-	
3 Series	3'_F30	Chassis	EMF [Parking brake]	√	√	√	√	√	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
3 Series	3'_F30	Chassis	HSR [Rear-axle slip-angle control]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Chassis	EPS [Electronic Power Steering]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Chassis	EDCSVL [Damper satellite, front left]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Chassis	EDCSVR [Damper satellite, front right]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Chassis	EDCSHL [Damper satellite, rear left]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Chassis	EDCSHR [Damper satellite, rear right]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	JBE [Junction-box electronics]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	SZL [Switch center steering column]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	TRSVC [All round view camera]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	SWW [Lane change warning]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	ZGM [Central Gateway Module]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	RSE [Rear Seat Entertainment]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	TCU/ULF [Telephone]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	EMALI [Left electric motor reel]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	EMARE [Right electric motor reel]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	FZD [Function centre, roof]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	KAFAS [Camera based driver assist systems]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	CIC/CHAMP [Car headunit platform]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	FCON [Rear Compartment controller]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	SMFAH [Seat module, driver's side rear]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	SMBFH [Seat module, passenger's side rear]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	FD2 [Rear compartment display 2]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	FKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	HKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
3 Series	3'_F30	Body	DVDC [DVD changer]	✓	✓	✓	✓	✓	-	



FCAR Diagnostic List bmw_v8.40

Remark:

1. ✓ : means that the system has this function

2. - : means that the system does not have this function

3. compared with the last version, the new added function is marked in red color.

Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
3 Series	3'_F30	Quick test	[Start vehicle test]							
3 Series	3'_F30	Quick test	[Delete fault memory]							
3 Series	3'_F30	Service function	Maintenance CBS reset							
3 Series	3'_F30	Service function	Maintenance CBS correct							
3 Series	3'_F30	Service function	EMF [Parking brake]							
3 Series	3'_F35	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Driver	DME/DDE [Digital motor/Diesel electronics]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Driver	EKPS [Electronic Fuel pump]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Driver	EGS/SMG [Transmission management]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Driver	VTG [Transfer case]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	ICM [Integrated chassis management]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	HSR [Rear-axle slip-angle control]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	EPS [Electronic Power Steering]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	EDCSVL [Damper satellite, front left]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	EDCSVR [Damper satellite, front right]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	EDCSHL [Damper satellite, rear left]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Chassis	EDCSHR [Damper satellite, rear right]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	JBE [Junction-box electronics]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	SZL [Switch center steering column]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	TRSVC [All round view camera]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	SWW [Lane change warning]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	ZGM [Central Gateway Module]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	RSE [Rear Seat Entertainment]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	TCU/ULF [Telephone]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	EMALI [Left electric motor reel]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	EMARE [Right electric motor reel]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	FZD [Function centre, roof]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	KAFAS [Camera based driver assist systems]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	CIC/CHAMP [Car headunit platform]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
3 Series	3'_F35	Body	FCON [Rear Compartment controller]	✓	✓	✓	✓	✓	-	



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
3 Series	3' F35	Body	SMFAH [Seat module, driver's side rear]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	SMBFH [Seat module, passenger's side rear]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	FD2 [Rear compartment display 2]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	FKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	HKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Body	DVDC [DVD changer]	✓	✓	✓	✓	✓	-	
3 Series	3' F35	Quick test	[Start vehicle test]							
3 Series	3' F35	Quick test	[Delete fault memory]							
3 Series	3' F35	Service function	Maintenance CBS reset							
3 Series	3' F35	Service function	Maintenance CBS correct							
3 Series	3' F35	Service function	EMF [Parking brake]							
5 Series	5' E28	Drive	DME [Engine]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Drive	EGS [Transmission]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Drive	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Chassis	GR [Cruise control]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Chassis	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	DWA [Burglar-alarm system]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	EKM [Electronic Body Module]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	IHKA/IHKA [AC/heater]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	SPM/SM	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	URS [Rollover sensor]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	VNC [Variable Camshaft Control]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
5 Series	5' E28	Quick test	[Start vehicle test]							



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function							
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark	
5 Series	5' E28	Quick test	[Delete fault memory]								
5 Series	5' E34	Drive	DME [Engine]	√	√	√	√	√		-	
5 Series	5' E34	Drive	EGS [Transmission]	√	√	√	√	√		-	
5 Series	5' E34	Drive	EWS [Electronic immobilize system]	√	√	√	√	√		-	
5 Series	5' E34	Chassis	GR [Cruise control]	√	√	√	√	√		-	
5 Series	5' E34	Chassis	EML [Electronic throttle]	√	√	√	√	√		-	
5 Series	5' E34	Chassis	ABS [Antilock brake]	√	√	√	√	√		-	
5 Series	5' E34	Chassis	EHC/EDC [Signal-axle air suspension]	√	√	√	√	√		-	
5 Series	5' E34	Body	AHK [Active Rear-Axle Kinematics]	√	√	√	√	√		-	
5 Series	5' E34	Body	CVM [Convertible-top module]	√	√	√	√	√		-	
5 Series	5' E34	Body	DWA [Burglar-alarm system]	√	√	√	√	√		-	
5 Series	5' E34	Body	EKM [Electronic Body Module]	√	√	√	√	√		-	
5 Series	5' E34	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	√	√	√	√	√		-	
5 Series	5' E34	Body	IHKA/IHKR [AC/heater]	√	√	√	√	√		-	
5 Series	5' E34	Body	IKE/IKI/KOMBI [Instrument cluster]	√	√	√	√	√		-	
5 Series	5' E34	Body	LSZ/LCM [Light switching center]	√	√	√	√	√		-	
5 Series	5' E34	Body	MID [Multi Information Display]	√	√	√	√	√		-	
5 Series	5' E34	Body	PDC [Park Distance Control]	√	√	√	√	√		-	
5 Series	5' E34	Body	RAD [Radio]	√	√	√	√	√		-	
5 Series	5' E34	Body	SHD [Sliding/tilting sunroof]	√	√	√	√	√		-	
5 Series	5' E34	Body	SPM/SM	√	√	√	√	√		-	
5 Series	5' E34	Body	SRS [Air bag]	√	√	√	√	√		-	
5 Series	5' E34	Body	URS [Rollover sensor]	√	√	√	√	√		-	
5 Series	5' E34	Body	VNC [Variable Camshaft Control]	√	√	√	√	√		-	
5 Series	5' E34	Body	ZKE [Central body electronic]	√	√	√	√	√		-	
5 Series	5' E34	Quick test	[Start vehicle test]								
5 Series	5' E34	Quick test	[Delete fault memory]								
5 Series	5' E39	Drive	DME [Engine]	√	√	√	√	√		-	
5 Series	5' E39	Drive	DDE [Diesel Electronics]	√	√	√	√	√		-	
5 Series	5' E39	Drive	EGS [Transmission]	√	√	√	√	√		-	
5 Series	5' E39	Drive	EWS [Electronic immobilize system]	√	√	√	√	√		-	
5 Series	5' E39	Chassis	GR [Cruise control]	√	√	√	√	√		-	
5 Series	5' E39	Chassis	ABS [Antilock brake]	√	√	√	√	√		-	
5 Series	5' E39	Chassis	EHC/EDC [Signal-axle air suspension]	√	√	√	√	√		-	
5 Series	5' E39	Chassis	LEW [Steering-angle sensor]	√	√	√	√	√		-	
5 Series	5' E39	Body	AIC [Automatic Interval Control]	√	√	√	√	√		-	
5 Series	5' E39	Body	BIT [Basic Interface Telephone]	√	√	√	√	√		-	
5 Series	5' E39	Body	BM [On-board monitor]	√	√	√	√	√		-	
5 Series	5' E39	Body	IHKA/IHKR [AC/heater]	√	√	√	√	√		-	
5 Series	5' E39	Body	IKE/IKI/KOMBI [Instrument cluster]	√	√	√	√	√		-	
5 Series	5' E39	Body	LSZ/LCM [Light switching center]	√	√	√	√	√		-	
5 Series	5' E39	Body	MFL [Multi-function steering wheel]	√	√	√	√	√		-	
5 Series	5' E39	Body	MID [Multi Information Display]	√	√	√	√	√		-	
5 Series	5' E39	Body	NAV [Navigation system]	√	√	√	√	√		-	
5 Series	5' E39	Body	PDC [Park Distance Control]	√	√	√	√	√		-	
5 Series	5' E39	Body	RAD [Radio]	√	√	√	√	√		-	



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
5 Series	5' E39	Body	SES [Language-input system]	✓	✓	✓	✓	✓	-	
5 Series	5' E39	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
5 Series	5' E39	Body	SPM/SM	✓	✓	✓	✓	✓	-	
5 Series	5' E39	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
5 Series	5' E39	Body	SZM [Switching center, center console]	✓	✓	✓	✓	✓	-	
5 Series	5' E39	Body	VID [Video Module]	✓	✓	✓	✓	✓	-	
5 Series	5' E39	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
5 Series	5' E39	Quick test	[Start vehicle test]							
5 Series	5' E39	Quick test	[Delete fault memory]							
5 Series	5' E39	Service function	Maintenance Reset service interval indicator							
5 Series	5' E39	Service function	ABS/ASC/DSC Dynamic Stability Control							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding DME							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding EWS							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding A/C							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding SRS							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding IKE							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding LCM							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding ZKE							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding PDC							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding AIC							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding RAD							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding TEL							
5 Series	5' E39	Programming/Coding	E39 part 1 Programming/Coding MID							
5 Series	5' E39	Programming/Coding	E39 part 2 Programming/Coding SRS							
5 Series	5' E39	Programming/Coding	E39 part 2 Programming/Coding LCM							
5 Series	5' E39	Programming/Coding	E39 part 2 Programming/Coding ZKE							
5 Series	5' E39	Programming/Coding	E39 part 2 Coding/Program CODING (Recoding)							
5 Series	5' E60/E61	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	DDE [Diesel Electronics]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	DME [Digital Motor Electronics]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	EGS [Transmission control]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	EKPS [Fuel-pump control]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	SMG [Sequential Manual Gearbox]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	VTC [Valvetronic, bank 1]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	VTC2 [Valvetronic, bank 2]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Driver	VTG [Transfer Case]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	ARS [Dynamic Drive]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	DSC [Dynamic Stability Control PLUS]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	DSC [Dynamic Stability Control Premium]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	EDC [Damper Control]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	LDM [Longitudinal Dynamics Management]	✓	✓	✓	✓	✓	-	
5 Series	5' E60/E61	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
5 Series	5'_E60/E61	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	AHL [Adaptive directional headlights]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CA [ComFort Access system]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CCC-A [Applications]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CCC-ANT [Aerial tuner]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CCC-ASK [Audio system controller]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CCC-BO [User interface]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CCC-GW [Gateway]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CHAMP-BO [User interface]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CHAMP-GW [Gateway]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CIC [Car Information Computer]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CIC-GW [Gateway]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CNAV [Navigation system, China]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	DVD-C [DVD Changer]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	DWA [Antitheft alarm system]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	FBZM [Rear compartment, control centre, center console]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	FD [Rear-cabin display]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	FD2 [Rear-cabin display 2]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	IHKA2 [Integrated automatic heating/air condition]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	JNAV [Navigation system, Japan]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	KBM [Body Basic Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	KGM [Body Gateway Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	KHI [Headset interface]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	KNAV [Navigation system, Korea]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	LM2 AHL2 [Light module 2 with adaptive headlight 2]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	LM2 [Light module 2]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	LM2 [Light Module 2 with adaptive headlight]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	M-ASK-BO [User interface]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	M-ASK-GW [Gateway]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	M-ASK-NAV [Navigation system]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	MPM [Micro-power module]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	RLS [Rain/Light Sensor]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	RLSS [Rain/Light solar sensor]	✓	✓	✓	✓	✓	-	
5 Series	5'_E60/E61	Body	SBSL [Satellite, B-pillar, left]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems		Function							
					Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark	
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	INSTR [Instrument cluster]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	LM [Light Module]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	RLS [Rain/Light Sensor]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	AIRBAG-SBSL [Satellite, B-pillar, left]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	AIRBAG-SBSR [Satellite, B-pillar, right]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	SFZ [Satellite vehicle center]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	ACSM/SRS [Crash Safety Module]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	AIRBAG-TMFA [Door module, driver]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	AIRBAG-TMBF [Door module, front passenger]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	SZL [Switch center steering column]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	TEL [Telephone]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	ZGM [Safety Gateway Module]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	CID [Central Info Display]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	BZM [Base Control Center]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	FLA [Full Beam Assistent]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	CCC-BO [User interface]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	PDC [Park Distance Control]								
5 Series	5'_E60/E61	Programming/Coding	E60 part 4	SHD [Multi Drive Sliding]								
5 Series	5'_GT_F07	Driver	CAS [Car Access System]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Driver	DME/DDE [Digital motor/Diesel electronics]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Driver	EKPS [Electronic Fuel pump]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Driver	EGS/SMG [Transmission management]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Driver	VTG [Transfer case]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Driver	GWS [Gear selector switch]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	AL [Active steering]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	ICM [Integrated chassis management]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	RDC [Tyre pressure control]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	DSC [Dynamic Stability Control]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	EMF [Parking brake]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	HSR [Rear-axle slip-angle control]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	EPS [Electronic Power Steering]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	EHC [Electronic Ride-Height Control]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	VDM [Vertical Dynamics Management]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	EDCSVL [Damper satellite, front left]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	EDCSVR [Damper satellite, front right]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	EDCSHL [Damper satellite, rear left]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Chassis	EDCSHR [Damper satellite, rear right]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	JBE [Junction-box electronics]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	ACSM/SRS [Crash Safety Module]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	SZL [Switch center steering column]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	TRSVC [All round view camera]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	SWW [Lane change warning]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	ZGM [Central Gateway Module]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	RSE [Rear Seat Entertainment]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	TCU/ULF [Telephone]		✓	✓	✓	✓	✓	-		
5 Series	5'_GT_F07	Body	HUD [Head-Up Display]		✓	✓	✓	✓	✓	-		



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
5 Series	5'_GT_F07	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	EMALI [Left electric motor reel]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	EMARE [Right electric motor reel]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	FZD [Function centre, roof]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	KAFAS [Camera based driver assist systems]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	CIC/CHAMP [Car headunit platform]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	FCON [Rear Compartment controller]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	SMFAH [Seat module, driver's side rear]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	SMBFH [Seat module, passenger's side rear]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	FD2 [Rear compartment display 2]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	FKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	HKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Body	DVDC [DVD changer]	✓	✓	✓	✓	✓	-	
5 Series	5'_GT_F07	Quick test	[Start vehicle test]							
5 Series	5'_GT_F07	Quick test	[Delete fault memory]							
5 Series	5'_GT_F07	Service function	Maintenance							
5 Series	5'_GT_F07	Service function	Maintenance							
5 Series	5'_GT_F07	Service function	EMF [Parking brake]							
5 Series	5'_F10/F11/F18	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Driver	DME/DDE [Digital motor/Diesel electronics]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Driver	EKPS [Electronic Fuel pump]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Driver	EGS/SMG [Transmission management]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Driver	VTG [Transfer case]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	ICM [Integrated chassis management]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	HSR [Rear-axle slip-angle control]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
5 Series	5'_F10/F11/F18	Chassis	EPS [Electronic Power Steering]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	EDCSVL [Damper satellite, front left]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	EDCSVR [Damper satellite, front right]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	EDCSHL [Damper satellite, rear left]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Chassis	EDCSHR [Damper satellite, rear right]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	JBE [Junction-box electronics]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	SZL [Switch center steering column]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	TRSVC [All round view camera]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	SWW [Lane change warning]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	ZGM [Central Gateway Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	RSE [Rear Seat Entertainment]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	TCU/ULF [Telephone]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	EMALI [Left electric motor reel]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	EMARE [Right electric motor reel]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	FZD [Function centre, roof]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	KAFAS [Camera based driver assist systems]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	CIC/CHAMP [Car headunit platform]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	FCON [Rear Compartment controller]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	SMFAH [Seat module, driver's side rear]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	SMBFH [Seat module, passenger's side rear]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	FD2 [Rear compartment display 2]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	FKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	HKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Body	DVDC [DVD changer]	✓	✓	✓	✓	✓	-	
5 Series	5'_F10/F11/F18	Quick test	[Start vehicle test]							



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
5 Series	5'_F10/F11/F18	Quick test	[Delete fault memory]							
5 Series	5'_F10/F11/F18	Service function	Maintenance CBS reset							
5 Series	5'_F10/F11/F18	Service function	Maintenance CBS correct							
5 Series	5'_F10/F11/F18	Service function	EMF [Parking brake]							
6 Series	6'_E24	Driver	DME [Engine]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Driver	GR [Cruise control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Driver	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	DWA [Burglar-alarm system]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	EKM [Electronic Body Module]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	IHKA/IHKR [AC/heater]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	SPM/SM	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	URS [Rollover sensor]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	VNC [Variable Camshaft Control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
6 Series	6'_E24	Quick test	[Start vehicle test]							
6 Series	6'_E24	Quick test	[Delete fault memory]							
6 Series	6'_E63/E64	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Driver	DDE [Diesel Electronics]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Driver	DME [Digital Motor Electronics]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Driver	EGS [Transmission control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Driver	EKPS [Fuel-pump control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Driver	SMG [Sequential Manual Gearbox]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Driver	VTC [Valvetronic]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Driver	VTC2 [Valvetronic 2]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Chassis	ARS2 [Dynamic Drive 2]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Chassis	DSC [Dynamic Stability Control PLUS]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Chassis	DSC [Dynamic Stability Control Premium]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Chassis	EDC [Damper Control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Chassis	LDM [Longitudinal Dynamics Management]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
6 Series	6'_E63/E64	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	AHL [Adaptive directional headlights]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CA [Comfort Access system]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CCC-A [Applications]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CCC-ANT [Aerial tuner]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CCC-ASK [Audio system controller]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CCC-BO [User interface]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CCC-GW [Gateway]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CHAMP-BO [User interface]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CHAMP-GW [Gateway]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CNAV [Navigation system, China]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	DVD-C [DVD Changer]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	DWA [Antitheft alarm system]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	FBZM [Rear compartment, control centre, center console]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	IHKA2 [Integrated automatic heating/air condition]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	JNAV [Navigation system, Japan]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	KBM [Body Basic Module]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	KGM [Body Gateway Module]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	KNAV [Navigation system, Korea]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	LM2 AHL2 [Light module 2 with adaptive headlight 2]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	LM2 [Light Module 2]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	LM2 [Light Module 2 with adaptive headlight]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	M-ASK-BO [User interface]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	M-ASK-GW [Gateway]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	MPM [Micro-power module]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	RLS [Rain/Light Sensor]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	RLSS [Rain/light solar sensor]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SBSL [Satellite, B-pillar, left]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SBSR [Satellite, B-pillar, right]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SDARS [Satellite tuner]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SFZ [Satellite vehicle center]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SGM-SIM [Safety and Gateway Module(SIM)]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SGM-ZGM [Safety and Gateway Module(ZGM)]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
6 Series	6'_E63/E64	Body	SHZH [Independent/auxiliary heater]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SINE [Siren and tilt sensor]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SVS [Language processing system]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SZL [Switch center steering column]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SZL2 [Steering column switch centre 2]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SZM [Switching center, centre console]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	TCU [Telematic Control unit]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	TMBF [Door module, front passenger]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	TMFA [Door module, driver]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	SMF [Seat memory, driver]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	ULF [Universal charging and hands-free facility]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	ULF-SBX [Interface box]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	ULF-SBX-H [Interface box High]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
6 Series	6'_E63/E64	Quick test	[Start vehicle test]							
6 Series	6'_E63/E64	Quick test	[Delete fault memory]							
6 Series	6'_E63/E64	Service function	Maintenance							
6 Series	6'_E63/E64	Service function	Maintenance							
6 Series	6'_E63/E64	Programming/Coding	E64 part 1							
6 Series	6'_E63/E64	Programming/Coding	E64 part 2							
6 Series	6'_F12/F13	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Driver	DME/DDE [Digital motor/Diesel electronics]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Driver	EKPS [Electronic Fuel pump]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Driver	EGS/SMG [Transmission management]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Driver	VTG [Transfer case]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	ICM [Integrated chassis management]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	HSR [Rear-axle slip-angle control]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	EPS [Electronic Power Steering]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	EDCSVL [Damper satellite, front left]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	EDCSVR [Damper satellite, front right]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	EDCSHL [Damper satellite, rear left]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Chassis	EDCSHR [Damper satellite, rear right]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Body	JBE [Junction-box electronics]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Body	SZL [Switch center steering column]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Body	TRVC [All round view camera]	✓	✓	✓	✓	✓	-	
6 Series	6'_F12/F13	Body	SWW [Lane change warning]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
6 Series	6' F12/F13	Body	ZGM [Central Gateway Module]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	RSE [Rear Seat Entertainment]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	TCU/ULF [Telephone]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	EMALI [Left electric motor reel]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	EMARE [Right electric motor reel]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	FZD [Function centre, roof]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	KAFAS [Camera based driver assist systems]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	CIC/CHAMP [Car headunit platform]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	FCON [Rear Compartment controller]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	SMFAH [Seat module, driver's side rear]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	SMBFH [Seat module, passenger's side rear]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	FD2 [Rear compartment display 2]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	FKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	HKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Body	DVDC [DVD changer]	✓	✓	✓	✓	✓	-	
6 Series	6' F12/F13	Quick test	[Start vehicle test]							
6 Series	6' F12/F13	Quick test	[Delete fault memory]							
6 Series	6' F12/F13	Service function	Maintenance							
6 Series	6' F12/F13	Service function	Maintenance							
6 Series	6' F12/F13	Service function	EMF [Parking brake]							
6 Series	6' F12/F13	Service function	Maintenance							
6 Series	6' F12/F13	Service function	CBS reset							
6 Series	6' F12/F13	Service function	CBS correct							
6 Series	6' F12/F13	Service function	EMF [Parking brake]							
7 Series	7' E23	Driver	DME [Engine]	✓	✓	✓	✓	✓	-	
7 Series	7' E23	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
7 Series	7' E23	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
7 Series	7' E23	Driver	GR [Cruise control]	✓	✓	✓	✓	✓	-	
7 Series	7' E23	Driver	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
7 Series	7' E23	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
7 Series	7' E23	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
7 Series	7' E23	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
7 Series	7' E23	Body	CVM [Convertible-top module]	√	√	√	√	√	-	
7 Series	7' E23	Body	DWA [Burglar-alarm system]	√	√	√	√	√	-	
7 Series	7' E23	Body	EKM [Electronic Body Module]	√	√	√	√	√	-	
7 Series	7' E23	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	√	√	√	√	√	-	
7 Series	7' E23	Body	IHKA/IHKR [AC/heater]	√	√	√	√	√	-	
7 Series	7' E23	Body	IKE/IKI/KOMBI [Instrument cluster]	√	√	√	√	√	-	
7 Series	7' E23	Body	LSZ/LCM [Light switching center]	√	√	√	√	√	-	
7 Series	7' E23	Body	MID [Multi Information Display]	√	√	√	√	√	-	
7 Series	7' E23	Body	PDC [Park Distance Control]	√	√	√	√	√	-	
7 Series	7' E23	Body	RAD [Radio]	√	√	√	√	√	-	
7 Series	7' E23	Body	SHD [Sliding/tilting sunroof]	√	√	√	√	√	-	
7 Series	7' E23	Body	SPM/SM	√	√	√	√	√	-	
7 Series	7' E23	Body	SRS [Air bag]	√	√	√	√	√	-	
7 Series	7' E23	Body	URS [Rollover sensor]	√	√	√	√	√	-	
7 Series	7' E23	Body	VNC [Variable Camshaft Control]	√	√	√	√	√	-	
7 Series	7' E23	Body	ZKE [Central body electronic]	√	√	√	√	√	-	
7 Series	7' E23	Quick test	[Start vehicle test]							
7 Series	7' E23	Quick test	[Delete fault memory]							
7 Series	7' E32	Driver	DME [Engine]	√	√	√	√	√	-	
7 Series	7' E32	Driver	EGS [Transmission]	√	√	√	√	√	-	
7 Series	7' E32	Driver	EWS [Electronic immobilize system]	√	√	√	√	√	-	
7 Series	7' E32	Driver	GR [Cruise control]	√	√	√	√	√	-	
7 Series	7' E32	Driver	EML [Electronic throttle]	√	√	√	√	√	-	
7 Series	7' E32	Chassis	ABS [Antilock brake]	√	√	√	√	√	-	
7 Series	7' E32	Chassis	EHC/EDC [Signal-axle air suspension]	√	√	√	√	√	-	
7 Series	7' E32	Body	AHK [Active Rear-Axle Kinematics]	√	√	√	√	√	-	
7 Series	7' E32	Body	CVM [Convertible-top module]	√	√	√	√	√	-	
7 Series	7' E32	Body	DWA [Burglar-alarm system]	√	√	√	√	√	-	
7 Series	7' E32	Body	EKM [Electronic Body Module]	√	√	√	√	√	-	
7 Series	7' E32	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	√	√	√	√	√	-	
7 Series	7' E32	Body	IHKA/IHKR [AC/heater]	√	√	√	√	√	-	
7 Series	7' E32	Body	IKE/IKI/KOMBI [Instrument cluster]	√	√	√	√	√	-	
7 Series	7' E32	Body	LSZ/LCM [Light switching center]	√	√	√	√	√	-	
7 Series	7' E32	Body	MID [Multi Information Display]	√	√	√	√	√	-	
7 Series	7' E32	Body	PDC [Park Distance Control]	√	√	√	√	√	-	
7 Series	7' E32	Body	RAD [Radio]	√	√	√	√	√	-	
7 Series	7' E32	Body	SHD [Sliding/tilting sunroof]	√	√	√	√	√	-	
7 Series	7' E32	Body	SPM/SM	√	√	√	√	√	-	
7 Series	7' E32	Body	SRS [Air bag]	√	√	√	√	√	-	
7 Series	7' E32	Body	URS [Rollover sensor]	√	√	√	√	√	-	
7 Series	7' E32	Body	VNC [Variable Camshaft Control]	√	√	√	√	√	-	
7 Series	7' E32	Body	ZKE [Central body electronic]	√	√	√	√	√	-	
7 Series	7' E32	Quick test	[Start vehicle test]							
7 Series	7' E32	Quick test	[Delete fault memory]							
7 Series	7' E38	Driver	DME [Engine]	√	√	√	√	√	-	
7 Series	7' E38	Driver	DME2 [Digital Motor Electronics 2]	√	√	√	√	√	-	



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
7 Series	7' E38	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Driver	GR [Cruise control]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Driver	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Chassis	LEW [Steering-angle sensor]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	AIC [Automatic Interval Control]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	BIT [Basic Interface Telephone]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	BM [On-board monitor]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	IHKA/IHKR [AC/heater]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	MFL [Multi-function steering wheel]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	NAV [Navigation system]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	SES [Language-input system]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	SPM/SM	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	SZM [Switching center, center console]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	VID [Video Module]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	DSP [Digital Sound Processor]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	FGB [Rear Compartment blower]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Body	LRA [Headlight beam height control]	✓	✓	✓	✓	✓	-	
7 Series	7' E38	Quick test	[Start vehicle test]							
7 Series	7' E38	Quick test	[Delete fault memory]							
7 Series	7' E38	Service functions	Maintenance							
7 Series	7' E38	Service functions	Reset service interval indicator							
7 Series	7' E38	Service functions	ABS/ASC/DSC Dynamic Stability Control							
7 Series	7' E38	Programming/Coding	E38 part 1							
7 Series	7' E38	Programming/Coding	SRS [Air bag]							
7 Series	7' E38	Programming/Coding	E38 part 1							
7 Series	7' E38	Programming/Coding	IKE/IKI/KOMBI [Instrument cluster]							
7 Series	7' E38	Programming/Coding	E38 part 1							
7 Series	7' E38	Programming/Coding	LSZ/LCM [Light switching center]							
7 Series	7' E38	Programming/Coding	E38 part 1							
7 Series	7' E38	Programming/Coding	ZKE [Central body electronic]							
7 Series	7' E38	Programming/Coding	E38 part 1							
7 Series	7' E38	Programming/Coding	PDC [Park Distance Control]							
7 Series	7' E65/E66	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Driver	DDE [Diesel Electronics]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Driver	DME [Digital Motor Electronics]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Driver	DME2 [Digital Motor Electronics 2]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Driver	EGS [Transmission control]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Driver	EKPS [Fuel-pump control]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Driver	VTC [Valvetronic]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Driver	VTC2 [Valvetronic 2]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
7 Series	7' E65/E66	Chassis	ARS [Dynamic Drive]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Chassis	ARS2 [Dynamic Drive 2]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Chassis	CIM [Chassis Integration Module]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Chassis	CIM2 [Chassis Integration Module 2]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Chassis	EDC [Damper Control]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	AHL [Adaptive directional headlights]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	ANT [Aerial/antenna tuner]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	ASK [Audio System Controller]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	BZM [Control centre, centre console]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	CA [Comfort Access system]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	CD [Control Display]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	CD-GW [Control Display (Gateway)]/M-ASK-GW [Gateway]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	CNAV [Navigation system, China]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	DVD-C [DVD Changer]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	DWA [Antitheft alarm system]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	FBZM [Rear compartment, control centre, center console]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	FCON [Rear Compartment controller]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	FD [Rear-cabin display]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	FKA [Rear heater/air conditioning]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	JNAV [Navigation system, Japan]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	KHI [Headset interface]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	KNAV [Navigation system, Korea]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	LM [Light Module]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	LM2 AHL2 [Light module 2 with adaptive headlight 2]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	LM2 [Light Module 2]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	LM2 [Light Module 2 with adaptive headlight]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	NAV [Navigation system]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	PM/MPM [(Micro) Power module]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	RLS [Rain/Light Sensor]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	SASL [Satellite, A-pillar, left]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	SASR [Satellite, A-pillar, right]	✓	✓	✓	✓	✓	-	
7 Series	7' E65/E66	Body	SBSL [Satellite, B-pillar, left]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
7 Series	7' E65/E66	Programming/Coding	E65 part 2 SZL [Switch center steering column]							
7 Series	7" F01/F02/F03/F04	Driver	CAS [Car Access System]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Driver	DME/DDE [Digital motor/Diesel electronics]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Driver	EKPS [Electronic Fuel pump]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Driver	EGS/SMG [Transmission management]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Driver	VTG [Transfer case]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Driver	GWS [Gear selector switch]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	AL [Active steering]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	ICM [Integrated chassis management]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	RDC [Tyre pressure control]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	DSC [Dynamic Stability Control]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	EMF [Parking brake]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	HSR [Rear-axle slip-angle control]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	EPS [Electronic Power Steering]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	EHC [Electronic Ride-Height Control]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	VDM [Vertical Dynamics Management]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	EDCSVL [Damper satellite, front left]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	EDCSVR [Damper satellite, front right]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	EDCSHL [Damper satellite, rear left]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Chassis	EDCSHR [Damper satellite, rear right]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	JBE [Junction-box electronics]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	ACSM/SRS [Crash Safety Module]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	SZL [Switch center steering column]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	TRSVC [All round view camera]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	SWW [Lane change warning]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	ZGM [Central Gateway Module]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	RSE [Rear Seat Entertainment]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	TCU/ULF [Telephone]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	HUD [Head-Up Display]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	VSW [Video switch]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	VM [Video Module]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	EMALI [Left electric motor reel]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	EMARE [Right electric motor reel]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	FZD [Function centre, roof]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	NVE [Night Vision Electronics]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	KAFAS [Camera based driver assist systems]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	FLA [High Beam Assist]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	INSTR [Instrument cluster]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	CIC/CHAMP [Car headunit platform]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	PDC [Park Distance Control]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	CON [Controller]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	FCON [Rear Compartment controller]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	SMFAH [Seat module, driver's side rear]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	SMBFH [Seat module, passenger's side rear]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	HKL [Rear-lid lift]	√	√	√	√	√	-	
7 Series	7" F01/F02/F03/F04	Body	SMFA [Seat module, driver]	√	√	√	√	√	-	



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
7 Series	7" _F01/F02/F03/F04	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	FD2 [Rear compartment display 2]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	FKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	HKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Body	DVDC [DVD changer]	✓	✓	✓	✓	✓	-	
7 Series	7" _F01/F02/F03/F04	Quick test	[Start vehicle test]							
7 Series	7" _F01/F02/F03/F04	Quick test	[Delete fault memory]							
7 Series	7" _F01/F02/F03/F04	Service function	Maintenance CBS reset							
7 Series	7" _F01/F02/F03/F04	Service function	Maintenance CBS correct							
7 Series	7" _F01/F02/F03/F04	Service function	EMF [Parking brake]							
8 Series	8' _E31	Driver	DME [Engine]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Driver	GR [Cruise control]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Driver	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	DWA [Burglar-alarm system]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	EKM [Electronic Body Module]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	IHKA/IHRR [AC/heater]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	SPM/SM	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	URS [Rollover sensor]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	VNC [Variable Camshaft Control]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
8 Series	8' _E31	Quick test	[Start vehicle test]							
8 Series	8' _E31	Quick test	[Delete fault memory]							
X Series	X1_E84	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Driver	DME [Digital Motor Electronics]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Driver	DDE [Diesel Electronics]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
X Series	X1_E84	Driver	EGS [Transmission control]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Driver	EKPS [Fuel-pump control]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Driver	VTG [Transfer case]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Driver	QMVH [Lateral-moment distribution, rear axle]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Driver	VTC [Valvetronic]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Driver	VTC2 [Valvetronic 2]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Chassis	ARS [Dynamic Drive]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Chassis	LDM [Longitudinal Dynamics Management]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	AMPH [Hi-Fi amplifier]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	AMPT [Top Hi-Fi amplifier]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CA [Comfort Access system]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CCC-A [Applications]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CCC-ANT [Aerial tuner]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CCC-ASK [Audio system controller]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CCC-BO [User interface]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CCC-GW [Gateway]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CHAMP-BO [User interface]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CHAMP-GW [Gateway]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CNAV [Navigation system, China]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	DVD-C [DVD Changer]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	DWA [Antitheft alarm system]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	FD [Rear-cabin display]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	FKA [Rear heater/air conditioning]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	FRM2 [Footwell module 2]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	FZD [Function Center, Roof]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	JBE2 [Junction Box electronics 2]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	JNAV [Navigation system, Japan]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	KHM [Headphones module]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	KNAV [Navigation system, Korea]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
X Series	X1_E84	Body	M-ASK-B0 [User interface]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	M-ASK-GW [Gateway]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	RLSS [Rain/light solar sensor]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	SDARS [Satellite tuner]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	SINE [Siren and tilt sensor]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	TCU [Telematic Control unit]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	ULF-SBX [Interface box]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	ULF-SBX-H [Interface box High]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Body	CBX [CBX-ECALL]	✓	✓	✓	✓	✓	-	
X Series	X1_E84	Quick test	[Start vehicle test]							
X Series	X1_E84	Quick test	[Delete fault memory]							
X Series	X1_E84	Service function	Maintenance CBS reset							
X Series	X1_E84	Service function	Maintenance CBS correct							
X Series	X1_E84	Service function	EMF [Parking brake]							
X Series	X3_E83	Driver	DME [Engine]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Driver	DDE [Diesel Electronics]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Driver	VTG [Transfer case]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Driver	EKPS [Fuel-pump control]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Chassis	LEW [Steering-angle sensor]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Chassis	SVT [Servotronic]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	AIC [Automatic Interval Control]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	IHKA/IHKR [AC/heater]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	MFL [Multi-function steering wheel]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	NAV [Navigation system]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	SES Language-input System	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	SMF Driver Seat Memory	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	VID [Video Module]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
X Series	X3_E83	Body	DSP [Digital Sound Processor]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	RLSS [Solar Rain/light Sensor]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	SZM [Switching center, center console]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Body	ULF-SBX [Interface box]	✓	✓	✓	✓	✓	-	
X Series	X3_E83	Quick test	[Start vehicle test]							
X Series	X3_E83	Quick test	[Delete fault memory]							
X Series	X3_E83	Service function	Maintenance							
X Series	X3_E83	Service function	Reset service interval indicator							
X Series	X3_E83	Service function	Steering-angle sensor							
X Series	X3_E83	Programming/Coding	E83 part 1							
X Series	X3_E83	Programming/Coding	Programming, Coding							
X Series	X3_E83	Programming/Coding	DME							
X Series	X3_E83	Programming/Coding	E83 part 1							
X Series	X3_E83	Programming/Coding	Programming, Coding							
X Series	X3_E83	Programming/Coding	A/C							
X Series	X3_E83	Programming/Coding	E83 part 1							
X Series	X3_E83	Programming/Coding	Programming, Coding							
X Series	X3_E83	Programming/Coding	IKE							
X Series	X3_E83	Programming/Coding	E83 part 1							
X Series	X3_E83	Programming/Coding	Programming, Coding							
X Series	X3_E83	Programming/Coding	SRS							
X Series	X3_E83	Programming/Coding	E83 part 1							
X Series	X3_E83	Programming/Coding	Programming, Coding							
X Series	X3_E83	Programming/Coding	LCM							
X Series	X3_E83	Programming/Coding	E83 part 1							
X Series	X3_E83	Programming/Coding	Programming, Coding							
X Series	X3_E83	Programming/Coding	ZKE							
X Series	X3_E83	Programming/Coding	E83 part 1							
X Series	X3_E83	Programming/Coding	CODING (Recoding)							
X Series	X3_E83	Programming/Coding	LEW							
X Series	X3_F25	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Driver	DME/DDE [Digital motor/Diesel electronics]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Driver	EKPS [Electronic Fuel pump]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Driver	EGS/SMG [Transmission management]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Driver	VTG [Transfer case]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	ICM [Integrated chassis management]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	HSR [Rear-axle slip-angle control]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	EPS [Electronic Power Steering]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	EDCSVL [Damper satellite, front left]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	EDCSVR [Damper satellite, front right]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	EDCSHL [Damper satellite, rear left]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Chassis	EDCSHR [Damper satellite, rear right]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	JBE [Junction-box electronics]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	SZL [Switch center steering column]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	TRSVC [All round view camera]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	SWW [Lane change warning]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	ZGM [Central Gateway Module]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	RSE [Rear Seat Entertainment]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	TCU/ULF [Telephone]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
X Series	X3_F25	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	EMALI [Left electric motor reel]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	EMARE [Right electric motor reel]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	FZD [Function centre, roof]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	NVE [Night Vision Electronics]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	KAFAS [Camera based driver assist systems]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	CIC/CHAMP [Car headunit platform]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	FCON [Rear Compartment controller]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	SMFAH [Seat module, driver's side rear]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	SMBFH [Seat module, passenger's side rear]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	FRM [Footwell Module]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	FD2 [Rear compartment display 2]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	FKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	HKA [Rear-cabin automatic A/C]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	AMP [Amplifier]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Body	DVDC [DVD changer]	✓	✓	✓	✓	✓	-	
X Series	X3_F25	Quick test	[Start vehicle test]							
X Series	X3_F25	Quick test	[Delete fault memory]							
X Series	X3_F25	Service function	Maintenance							
X Series	X3_F25	Service function	Maintenance							
X Series	X3_F25	Service function	EMF [Parking brake]							
X Series	X5_E53	Driver	DME [Engine]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Driver	DDE [Diesel Electronics]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Driver	VTG [Gearbox control]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Chassis	LEW [Steering-angle sensor]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	AIC [Automatic Interval Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	BIT [Basic Interface Telephone]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	BM [On-board monitor]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	IHKA/IHKA [AC/heater]	✓	✓	✓	✓	✓	-	



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
X Series	X5_E53	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	MFL [Multi-function steering wheel]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	NAV [Navigation system]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	SES [Language-input system]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	SPM/SM	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	SZM [Switching center, center console]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	VID [Video Module]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	DSP [Digital Sound Processor]	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Body	RLSS Solar Rain/light Sensor	✓	✓	✓	✓	✓	-	
X Series	X5_E53	Quick test	[Start vehicle test]							
X Series	X5_E53	Quick test	[Delete fault memory]							
X Series	X5_E53	Service function	Maintenance							
X Series	X5_E53	Service function	Reset service interval indicator							
X Series	X5_E53	Service function	ABS/ASC/DSC Dynamic Stability Control							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	DME							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	EGS							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	EWS							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	LEW							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	A/C							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	SRS							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	IKE							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	LCM							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	ZKE							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	AIC							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	RAD							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	SZM							
X Series	X5_E53	Programming/Coding	E53 part 1							
X Series	X5_E53	Programming/Coding	Service functions							
X Series	X5_E53	Programming/Coding	ABS/ASC/DSC Dynamic Stability Control							
X Series	X5_E53	Programming/Coding	E53 part 2							
X Series	X5_E53	Programming/Coding	Recoding/Reprogrammin							
X Series	X5_E53	Programming/Coding	SRS							
X Series	X5_E53	Programming/Coding	E53 part 2							
X Series	X5_E53	Programming/Coding	Recoding/Reprogrammin							
X Series	X5_E53	Programming/Coding	IKE							
X Series	X5_E53	Programming/Coding	E53 part 2							
X Series	X5_E53	Programming/Coding	Recoding/Reprogrammin							
X Series	X5_E53	Programming/Coding	LCM							
X Series	X5_E53	Programming/Coding	E53 part 2							
X Series	X5_E53	Programming/Coding	Recoding/Reprogrammin							
X Series	X5_E53	Programming/Coding	ZKE							
X Series	X5_E53	Programming/Coding	E53 part 2							
X Series	X5_E53	Programming/Coding	Chassis							
X Series	X5_E53	Programming/Coding	DSC[Dynamic Stability]							
X Series	X5_E53	Programming/Coding	E53 part 2							
X Series	X5_E53	Programming/Coding	Body							
X Series	X5_E53	Programming/Coding	IKE[Instrument cluster]							
X Series	X5_E53	Programming/Coding	E53 part 2							
X Series	X5_E53	Programming/Coding	Coding/Program							
X Series	X5_E53	Programming/Coding	LEW[Steering-angle sensor]							
X Series	X5_E53	Programming/Coding	E53 part 3							
X Series	X5_E53	Programming/Coding	ABS/ASC/DSC							
X Series	X5_E53	Programming/Coding	Steering angle sensor matching							
X Series	X5_E70	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Driver	DDE [Diesel Electronics]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Driver	DME [Digital Motor Electronics]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Driver	EGS [Transmission control]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Driver	EKPS [Fuel-pump control]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
X Series	X5_E70	Driver	QMVH [Lateral-moment distribution, rear axle]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Driver	VTC [Valvetronic]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Driver	VTC2 [Valvetronic 2]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Driver	VTG [Transfer case]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	ARS [Dynamic Drive]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	LDM [Longitudinal Dynamics Management]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Chassis	EDC [Damper Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	ACSM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	AMPH [Hi-Fi amplifier]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	AMPT [Top Hi-Fi amplifier]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CA [Comfort Access system]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CCC-A [Applications]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CCC-ANT [Aerial tuner]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CCC-ASK [Audio system controller]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CCC-BO [User interface]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CCC-GW [Gateway]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CHAMP-BO [User interface]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CHAMP-GW [Gateway]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CNAV [Navigation system, China]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	DVD-C [DVD Changer]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	FD [Rear-cabin display]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	FKA [Rear heater/air conditioning]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	FRM2 [Footwell module 2]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	FZD [Function Center, Roof]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	JBE2 [Junction Box electronics 2]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	JNAV [Navigation system, Japan]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	KHM [Headphones module]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	KNAV [Navigation system, Korea]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	M-ASK-BO [User interface]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	M-ASK-GW [Gateway]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
X Series	X5_E70	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	RLSS [Rain/light solar sensor]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	SDARS [Satellite tuner]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	SINE [Siren and tilt sensor]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	TCU [Telematic Control unit]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	ULF-SBX [Interface box]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	ULF-SBX-H [Interface box High]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	DWA [Antitheft alarm system]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Body	CBX [CBX-ECALL]	✓	✓	✓	✓	✓	-	
X Series	X5_E70	Quick test	[Start vehicle test]							
X Series	X5_E70	Quick test	[Delete fault memory]							
X Series	X5_E70	Service function	Maintenance CBS reset							
X Series	X5_E70	Service function	Maintenance CBS correct							
X Series	X5_E70	Service function	Steering-angle sensor							
X Series	X5_E70	Service function	EMF [Parking brake]							
X Series	X5_E70	Programming/Coding	E70 part 1 Coding/Program Service function Adjustment, Steering-angle sensor							
X Series	X5_E70	Programming/Coding	E70 part 2 CAS [Car Access System]							
X Series	X5_E70	Programming/Coding	E70 part 2 FZD [Function Center, Roof]							
X Series	X5_E70	Programming/Coding	E70 part 2 KBM [Body Basic Module]							
X Series	X5_E70	Programming/Coding	E70 part 2 INSTR [Instrument cluster]							
X Series	X5_E70	Programming/Coding	E70 part 2 CCC-BO [User interface]							
X Series	X5_E70	Programming/Coding	E70 part 2 ACSM/SRS [Crash Safety Module]							
X Series	X5_E70	Programming/Coding	E70 part 2 PDC [Park Distance Control]							
X Series	X5_E70	Programming/Coding	E70 part 2 SGM-ZGM [Safety and Gateway Module (ZGM)]							
X Series	X5_E71	Driver	CAS [Car Access System]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Driver	DDE [Diesel Electronics]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Driver	DME [Digital Motor Electronics]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Driver	EGS [Transmission control]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Driver	GWS [Gear selector switch]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Driver	EKPS [Fuel-pump control]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Driver	QMVH [Lateral-moment distribution, rear axle]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Driver	VTG [Transfer case]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Chassis	AL [Active steering]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Chassis	ARS [Dynamic Drive]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Chassis	DSC [Dynamic Stability Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Chassis	EHC [Electronic Ride-Height Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Chassis	EMF [Parking brake]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Chassis	ICM [Integrated chassis management]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Chassis	RDC [Tyre pressure control]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Chassis	VDM [Vertical Dynamics Management]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	ASCM/SRS [Crash Safety Module]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	AHM [Trailer module]	✓	✓	✓	✓	✓	-	



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				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
X Series	X5_E71	Body	AMPH [Hi-Fi amplifier]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	AMPT [Top Hi-Fi amplifier]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CA [Comfort Access system]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CCC-A [Applications]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CCC-ANT [Aerial tuner]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CCC-ASK [Audio system controller]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CCC-BO [User interface]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CCC-GW [Gateway]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CDC [CD Changer]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CHAMP-BO [User Interface]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CHAMP-GW Gateway	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CID [Central Information Display]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CNAV [Navigation system, China]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	CON [Controller]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	DVD-C [DVD Changer]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	FD [Rear compartment display]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	FKA [Rear heater/air conditioning]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	FLA [High Beam Assist]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	FRM2 [Footwell module 2]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	FZD [Function Center, Roof]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	HKL [Rear-lid lift]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	HUD [Head-Up Display]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	IHKA [Integrated automatic heating/air conditioning]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	INSTR [Instrument cluster]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	JBE2 [Junction Box electronics 2]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	JNAV [Navigation system, Japan]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	KHI [Headset interface]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	KNAV [Navigation system, Korea]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	M-ASK-BO [User interface]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	M-ASK-GW [Gateway]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	RFK [Reversing camera]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	RLSS [Rain/light solar sensor]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	SDARS [Satellite tuner]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	SINE [Siren and tilt sensor]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	SMBF [Seat module, passenger]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	SMFA [Seat module, driver]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	TCU [Telematic Control unit]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	ULF-SBX [Interface box]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	ULF-SBX-H [Interface box High]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	VM [Video Module]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Body	VSW [Video switch]	✓	✓	✓	✓	✓	-	
X Series	X5_E71	Quick test	[Start vehicle test]							
X Series	X5_E71	Quick test	[Delete fault memory]							
X Series	X5_E71	Service function	Maintenance							CBS reset
X Series	X5_E71	Service function	Maintenance							CBS correct



FCAR Diagnostic List bmw_v8.40

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Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
X Series	X5_E71	Service function	Steering-angle sensor							
X Series	X5_E71	Service function	EMF [Parking brake]							
X Series	X5_E71	Programming/Coding	E71 part 1 Drive DME [Digital Motor Electronics]							
X Series	X5_E71	Programming/Coding	E71 part 1 Drive EGS [Transmission control]							
X Series	X5_E71	Programming/Coding	E71 part 1 Coding/Program Maintenance Delete transport mode							
X Series	X5_E71	Programming/Coding	E71 part 1 Coding/Program Service function Adjustment, Steering-angle sensor							
X Series	X5_E71	Programming/Coding	E71 part 2 Recoding SRS (airbag)							
X Series	X5_E71	Programming/Coding	E71 part 3 CAS [Car Access System]							
X Series	X5_E71	Programming/Coding	E71 part 3 FZD [Function Center, Roof]							
X Series	X5_E71	Programming/Coding	E71 part 3 KBM [Body Basic Module]							
X Series	X5_E71	Programming/Coding	E71 part 3 INSTR [Instrument cluster]							
X Series	X5_E71	Programming/Coding	E71 part 3 CCC-BO [User interface]							
X Series	X5_E71	Programming/Coding	E71 part 3 ACSM/SRS [Crash Safety Module]							
X Series	X5_E71	Programming/Coding	E71 part 3 PDC [Park Distance Control]							
X Series	X5_E71	Programming/Coding	E71 part 3 SGM-ZGM [Safety and Gateway Module (ZGM)]							
Z Series	Z1_E30	Driver	DME [Engine]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Driver	GR [Cruise control]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Driver	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	DWA [Burglar-alarm system]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	EKM [Electronic Body Module]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	IHKA/IHKB [AC/heater]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	SPM/SM	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	URS [Rollover sensor]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	VNC [Variable Camshaft Control]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Quick test	[Start vehicle test]							
Z Series	Z1_E30	Quick test	[Delete fault memory]							
Z Series	Z1_E30	Driver	DME [Engine]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Driver	GR [Cruise control]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Driver	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
Z Series	Z1_E30	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	DWA [Burglar-alarm system]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	EKM [Electronic Body Module]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	IHKA/IHKB [AC/heater]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	SPM/SM	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	URS [Rollover sensor]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	VNC [Variable Camshaft Control]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
Z Series	Z1_E30	Quick test	[Start vehicle test]							
Z Series	Z1_E30	Quick test	[Delete fault memory]							
Z Series	Z3_E36	Driver	DME [Engine]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Driver	EGS [Transmission]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Driver	EWS [Electronic immobilize system]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Driver	GR [Cruise control]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Driver	EML [Electronic throttle]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Chassis	ABS [Antilock brake]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Chassis	EHC/EDC [Signal-axle air suspension]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	AHK [Active Rear-Axle Kinematics]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	CVM [Convertible-top module]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	DWA [Burglar-alarm system]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	EKM [Electronic Body Module]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	GSA [Closed-Loop-Controlled Differential-Lock AWD]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	IHKA/IHKB [AC/heater]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	IKE/IKI/KOMBI [Instrument cluster]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	LSZ/LCM [Light switching center]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	MID [Multi Information Display]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	PDC [Park Distance Control]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	RAD [Radio]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	SHD [Sliding/tilting sunroof]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	SPM/SM	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	SRS [Air bag]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	URS [Rollover sensor]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	VNC [Variable Camshaft Control]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Body	ZKE [Central body electronic]	✓	✓	✓	✓	✓	-	
Z Series	Z3_E36	Quick test	[Start vehicle test]							



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Series	Chassis	Module	Systems	Function							
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark	
Z Series	Z3_E36	Quick test	[Delete fault memory]								
Z Series	Z3_E36	Service function	ABS/ASC/DSC Dynamic Stability Control								
Z Series	Z4_E85/E86	Driver	DME [Engine]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Driver	EGS [Transmission]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Driver	EWS [Electronic immobilize system]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Driver	EKPS [Fuel-pump control]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Chassis	ABS [Antilock brake]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Chassis	EPS [Electronic Power Steering]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Chassis	LEW [Steering-angle sensor]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	AIC [Automatic Interval Control]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	CID [Central Information Display]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	CVM [Convertible-top module]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	IHKA/IHKR [AC/heater]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	IKE/IKI/KOMBI [Instrument cluster]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	LSZ/LCM [Light switching center]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	PDC [Park Distance Control]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	RAD [Radio]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	SBSL [Satellite, B-pillar, left]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	SBSR [Satellite, B-pillar, right]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	SIM [Safety and Information Module]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	SMF [Seat memory, driver]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	SZM [Switching center, center console]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	VID [Video Module]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Body	ZKE [Central body electronic]	√	√	√	√	√	-		
Z Series	Z4_E85/E86	Quick test	[Start vehicle test]								
Z Series	Z4_E85/E86	Quick test	[Delete fault memory]								
Z Series	Z4_E85/E86	Service function	Maintenance Reset service interval indicator								
Z Series	Z4_E85/E86	Service function	Steering-angle sensor								
Z Series	Z4_E89	Driver	CAS [Car Access System]	√	√	√	√	√	-		
Z Series	Z4_E89	Driver	DME [Digital Motor Electronics]	√	√	√	√	√	-		
Z Series	Z4_E89	Driver	DKG [Twin-clutch gearbox]	√	√	√	√	√	-		
Z Series	Z4_E89	Driver	EGS [Transmission control]	√	√	√	√	√	-		
Z Series	Z4_E89	Driver	EKPS [Fuel-pump control]	√	√	√	√	√	-		
Z Series	Z4_E89	Driver	GWS [Gear selector switch]	√	√	√	√	√	-		
Z Series	Z4_E89	Chassis	DSC [Dynamic Stability Control]	√	√	√	√	√	-		
Z Series	Z4_E89	Chassis	EDC [Damper Control]	√	√	√	√	√	-		
Z Series	Z4_E89	Chassis	EMF [Parking brake]	√	√	√	√	√	-		
Z Series	Z4_E89	Chassis	EPS [Electronic Power Steering]	√	√	√	√	√	-		
Z Series	Z4_E89	Chassis	RDC [Tyre pressure control]	√	√	√	√	√	-		
Z Series	Z4_E89	Body	AMP [Amplifier]	√	√	√	√	√	-		
Z Series	Z4_E89	Body	CA [Comfort Access system]	√	√	√	√	√	-		
Z Series	Z4_E89	Body	CDC [CD Changer]	√	√	√	√	√	-		
Z Series	Z4_E89	Body	CIC [Car Information Computer]	√	√	√	√	√	-		
Z Series	Z4_E89	Body	CIC-GW [Gateway]	√	√	√	√	√	-		
Z Series	Z4_E89	Body	CID [Central Information Display]	√	√	√	√	√	-		
Z Series	Z4_E89	Body	CON [Controller]	√	√	√	√	√	-		



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Series	Chassis	Module	Systems	Function						Remark
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	
Z Series	Z4_E89	Body	DVD-C [DVD Changer]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	DWA [Antitheft alarm system]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	FLA [High Beam Assist]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	FRM2 [Footwell Module 2]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	FZD [Function Centre, Roof]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	IHKA [Integrated automatic heating/air conditioning]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	IHKR [Integrated heating/air-conditioning regulation]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	IHR [Integrated heater control]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	INSTR [Instrument cluster]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	JBE2 [Junction Box electronics 2]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	M-ASK-BO [User interface]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	M-ASK-GW [Gateway]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	MRS [Multiple Restranint system]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	NAV [Navigation system]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	PDC [Park Distance Control]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	RAD [Radio]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	RAD2-BO [User interface]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	RAD2-GW [Gateway]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	RLSS [Rain/light solar sensor]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	SINE [Siren and tilt sensor]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	SMFA [Seat module, driver]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	TCU [Telematic Control unit]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	ULF [Universal charging and hands-free facility]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	ULF-SBX [Interface box]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	ULF-SBX-H [Interface box High]	√	√	√	√	√	-	
Z Series	Z4_E89	Body	VM [Video Module]	√	√	√	√	√	-	
Z Series	Z4_E89	Quick test	[Start vehicle test]							
Z Series	Z4_E89	Quick test	[Delete fault memory]							
Z Series	Z4_E89	Service function	Maintenance							
Z Series	Z4_E89	Service function	Maintenance							
Z Series	Z4_E89	Service function	Steering-angle sensor							
Z Series	Z4_E89	Service function	EMF [Parking brake]							
Z Series	Z8_E52	Driver	DME [Engine]	√	√	√	√	√	-	
Z Series	Z8_E52	Driver	EGS [Transmission]	√	√	√	√	√	-	
Z Series	Z8_E52	Driver	EWS [Electronic immobilize system]	√	√	√	√	√	-	
Z Series	Z8_E52	Chassis	ABS [Antilock brake]	√	√	√	√	√	-	
Z Series	Z8_E52	Chassis	LEW [Steering-angle sensor]	√	√	√	√	√	-	
Z Series	Z8_E52	Chassis	RDC [Tyre pressure control]	√	√	√	√	√	-	
Z Series	Z8_E52	Body	BIT [Basic Interface Telephone]	√	√	√	√	√	-	
Z Series	Z8_E52	Body	IHKA/IHKR [AC/heater]	√	√	√	√	√	-	
Z Series	Z8_E52	Body	IKE/IKI/KOMBI [Instrument cluster]	√	√	√	√	√	-	
Z Series	Z8_E52	Body	RAD [Radio]	√	√	√	√	√	-	
Z Series	Z8_E52	Body	SRS [Air bag]	√	√	√	√	√	-	
Z Series	Z8_E52	Body	URS [Rollover sensor]	√	√	√	√	√	-	
Z Series	Z8_E52	Body	ZKE [Central body electronic]	√	√	√	√	√	-	
Z Series	Z8_E52	Quick test	[Start vehicle test]							



FCAR Diagnostic List bmw_v8.40

Remark:
 1. √ : means that the system has this function
 2. - : means that the system does not have this function
 3. compared with the last version, the new added function is marked in red color.

Series	Chassis	Module	Systems	Function						
				Read ECU Information	Read Fault Code	Erase Fault Code	Read Data Stream	Actuation Test	Service Function	Remark
Z Series	Z8_E52	Quick test	[Delete fault memory]							
Z Series	Z8_E52	Service function	Maintenance Reset service interval indicator							
Z Series	Z8_E52	Service function	ABS/ASC/DSC Dynamic Stability Control							