

BMW® E - Diagnostic/Service 1987–2019

BARS 5 PRO Version: 2021

AVAILABLE MODELS LIST

MODELS	CHASSIS TYPE	Auto Detection	Whole System Search	Diagnostic Report (Pre/Post Scan)
1-series	E81	✓	✓	✓
	E82	✓	✓	✓
	E87	✓	✓	✓
	E88	✓	✓	✓
	E30			
3-series	E36		✓	✓
	E46	✓	✓	✓
	E90	✓	✓	✓
	E91(Touring)	✓	✓	✓
	E92(Coupé)	✓	✓	✓
	E93(Convertible)	✓	✓	✓
5-series	E28			
	E34		✓	✓
	E39	✓	✓	✓
	E60	✓	✓	✓
	E61(Touring)	✓	✓	✓
6-series	E63(Coupé)	✓	✓	✓
	E64(Convertible)	✓	✓	✓
7-series	E32		✓	✓
	E38	✓	✓	✓
	E65	✓	✓	✓
	E66	✓	✓	✓
	E68	✓	✓	✓
8-series	E31		✓	✓
X-series	X1 - E84	✓	✓	✓
	X3 - E83	✓	✓	✓
	X5 - E53	✓	✓	✓
	X5 - E70	✓	✓	✓
	X6 - E71	✓	✓	✓
	X6 - E72	✓	✓	✓
Z-series	Z3 - E36		✓	✓
	Z4 - E85	✓	✓	✓
	Z4 - E86	✓	✓	✓
	Z4 - E89	✓	✓	✓
Z8 - E52		✓	✓	

*Если модели здесь не перечислены, пользователи могут выбрать соответствующие модели.

* Функции кодирования доступны в BMW ® КОДИРОВАНИЕ.

* Программирование / модернизация ЭБУ доступны в ПРОГРАММИРОВАНИЕ BMW ® .

*Тип шасси E-Series, выберите BMW E-Series. Серия F, выберите BMW серии F.

1-series

1-SERIES, E81 (Hatchback) / E82 (Coupé) / E87 (Hatchback) / E88 (Convertible) 2004 – 2012

Practical Functions

FUNCTION	STATUS
Oil Reset	✓
DPF Regeneration	✓
Fuel Injector Adaptation	✓
Brake Pad Service	
Battery Service	✓
Immobilizer Service	✓
Fire Pressure Sensor Service	

DRIVE SYSTEMS

ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N43 / N45 / N46 / N51 / N52 / N54 / N55					
Petrol Engine	✓	✓	✓	✓	
DDE					
M47 / N47					
DieselEngine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓	✓	
GWS					
Gear Selector Switch	✓	✓			
EKPS					
Fuel-Pump Control	✓	✓			
DWA					
Anti-Theft Alarm	✓	✓			
CAS					
Car Access	✓	✓		✓ (DME/DDE Sync)	
VTG					
Transfer Case	✓	✓			
VTC1					
Valvetronics 1	✓				The sub-system of DME
VTC2					
Valvetronics 2	✓				The sub-system of DME
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					

CO Adjustment					
Consumption Indicator					
Minimum Stroke Adjustment					
Injector rate adjustment					
Regeneration, nitrogen oxide catalytic converter					
Replacement, nitrogen oxide catalytic converter					
Bleeding coolant system					
VANOS test					
Diagnosis module for tank leakage (USA only)					
DDE adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Particulate filter					
Adaptations					
Balance test					
Exhaust-gas recirculation					
Starting fuel delivery					
Limitation delivery					
Injection rate					
Fuel system bleeding					
Consumption calculation					
Read measured values					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Reset learning functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC					
Dynamic Stability Control					
✓					
✓					
AL / AFS					
Active Steering					
✓					
✓					
✓					
RDC					
Tire Pressure Control					
✓					
✓					
ACC / LRR					
Active Cruise Control					
Long-Range Sensor					
✓					
ARS					
Dynamic Drive					
✓					
✓					
EDC					
Damper Control					
✓					
✓					
LDM					
Longitudinal Dynamics Management					
✓					
✓					
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SBSL					
SRS / Airbag, B-Pillar Left					
✓					
✓					
SBSR					
SRS / Airbag, B-Pillar Right					
✓					
✓					
SFZ					
SRS / Airbag, Vehicle Center					
✓					
✓					
ACSM / MRS / SIM					
Crash Safety Module / Safety Info					
✓					
✓					
KOMBI					
Instrument cluster					
✓					
✓					
PDC					
Park Distance Control					
✓					
✓					
FZD					
Function Center, Roof					
✓					
✓					
✓					
SMFA					
Seat Module, Driver					
✓					
✓					
SMBF					
Seat Module, Passenger					
✓					
✓					
SHD					
Sliding / Tilting Sunroof					
✓					
✓					
✓					
FRM / KBM / FRM2					
Footwell / Body Basic Module					
✓					
✓					
✓					
LM					
Light Module					
✓					
✓					
SZL					
Switch Center					
✓					
✓					
Initialization					
SZM					
Control Centre					
✓					
✓					
FMFA					
Driver Door					
✓					
✓					
FMBF					
Passenger Door					
✓					
✓					
FLA					
High Beam Assist					
✓					
✓					
AHM					
Trailer Module					
✓					
✓					
SINE					
Siren with Tilt Sensor					
✓					
✓					
AHM					
Trailer Module					
✓					
ALBFA					
Active Backrest Width, Driver					
✓					
✓					
ALBBF					
Active Backrest Width, Passenger					
✓					
✓					
RLS					
Rain Sensor					
✓					
✓					

CVM / CTM					
Convertible Top	✓		✓		
FRM adaptation, functions list: (Some functions are optional because of the default factory setting)					
FRM short circuit reset					
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM					
Safety and Gateway Module					
Junction-Box Electronics					
Body Gateway Module	✓		✓		
CDC					
CD Changer	✓				
DVDC					
DVD Changer	✓				
CCC-ASK					
Audio System	✓		✓		
CCC-ANT					
Antenna Tuner	✓				
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO					
Control Display / User Interface	✓		✓		
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP- GW					
Gateway	✓		✓		
CID					
Central Information Display	✓		✓		
CON					
Controller	✓		✓		
TCU / ULF					
Telephone Control Unit / Universal Bluetooth Hands-Free System					
AMP					
Amplifier	✓		✓		
CCC-A					
Applications	✓		✓		
HUD					
Head-up Display	✓		✓		
CA					
Comfort Access	✓		✓		
DAB					
Digital Tuner	✓				
KHM / KHI					
Headphones Module					
Headset Interface	✓				
NVK					
Night Vision Camera	✓				
NVE					
Night Vision Electronics	✓		✓		
SHZH					
Independent / Auxiliary Heater	✓				
SVS					
Language Processing System	✓				
VM					
Video Module	✓		✓		
MASK-NAV / CNAV / JNAV / KNAV					
Navigation System	✓		✓		
SDARS					
Satellite Tuner	✓		✓		
IBOC					
Digital Tuner US	✓		✓		
PM					
Power Module	✓		✓		
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKKA / IHKR					
Regulated Heating and A/C	✓		✓	✓	
3-series					
3-SERIES, E90 (SEDAN) / E91 (Touring) / E92 (Coupé) / E93 (Coupé Cabriolet) 2006 – 2011					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration			✓		
Fuel Injector Adaptation			✓		
Brake Pad Service					
Battery Service			✓		
Immobilizer Service			✓		
Fire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N43 / N45 / N46 / N51 / N52 / N53 / N54 / N55 / S65					
Petrol Engine	✓		✓	✓	
DDE					
N47 / N57 / M47 / M57					
DieselEngine	✓		✓	✓	
EGS/SMG					
Transmission	✓		✓	✓	

DKG					
Twin Clutch Gearbox	✓	✓	✓	✓	
GWS					
Gear Selector Switch	✓	✓			
EKPS					
Fuel-Pump Control	✓	✓			
DWA					
Anti-Theft Alarm	✓	✓			
CAS					
Car Access	✓	✓		✓ (DME/DDE Sync)	
VTG					
Transfer Case	✓	✓		✓	
VTC1					
Volvetronics 1	✓				The sub-system of DME
VTC2					
Volvetronics 2	✓				The sub-system of DME
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
CO Adjustment					
Consumption Indicator					
Minimum Stroke Adjustment					
Injector rate adjustment					
Regeneration, nitrogen oxide catalytic converter					
Replacement, nitrogen oxide catalytic converter					
Bleeding coolant system					
VANOS test					
Diagnosis module for tank leakage (USA only)					
DDE adaption, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Particulate filter					
Adaptations					
Balance test					
Exhaust-gas recirculation					
Starting fuel delivery					
Limitation delivery					
Injection rate					
fuel system bleeding					
Consumption calculation					
Read measured values					
SCR system (USA only)					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Reset learning functions					
Oil change					
DKG adaptation, functions list:					
DKG repair operation note					
Transmission adaptation					
Clutch adaptation					
Teach in valve characteristic curve					
Oil balancing (fluid balance compensation)					
Reset torque characteristic curve					
Parking lock hook test					
Parking lock function check					
Adjust the mechatronics data, The transmission data for the existing mechatronics is read out and stored after replacement in the new mechatronics					
Carry out flushing function					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC					
Dynamic Stability Control	✓	✓			
AL / AFS					
Active Steering	✓	✓		✓	
RDC					
Tire Pressure Control	✓	✓			
ACC / LRR					
Active Cruise Control					
Long-Range Sensor	✓				
ARS					
Dynamic Drive	✓	✓			
EDC					
Damper Control	✓	✓			
LDM					
Longitudinal Dynamics Management	✓	✓			
EPS					
Electric Power Steering	✓	✓		✓	
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SBSL					
SRS / Airbag, B-Pillar Left	✓	✓			
SBSR					
SRS / Airbag, B-Pillar Right	✓	✓			
SFZ					
SRS / Airbag, Vehicle Center	✓	✓			
ACSM / MRS / SIM					
Crash Safety Module / Safety Info	✓	✓			
KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			

FZD					
Function Center, Roof	✓	✓		✓	
SMFA					
Seat Module, Driver	✓	✓			
SMBF					
Seat Module, Passenger	✓	✓			
SHD					
Sliding / Tilting Sunroof	✓	✓			✓
FRM / KBM / FRM2					
Footwell / Body Basic Module	✓	✓			✓
LM					
Light Module	✓	✓			
SZL					
Switch Center	✓	✓		Initialization	
SZM					
Control Centre	✓	✓			
TMFA					
Driver Door	✓	✓		window initialization	
TMBF					
Passenger Door	✓	✓		window initialization	
FLA					
High Beam Assist	✓	✓			
AHM					
Trailer Module	✓	✓			
SINE					
Siren with Tilt Sensor	✓	✓			
AHM					
Trailer Module	✓	✓			
ALBFA					
Active Backrest Width, Driver	✓	✓			
ALBBF					
Active Backrest Width, Passenger	✓	✓			
RLS					
Rain Sensor	✓	✓			
CVM / CTM					
Convertible Top	✓	✓			
FRM adaptation, functions list: (Some functions are optional because of the default factory setting)					
FRM short circuit reset					
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM					
Safety and Gateway Module					
Junction-Box Electronics					
Body Gateway Module	✓	✓			
CDC					
CD Changer	✓				
DVDC					
DVD Changer	✓				
CCC-ASK					
Audio System	✓	✓			
CCC-ANT					
Antenna Tuner	✓				
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO					
Control Display / User Interface	✓	✓			
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW					
Gateway	✓	✓			
CID					
Cnetral Information Display	✓	✓			
CON					
Controller	✓	✓			
PCU / ULF					
Telephone Control Unit / Universal Bluetooth Hands-Free System	✓	✓			
AMP					
Amplifier	✓	✓			
CCC-A					
Applications	✓	✓			
HUD					
Head-up Display	✓	✓			
CA					
Comfort Access	✓	✓			
DAB					
Digital Tuner	✓				
KHM / KHI					
Headphones Module					
Headset Interface	✓				
NVK					
Night Vision Camera	✓				
NVE					
Night Vision Electronics	✓	✓			
SHZH					
Independent / Auxiliary Heater	✓				
SVS					
Language Processing System	✓				
VM					
Video Module	✓	✓			
MASK-NAV / CNAV / JNAV / KNAV					
Navigation System	✓	✓			

SDARS					
Satellite Tuner	✓	✓			
I/BOC					
Digital Tuner US	✓	✓			
PM					
Power Module	✓	✓			
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR					
Regulated Heating and A/C	✓	✓		✓	
3-SERIES, E46 1999 - 2005					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration					
Fuel Injector Adaptation			✓		
Brake Pad Service					
Battery Service					
Immobilizer Service			✓		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N40 / N42 / N45 / N46 / M43 / M52 / M54 / M56 / S54					
Petrol Engine	✓	✓	✓	✓	
DDE					
M47 / M57					
Diesel Engine	✓	✓	✓	✓	
EGS / AGS					✓ (SMG2 service functions)
Auto Transmission	✓	✓	✓		
EWS					
Immobilizer	✓	✓		✓ (DME/DDE Sync)	
GR2					
Cruise Control	✓				
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)					
All adaption					
Diagnosis module for tank leakage (USA only)					
DME adaption, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
Minimum-stroke adjustment					
VANOS reset adaptation					
Smooth running measurement					
Fitted components					
DDE adaption, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Balance test					
Air-mass flow sensor adaptation					
Quantity mean-value adaptation					
SMG2 service functions (SMG2 only), functions list: (Some functions are optional because of the default factory setting)					
Check battery voltage					
Hydraulic System Operation Precautions					
After replacing SMG2 control unit					
After working on hydraulic system					
After replacing clutch, clutch slave cylinder					
After replacing transmission, hydraulic unit					
After replacing actuator					
After replacing gear detection					
After replacing longitudinal acceleration sensor					
After replacing engine, dual-mass flywheel (ZMS)					
Test functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC					
Automatic Stability Control					
Dynamic Stability Control	✓	✓		✓	
RDC					
Tyre Pressure	✓	✓			
DSC, functions list: (Some functions are optional because of the default factory setting)					
Calibration of DSC sensor					
(1).Steering-angle sensor					
(2).Rate of rotation sensor					
(3).Lateral acceleration sensor					
(4).Pressure sensors					
(5).All sensors					
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS					
Airbag	✓	✓			
IKE / IK1 / KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			
LCM / LSZ					
Light Check Module	✓	✓			
ZKE					
Central Body System	✓	✓			

CVM					
Convertible Top	✓	✓			
XENON, Left					
Left Xenon	✓	✓			
XENON, Right					
Right Xenon	✓	✓			
AIC / RLS					
Rain / Light Sensor	✓	✓		Initialization	
MFL					
Multi-functional Steering Wheel		✓			
SHD					
Sunroof	✓	✓			
SM					
Seat Memory	✓	✓			
BSM					
Seat Memory, Passenger Side		✓			
CCM					
Check Control		✓			
FBZV					
Remote Control for Central Lock		✓			
LWS					
Steering Angle		✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD					
Radio	✓	✓			
BIT					
Basis-Interface Telephone	✓	✓			
BMBT					
On-Board Monitor	✓				
DSP					
DSP-booster	✓				
MID					
Multi-Information Display	✓				
FID					
Rear Multi-Information Display	✓				
IRIS					
Integrated Radio Information	✓				
NAV					
Navigation System	✓				
NAV JAP					
Navigation System, Japanese	✓				
VIDEO_GT					
Video Module Graphics Part	✓				
VIDEO_TV / VID					
Video Module, TV	✓				
SES					
Voice Recognition	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR					
Regulated Heating and A/C	✓	✓			
FGB					
Rear Compartment Blower	✓	✓			
3-SERIES, E36 1988 – 1996					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration					
Fuel Injector Adaptation					
Brake Pad Service					
Battery Service					
Immobilizer Service			✓		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for M40 / M42 / M43 / M44 / M50 / M52 / S50					
Petrol Engine	✓	✓	✓	✓	
DDE for M41 / M51					
DieselEngine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓		
EWS					
Immobilizer	✓	✓		✓ (DME/DDE Sync)	
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)					
All adaption					
DDE adaption, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC					
Automatic Stability Control					
Dynamic Stability Control	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS					
Airbag	✓	✓			

IKE / IKI / KOMBI					
Instrument cluster	✓	✓			
ZKE					
Central Body System	✓	✓			
CVM					
Convertible Top	✓	✓			
PDC					
Park Distance	✓	✓			
LWS					
Steering Angle	✓				
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD					
Radio	✓	✓			
BMBT					
On-Board Monitor	✓				
MID					
Multi-Information Display	✓				
IRIS					
Integrated Radio Information	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHK A / IHRK					
Regulated Heating and A/C	✓	✓			
3-SERIES, E30 ~1994					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration					
Fuel Injector Adaptation					
Brake Pad Service					
Battery Service					
Immobilizer Service			✓		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
Petrol Engine	✓	✓	✓		
5-series					
5-SERIES, E60 (SEDAN) / E61 (STATION WAGON) 2002 – 2009					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration			✓		
Fuel Injector Adaptation			✓		
Brake Pad Service					
Battery Service			✓		
Immobilizer Service			✓		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
M54 / N43 / N46 / N52 / N53 / N54 / N62 / S85					
Petrol Engine	✓	✓	✓	✓	
DDE					
M47 / M57 / N47					
Diesel Engine	✓	✓	✓	✓	
EGS/SMG					
Transmission	✓	✓	✓	✓	
GWS					
Gear Selector Switch	✓	✓			
EKPS					
Fuel-Pump Control	✓	✓			
DWA					
Anti-Theft Alarm	✓	✓			
CAS					
Car Access	✓	✓		✓ (DME/DDE Sync)	
VTG					
Transfer Case	✓	✓		✓	
VTC1					
Valvetronics 1	✓				The sub-system of DME
VTC2					
Valvetronics 2	✓				The sub-system of DME
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
CO Adjustment					
Consumption Indicator					
Minimum Stroke Adjustment					
Remove Valvetronic servomotor					
Injector rate adjustment					
Regeneration, nitrogen oxide catalytic converter					
Replacement, nitrogen oxide catalytic converter					
Bleeding coolant system					
VANOS test					
Diagnosis module for tank leakage (USA only)					
DDE adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					

Injector rate adjustment					
Particulate filter					
Adaptations					
Balance test					
Exhaust-gas recirculation					
Starting fuel delivery					
Limitation delivery					
Injection rate					
fuel system bleeding					
Consumption calculation					
Read measured values					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Reset learning functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC					
Dynamic Stability Control ✓ ✓ ✓					
AL / AFS					
Active Steering ✓ ✓ ✓					
RDC					
Tire Pressure Control ✓ ✓					
ACC / LRR					
Active Cruise Control					
Long-Range Sensor ✓					
ARS					
Dynamic Drive ✓ ✓					
EDC					
Damper Control ✓ ✓					
LDM					
Longitudinal Dynamics Management ✓ ✓					
EHC					
Electronic Ride Height Control system ✓ ✓ ✓ Ride level adjustment					
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SBSL					
SRS / Airbag, B-Pillar Left ✓ ✓					
SBSR					
SRS / Airbag, B-Pillar Right ✓ ✓					
SFZ					
SRS / Airbag, Vehicle Center ✓ ✓					
ACSM / MRS / SIM					
Crash Safety Module / Safety Info ✓ ✓					
KOMBI					
Instrument cluster ✓ ✓					
PDC					
Park Distance Control ✓ ✓					
FZD					
Function Center, Roof ✓ ✓ ✓					
SMFA					
Seat Module, Driver ✓ ✓					
SMBF					
Seat Module, Passenger ✓ ✓					
SHD					
Sliding / Tilting Sunroof ✓ ✓ ✓					
FRM / KBM					
Footwell / Body Basic Module ✓ ✓					
LM					
Light Module ✓ ✓					
SZL					
Switch Center ✓ ✓ Initialization					
SZM					
Control Centre ✓ ✓					
TMFA					
Driver Door ✓ ✓					
TMBF					
Passenger Door ✓ ✓					
FLA					
High Beam Assist ✓ ✓					
AHM					
Trailer Module ✓ ✓					
SINE					
Siren with Tilt Sensor ✓ ✓					
AHM					
Trailer Module ✓					
ALBFA					
Active Backrest Width, Driver ✓ ✓					
ALBBF					
Active Backrest Width, Passenger ✓ ✓					
RLS					
Rain Sensor ✓ ✓					
CVM / CTM					
Convertible Top ✓ ✓					
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM					
Safety and Gateway Module					
Junction-Box Electronics					
Body Gateway Module ✓ ✓					

CDC					
CD Changer	✓				
DVDC					
DVD Changer	✓				
CCC-ASK					
Audio System	✓	✓			
CCC-ANT					
Antenna Tuner	✓				
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO					
Control Display / User Interface	✓	✓			
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP- GW					
Gateway	✓	✓			
CID					
Cnetral Information Display	✓	✓			
CON					
Controller	✓	✓			
TCU / ULF					
Telephone Control Unit / Universal Bluetooth Hands-Free System	✓	✓			
AMP					
Amplifier	✓	✓			
CCC-A					
Applications	✓	✓			
HUD					
Head-up Display	✓	✓			
CA					
Comfort Access	✓	✓			
DAB					
Digital Tuner	✓				
KHM / KHI					
Headphones Module					
Headset Interface	✓				
NVK					
Night Vision Camera	✓				
NVE					
Night Vision Electronics	✓	✓			
SHZH					
Independent / Auxiliary Heater	✓				
SVS					
Language Processing System	✓				
VM					
Video Module	✓	✓			
MASK-NAV / CNAV / JNAV / KNAV					
Navigation System	✓	✓			
SDARS					
Satellite Tuner	✓	✓			
IBOC					
Digital Tuner US	✓	✓			
PM					
Power Module	✓	✓			
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKR / IHKR					
Regulated Heating and A/C	✓	✓		✓	
5-SERIES, E39 1995 – 2003					
Practical Functions					
FUNCTION					STATUS
Oil Reset					✓
DPF Regeneration					
Fuel Injector Adaptation					
Brake Pad Service					
Battery Service					
Immobilizer Service					✓
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for M52 / M54 / M62 / S62 Petrol Engine	✓	✓	✓	✓	
DDE for M47 / M51 / M57 DieselEngine	✓	✓	✓	✓	
EGS / AGS					
Auto Transmission	✓	✓	✓		
EWS					
Immobilizer	✓	✓		✓ (DME/DDE Sync)	
CR2					
Cruise Control	✓				
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)					
All adaption					
Diagnosis module for tank leakage (USA only)					
DDE adaption, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC					
Automatic Stability Control					
Dynamic Stability Control	✓	✓		✓	

EHC						
Electronic Ride-Height Control	✓	✓	✓			
RDC						
Tyre Pressure	✓	✓				
DSC, functions list: (Some functions are optional because of the default factory setting)						
DSC hydraulics bleeding						
Calibration of DSC sensor						
(1).Steering-angle sensor						
(2).Rate of rotation sensor						
(3).Lateral acceleration sensor						
EHC, functions list: (Some functions are optional because of the default factory setting)						
Transport mode						
(1). Transport mode inquiry						
(2). Delete transport mode						
BODY						
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE		NOTES
SRS						
Airbag	✓	✓				
IKE / IKI / KOMBI						
Instrument cluster	✓	✓				
PDC						
Park Distance Control	✓	✓				
LCM / LSZ						
Light Check Module	✓	✓				
ZKE						
Central Body System	✓	✓				
SZM						
Switching Center	✓	✓				
XENON, Left						
Left Xenon	✓	✓				
XENON, Right						
Right Xenon	✓	✓				
AIC / RLS						
Rain / Light Sensor	✓	✓		Initialization		
MFL						
Multi-functional Steering Wheel		✓				
SHD						
Sunroof	✓	✓				
SM						
Seat Memory	✓	✓				
BSM						
Seat Memory, Passenger Side		✓				
CCM						
Check Control		✓				
FBZV						
Remote Control for Central Lock		✓				
HKM						
Trunk Lid Module		✓				
SBE2						
Seat Occupation Detection		✓				
SPMBT						
Mirror Memory, Passenger Side		✓				
SPMFT						
Mirror Memory, Driver Side		✓				
STH						
Additional Heater		✓				
LWS						
Steering Angle		✓				
ELV						
Electric Steering		✓				
LRA						
Headlight Vertical Aim Control	✓	✓				
INFORMATION AND COMMUNICATION						
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE		NOTES
RAD						
Radio	✓	✓				
BIT						
Basis-Interface Telephone	✓	✓				
BMBT						
On-Board Monitor	✓					
DSP						
DSP-booster	✓					
MID						
Multi-Information Display	✓					
FID						
Rear Multi-Information Display	✓					
IRIS						
Integrated Radio Information	✓					
NAV						
Navigation System	✓					
NAV JAP						
Navigation System, Japanese	✓					
VIDEO_GT						
Video Module Graphics Part	✓					
VIDEO_TV/VID						
Video Module, TV	✓					
SES						
Voice Recognition	✓					

AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKR / IHKR					
Regulated Heating and A/C	✓	✓			
5-SERIES, E34 1988 – 1996					
Practical Functions					
FUNCTION					STATUS
Oil Reset					✓
DPF Regeneration					
Fuel Injector Adaptation					
Brake Pad Service					
Battery Service					
Immobilizer Service					✓
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for M20 / M30 / M40 / M43 / M50 / S38					
Petrol Engine	✓	✓	✓	✓	
DDE for M21 / M51					
Diesel Engine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓		
EWS					
Immobilizer	✓	✓		✓ (DME/DDE Sync)	
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)					
All adaption					
DDE adaption, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC					
Automatic Stability Control					
Dynamic Stability Control	✓	✓			
AHK					
Active Rear Axle	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS					
Airbag	✓	✓			
IKE / IK1 / KOMBI					
Instrument cluster	✓	✓			
ZKE					
Central Body System	✓	✓			
EKM					
Electric Body Module	✓				
LCM / LM					
Light Check Module	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
MID / ZIS					
Multi-Information Display	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKR / IHKR					
Regulated Heating and A/C	✓	✓			
5-SERIES, E28 ~1988					
Practical Functions					
FUNCTION					STATUS
Oil Reset					✓
DPF Regeneration					✓
Fuel Injector Adaptation					✓
Brake Pad Service					
Battery Service					
Immobilizer Service					✓
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for M20 / M30 / S38					
Petrol Engine	✓	✓	✓		
6-series					
6-SERIES, E63 (Coupé) / E64 (Cabriolet) 2003 – 2010					
Practical Functions					
FUNCTION					STATUS
Oil Reset					✓
DPF Regeneration					✓
Fuel Injector Adaptation					✓
Brake Pad Service					
Battery Service					✓
Immobilizer Service					✓
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES

DME					
N52 / N53 / N62 / N85					
Petrol Engine	✓	✓	✓	✓	
DDE					
M57					
Diesel Engine	✓	✓	✓	✓	
EGS/SMG					
Transmission	✓	✓	✓	✓	
GWS					
Gear Selector Switch	✓	✓			
EKPS					
Fuel-Pump Control	✓	✓			
DWA					
Anti-Theft Alarm	✓	✓			
CAS					
Car Access	✓	✓		✓ (DME/DDE Sync)	
VTG					
Transfer Case	✓	✓			
VTC1					
Valvetronics 1	✓				The sub-system of DME
VTC2					
Valvetronics 2	✓				The sub-system of DME
Адаптация DME, список функций: (Некоторые функции являются необязательными из-за заводских настроек по умолчанию)					
Управление скоростью холостого хода					
Learning Valvetronic limit positions - Изучение предельных положений клапанов					
CO Adjustment-Корректировка CO					
Consumption Indicator-Индикатор потребления					
Minimum Stroke Adjustment-Минимальная регулировка Хода					
Remove Valvetronic servomotor-Снять сервомотор Valvetronic					
Injector rate adjustment-Регулировка скорости форсунки					
Regeneration, nitrogen oxide catalytic converter-Регенерация, каталитический нейтрализатор оксида азота					
Replacement, nitrogen oxide catalytic converter-Замена каталитического нейтрализатора оксида азота					
Bleeding coolant system-Система подачи охлаждающей жидкости					
VANOS test					
Diagnosis module for tank leakage (USA only)					
DDE adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Particulate filter					
Adaptations					
Balance test					
Exhaust-gas recirculation					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Reset learning functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC					
Dynamic Stability Control	✓	✓		✓	
AL / AFS					
Active Steering	✓	✓		✓	
RDC					
Tire Pressure Control	✓	✓			
ACC / LRR					
Active Cruise Control					
Long-Range Sensor	✓				
ARS					
Dynamic Drive	✓	✓			
EDC					
Damper Control	✓	✓			
LDM					
Longitudinal Dynamics Management	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SBSL					
SRS / Airbag, B-Pillar Left	✓	✓			
SBSR					
SRS / Airbag, B-Pillar Right	✓	✓			
SFZ					
SRS / Airbag, Vehicle Center	✓	✓			
ACSM / MRS / SIM					
Crash Safety Module / Safety Info	✓	✓			
KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			
FZD					
Function Center, Roof	✓	✓		✓	
SMFA					
Seat Module, Driver	✓	✓			
SMBF					
Seat Module, Passenger	✓	✓			
SHD					
Sliding / Tilting Sunroof	✓	✓		✓	
FRM / KBM					
Footwell / Body Basic Module	✓	✓			
LM					
Light Module	✓	✓			
SZL					
Switch Center	✓	✓		Initialization	

SZM					
Control Centre	✓	✓			
TMFA					
Driver Door	✓	✓			
TMBF					
Passenger Door	✓	✓			
FLA					
High Beam Assist	✓	✓			
AHM					
Trailer Module	✓	✓			
SINE					
Siren with Tilt Sensor	✓	✓			
AHM					
Trailer Module	✓				
ALBFA					
Active Backrest Width, Driver	✓	✓			
ALBBF					
Active Backrest Width, Passenger	✓	✓			
RLS					
Rain Sensor	✓	✓			
CVM / CTM					
Convertible Top	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM					
Safety and Gateway Module					
Junction-Box Electronics					
Body Gateway Module	✓	✓			
CDC					
CD Changer	✓				
DVDC					
DVD Changer	✓				
CCC-ASK					
Audio System	✓	✓			
CCC-ANT					
Antenna Tuner	✓				
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO					
Control Display / User Interface	✓	✓			
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP-GW					
Gateway	✓	✓			
CID					
Central Information Display	✓	✓			
CON					
Controller	✓	✓			
TCU / ULF					
Telephone Control Unit / Universal Bluetooth Hands-Free System	✓	✓			
AMP					
Amplifier	✓	✓			
CCC-A					
Applications	✓	✓			
HUD					
Head-up Display	✓	✓			
CA					
Comfort Access	✓	✓			
DAB					
Digital Tuner	✓				
KHM / KHI					
Headphones Module					
Headset Interface	✓				
NVK					
Night Vision Camera	✓				
NVE					
Night Vision Electronics	✓	✓			
SHZH					
Independent / Auxiliary Heater	✓				
SVS					
Language Processing System	✓				
VM					
Video Module	✓	✓			
MASK-NAV / CNAV / JNAV / KNAV					
Navigation System	✓	✓			
SDARS					
Satellite Tuner	✓	✓			
IBOC					
Digital Tuner US	✓	✓			
PM					
Power Module	✓	✓			
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR					
Regulated Heating and A/C	✓	✓		✓	
7-series					
7-SERIES, E65 / E66 (Long Wheel Base) / E67 (Protection) / E68 (Hydrogen 7) 2002 – 2008					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		

DPF Regeneration					✓
Fuel Injector Adaptation					✓
Brake Pad Service					
Battery Service					✓
Immobilizer Service					✓
Fire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N52 / N62 / N73 / M54					
Petrol Engine	✓	✓	✓	✓	
DDE					
M57 / M67					
DieselEngine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓	✓	
VTC1					
Valvetronics	✓				
VTC2					
Valvetronics	✓				
DWA					
Anti-Theft Alarm	✓	✓			
CAS					
Car Access	✓	✓		✓(DME/DDE Sync)	
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
CO Adjustment					
Consumption Indicator					
Minimum Stroke Adjustment					
Remove Valvetronic servomotor					
Injector rate adjustment					
Bleeding coolant system					
DDE adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Particulate filter					
Adaptations					
Balance test					
Exhaust-gas recirculation					
Starting fuel delivery					
Limitation delivery					
Injection rate					
fuel system bleeding					
Consumption calculation					
Read measured values					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Reset learning functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC					
Dynamic Stability Control	✓	✓			
EHC					
Electronic Ride-Height Control	✓	✓			
CIM					
Chassis Integration Module	✓	✓			
EMF					
Parking Brake	✓	✓			
ARS					
Active Roll Stabilization	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SASL					
SRS / Airbag, A-Pillar Left	✓	✓			
SASR					
SRS / Airbag, A-Pillar Right	✓	✓			
SBSL					
SRS / Airbag, B-Pillar Left	✓	✓			
SBSR					
SRS / Airbag, B-Pillar Right	✓	✓			
SSFA					
SRS / Airbag, Driver Seat	✓	✓			
SSBF					
SRS / Airbag, Passenger Seat	✓	✓			
SSH					
SRS / Airbag, Rear Seat	✓	✓			
SFZ					
SRS / Airbag, Vehicle Center	✓	✓			
STVL					
SRS / Airbag, Front Left Door	✓	✓			
STVR					
SRS / Airbag, Front Right Door	✓	✓			
KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			
LM					
Light Module	✓	✓			
BZM					
Control Centre	✓	✓			

TMFAT					
Driver Door	✓	✓			
TMFBFT					
Passenger Door	✓	✓			
FBZM					
Rear Control	✓	✓			
TMFAH					
Driver Rear Door	✓	✓			
TMBFH					
Passenger Rear Door	✓	✓			
SZL					
Switch Center	✓	✓		Initialization	
RLS					
Rain Sensor	✓	✓			
HKL					
Rear-lid Lift	✓	✓			
WIM					
Wiper Module	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SIM					
Safety & Information	✓	✓			
ASK					
Audio System	✓	✓			
CD					
Control Display	✓	✓			
CDGW					
Control Display Gateway	✓	✓			
CDC					
CD Changer	✓				
DVDC					
DVD Changer	✓				
PM					
Power Module	✓	✓			
CON					
Controller	✓	✓			
ANT					
Antenna	✓	✓			
SGM / ZGM					
Safety and Gateway Module	✓	✓			
TCU / ULF					
Telephone Control Unit / Universal Bluetooth Hands-Free System	✓	✓			
VM					
Video Module	✓	✓			
M-ASK-NAV / JNAV					
Navigation System	✓	✓			
SVS					
Language Processing System	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKR / IHKR					
Regulated Heating and A/C	✓	✓		✓	
FKA / REAR AC					
Rear heater/air conditioning	✓	✓			
7-SERIES, E38 / E38/2 (Long Wheel Base) / E38/3 (Protection) 1994 – 2001					
Practical Functions					
FUNCTION				STATUS	
Oil Reset				✓	
DPF Regeneration					
Fuel Injector Adaptation					
Brake Pad Service					
Battery Service					
Immobilizer Service				✓	
Fire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for M52 / M60 / M62 / M73					
Petrol Engine	✓	✓	✓	✓	
DDE for M51 / M57 / M67					
Diesel Engine	✓	✓	✓	✓	
EGS / AGS					
Auto Transmission	✓	✓	✓		
EML					
Electric Throttle	✓	✓			
EWS					
Immobilizer	✓	✓		✓ (DME/DDE Sync)	
GR2					
Cruise Control	✓				
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)					
Oxygen Sensor / Lambda					
Throttle Position Sensor					
Idle air / Idle speed fluid control					
Irregular running					
Closing time					
Height correction					
Throttle valve					
Knock control					
All adaption					
DDE adaption, functions list: (Some functions are optional because of the default factory setting)					

Idle speed control					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC					
Automatic Stability Control					
Dynamic Stability Control	✓	✓			
EHC					
Electronic Ride-Height Control	✓	✓			
RDC					
Tyre Pressure	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS					
Airbag	✓	✓			
IKE / IK1 / KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			
LCM / LSZ					
Light Check Module	✓	✓			
ZKE					
Central Body System	✓	✓			
SZM					
Switching Center	✓	✓			
XENON, Left					
Left Xenon	✓	✓			
XENON, Right					
Right Xenon	✓	✓			
AIC / RLS					
Rain / Light Sensor	✓	✓		Initialization	
MFL					
Multi-functional Steering Wheel		✓			
SHD					
Sunroof	✓	✓			
SM					
Seat Memory	✓	✓			
BSM					
Seat Memory, Passenger Side		✓			
CCM					
Check Control		✓			
FBZV					
Remote Control for Central Lock		✓			
HKM					
Trunk Lid Module		✓			
SBE2					
Seat Occupation Detection		✓			
SPMBT					
Mirror Memory, Passenger Side		✓			
SPMFT					
Mirror Memory, Driver Side		✓			
STH					
Additional Heater		✓			
LWS					
Steering Angle		✓			
ELV					
Electric Steering		✓			
LRA					
Headlight Vertical Aim Control	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD					
Radio	✓	✓			
BIT					
Basis-Interface Telephone	✓	✓			
BMBT					
On-Board Monitor	✓				
DSP					
DSP-booster	✓				
MID					
Multi-Information Display	✓				
FID					
Rear Multi-Information Display	✓				
IRIS					
Integrated Radio Information	✓				
NAV					
Navigation System	✓				
NAV JAP					
Navigation System, Japanese	✓				
VIDEO_GT					
Video Module Graphics Part	✓				
VIDEO_TV / VID					
Video Module, TV	✓				
SES					
Voice Recognition	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR					
Regulated Heating and A/C	✓	✓			

FGB
Rear Compartment Blower ✓
7-SERIES, E32 1986 – 1994
Practical Functions
FUNCTION STATUS
Oil Reset ✓
DPF Regeneration
Fuel Injector Adaptation
Brake Pad Service
Battery Service
Immobilizer Service
Tire Pressure Sensor Service
DRIVE SYSTEMS
ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
DME for
M30 / M50 / M70
Petrol Engine ✓ ✓ ✓ ✓
DDE for M51
DieselEngine ✓ ✓ ✓ ✓
EGS
Auto Transmission ✓ ✓ ✓
EML
Electric Throttle ✓ ✓
EWS
Immobilizer ✓ ✓ ✓ (DME/DDE Sync)
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)
All adaption
DDE adaption, functions list: (Some functions are optional because of the default factory setting)
Idle speed control
CHASSIS
ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
ABS / ASC / DSC
Automatic Stability Control
Dynamic Stability Control ✓ ✓
EDC
Electronic Dapmer Control ✓ ✓
AHK
Active Rear Axle ✓ ✓
BODY
ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
SRS
Airbag ✓ ✓
IKE / IKI / KOMBI
Instrument cluster ✓ ✓
ZKE
Central Body System ✓ ✓
EKM
Electric Body Module ✓
LCM / LM
Light Check Module ✓ ✓
INFORMATION AND COMMUNICATION
ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
MID / ZIS
Multi-Information Display ✓
AIR CONDITIONING
ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
IHK A / IHKR
Regulated Heating and A/C ✓ ✓
8-series
8-SERIES, E31 1989 – 1999
Practical Functions
FUNCTION STATUS
Oil Reset
DPF Regeneration
Fuel Injector Adaptation
Brake Pad Service
Battery Service
Immobilizer Service
Tire Pressure Sensor Service
DRIVE SYSTEMS
ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
DME
Petrol Engine ✓ ✓ ✓ ✓
DDE
DieselEngine ✓ ✓ ✓ ✓
EGS
Auto Transmission ✓ ✓ ✓
EML
Electric Throttle ✓ ✓
EWS
Immobilizer ✓ ✓ ✓ (DME/DDE Sync)
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)
All adaption
DDE adaption, functions list: (Some functions are optional because of the default factory setting)
Idle speed control
CHASSIS
ECU READ/CLEAR CODE DATA STREAM CLEAR ADAPTION ADAPTATION / SERVICE NOTES
ABS / ASC / DSC
Automatic Stability Control
Dynamic Stability Control ✓ ✓

EHC					
Electronic Ride-Height Control	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS					
Airbag	✓	✓			
IKE / IKI / KOMBI					
Instrument cluster	✓	✓			
LCM / LSZ					
Light Check Module	✓	✓			
ZKE					
Central Body System	✓	✓			
EKM					
Electric Body Module	✓				
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
MID					
Multi-Information Display	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR					
Regulated Heating and A/C	✓	✓			
X-series					
X6-SERIES, E71 / E72 (ActiveHybrid) 2008 – 2013					
Practical Functions					
FUNCTION				STATUS	
Oil Reset				✓	
DPF Regeneration				✓	
Fuel Injector Adaptation				✓	
Brake Pad Service				✓	
Battery Service				✓	
Immobilizer Service				✓	
Fire Pressure Sensor Service				✓	
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N54 / N55 / N63 / S63					
Petrol Engine	✓	✓	✓	✓	
DDE					
N57 / M57					
Diesel Engine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓	✓	
VTG					
Transfer Case	✓	✓		✓	
CAS					
Car Access	✓	✓		✓(DME/DDE Sync)	
EKPS					
Fuel-pump	✓	✓			
GWS					
Gear Selector Switch	✓	✓			
QMVH					
Lateral-Moment Distribution, Rear Axle	✓	✓			
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Bleeding coolant system					
Diagnosis module for tank leakage (USA only)					
DDE adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Particulate filter					
Adaptations					
Balance test					
Exhaust-gas recirculation					
Starting fuel delivery					
Limitation delivery					
Injection rate					
fuel system bleeding					
Consumption calculation					
Read measured values					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Reset learning functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC					
Dynamic Stability Control	✓	✓			
EHC					
Electronic Ride-Height Control	✓	✓			
EMF					
Parking Brake	✓	✓		Initialization	
AL/AFS					
Active Steering	✓	✓		✓	
EDCSHL					
Damper Satellite, Rear Left	✓	✓			
EDCSHR					
Damper Satellite, Rear Reft	✓	✓			

EDCSVL					
Damper Satellite, Front Left	✓	✓			
EDCSVR					
Damper Satellite, Front Right	✓	✓			
ICM / LDM					
Integrated Chassis Control	✓	✓			
RDC					
Tire Pressure Control	✓	✓			
VDM					
Vertical Dynamics Management	✓	✓			
ARS					
Dynamic Drive	✓	✓			
EPS					
Electric Power Steering	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM					
Crash Safety Module					
Multiple Restraint System					
Safety Information	✓	✓			
KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			
FZD					
Function Center	✓	✓		✓	
HKL					
Rear-lid Lift	✓	✓		Initialization	
RLS / AIC					
Rain / Light Sensor	✓	✓			
FLA					
High Beam Assist	✓	✓			
FRM / KBM / FRM2					
Footwell Module	✓	✓		✓	
RFK					
Reversing Camera	✓	✓			
SMFA					
Seat Module, Driver	✓	✓		Initialization	
SMBF					
Seat Module, Passenger	✓	✓		Initialization	
AHM					
Trailer Module	✓	✓			
TRVC					
All Round View Camera	✓	✓		✓	
SINE					
Siren With Tilt Sensor	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM					
Safety and Gateway Module					
Junction-Box Electronics					
Body Gateway Module	✓	✓			
CDC					
CD Changer	✓				
DVDC					
DVD Changer	✓				
CCC-ASK					
Audio System	✓	✓			
CCC-ANT					
Antenna Tuner	✓				
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO					
Control Display / User Interface	✓	✓			
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP- GW					
Gateway	✓	✓			
CID					
Central Information Display	✓	✓			
CON					
Controller	✓	✓			
TCU / ULF-SBX					
Telephone Control Unit / Universal Bluetooth Hands-Free System	✓	✓			
ULF-SBX					
Interface Box	✓	✓			
AMP					
Amplifier	✓	✓			
CCC-A					
Applications	✓	✓			
HUD					
Head-up Display	✓	✓			
CA					
Comfort Access	✓	✓			
DAB					
Digital Tuner	✓				
KHM / KHI					
Headphones Module					
Headset Interface	✓				
VSW					
Video Switch	✓	✓			
FD					
Rear-Cabin Display	✓				

VM					
Video Module	✓	✓			
MASK-NAV / CNAV / JNAV / KNAV					
Navigation System	✓	✓			
SDARS					
Satellite Tuner	✓	✓			
I/BOC					
Digital Tuner US	✓	✓			
RSE					
Rear Seat Entertainment	✓	✓			
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKKA					
Regulated Heating and A/C	✓	✓		✓	
PKA					
Rear heater/air conditioning	✓	✓			
X5-SERIES, E70 2007 – 2013					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration			✓		
Fuel Injector Adaptation			✓		
Brake Pad Service			✓		
Battery Service			✓		
Immobilizer Service			✓		
Fire Pressure Sensor Service			✓		
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N52 / N55 / N62 / N63 / S63					
Petrol Engine	✓	✓	✓	✓	
DDE					
M57 / N57					
DieselEngine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓	✓	
VTG					
Transfer Case	✓	✓		✓	
CAS					
Car Access	✓	✓		✓(DME/DDE Sync)	
EKPS					
Fuel-pump	✓	✓			
GWS					
Gear Selector Switch	✓	✓			
QMVH					
Lateral-Moment Distribution, Rear Axle	✓	✓			
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
Remove Valvetronic servomotor					
Minimum- stroke adjustment					
Injector rate adjustment					
Bleeding coolant system					
VANOS test					
Diagnosis module for tank leakage (USA only)					
DDE adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Particulate filter					
Adaptations					
Balance test					
Exhaust-gas recirculation					
Starting fuel delivery					
Limitation delivery					
Injection rate					
Fuel system bleeding					
Consumption calculation					
Read measured values					
SCR system (USA only)					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Reset learning functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC					
Dynamic Stability Control	✓	✓			
EHC					
Electronic Ride-Height Control	✓	✓		✓	
EMF					
Parking Brake	✓	✓		Initialization	
AL/AFS					
Active Steering	✓	✓		✓	
EDCSHL					
Damper Satellite, Rear Left	✓	✓			
EDCSHR					
Damper Satellite, Rear Reft	✓	✓			

EDCSVL					
Damper Satellite, Front Left	✓	✓			
EDCSVR					
Damper Satellite, Front Right	✓	✓			
ICM / LDM					
Integrated Chassis Control	✓	✓			
RDC					
Tire Pressure Control	✓	✓			
VDM					
Vertical Dynamics Management	✓	✓			
ARS					
Dynamic Drive	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM					
Crash Safety Module					
Multiple Restraint System					
Safety Information	✓	✓			
KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			
FZD					
Function Center	✓	✓		✓	
HKL					
Rear-lid Lift	✓	✓		Initialization	
RLS / AIC					
Rain / Light Sensor	✓	✓			
FLA					
High Beam Assist	✓	✓			
FRM / KBM / FRM2					
Footwell Module	✓	✓		✓	
RFK					
Reversing Camera	✓				
SMFA					
Seat Module, Driver	✓	✓		Initialization	
SMBF					
Seat Module, Passenger	✓	✓		Initialization	
AHM					
Trailer Module	✓	✓			
IRSV					
All Round View Camera	✓	✓		✓	
SINE					
Siren With Tilt Sensor	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SZGM / JBE / KGM					
Safety and Gateway Module					
Junction-Box Electronics					
Body Gateway Module	✓	✓			
CDC					
CD Changer	✓				
DVDC					
DVD Changer	✓				
CCC-ASK					
Audio System	✓	✓			
CCC-ANT					
Antenna Tuner	✓				
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO					
Control Display / User Interface	✓	✓			
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP- GW					
Gateway	✓	✓			
CID					
Central Information Display	✓	✓			
CON					
Controller	✓	✓			
TCU / ULF-SBX					
Telephone Control Unit / Universal Bluetooth Hands-Free System	✓	✓			
ULF-SBX					
Interface Box	✓	✓			
AMP					
Amplifier	✓	✓			
CCC-A					
Applications	✓	✓			
HUD					
Head-up Display	✓	✓			
CA					
Comfort Access	✓	✓			
DAB					
Digital Tuner	✓				
KHM / KHI					
Headphones Module					
Headset Interface	✓				
VSW					
Video Switch	✓	✓			
FD					
Rear-Cabin Display	✓				
VM					
Video Module	✓	✓			

MASK-NAV / CNAV / JNAV /						
KNAV						
Navigation System	✓		✓			
SDARS						
Satellite Tuner	✓		✓			
IBOC						
Digital Tuner US	✓		✓			
RSE						
Rear Seat Entertainment	✓		✓			
AIR CONDITIONING						
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE		NOTES
IHKA						
Regulated Heating and A/C	✓		✓		✓	
FKA						
Rear heater/air conditioning	✓		✓			
X5-SERIES, E53 1999-2006						
Practical Functions						
FUNCTION				STATUS		
Oil Reset			✓			
DPF Regeneration						
Fuel Injector Adaptation			✓			
Brake Pad Service						
Battery Service						
Immobilizer Service			✓			
Tire Pressure Sensor Service						
DRIVE SYSTEMS						
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE		NOTES
DME for M54 / M62 / N62						
Petrol Engine	✓	✓	✓	✓		
DDE for M57						
DieselEngine	✓	✓	✓	✓		
EGS / AGS						
Auto Transmission	✓	✓	✓			
EWS						
Immobilizer	✓	✓		✓(DME/DDE Sync)		
GR2						
Cruise Control	✓					
VTG						
Transfer Case	✓	✓		✓		
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)						
All adaption						
Diagnosis module for tank leakage (USA only)						
DDE adaption, functions list: (Some functions are optional because of the default factory setting)						
Idle speed control						
Injector rate adjustment						
Balance test						
Air-mass flow sensor adaptation						
Quantity mean-value adaptation						
VTG service, functions list: (Some functions are optional because of the default factory setting)						
Oil change						
Repair						
(1).Replace classification resistor						
(2).Replace transfer case actuator						
(3).Replace transfer box						
(4).Replace VTG control						
(5).Enter wear values in new VTG control						
CHASSIS						
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE		NOTES
ABS / ASC / DSC						
Automatic Stability Control						
Dynamic Stability Control	✓	✓		✓		
EHC						
Electronic Ride-Height Control	✓	✓		✓		
RDC						
Tyre Pressure	✓	✓				
DSC, functions list: (Some functions are optional because of the default factory setting)						
DSC hydraulics bleeding						
Calibration of DSC sensor						
(1).Steering-angle sensor						
(2).Rate of rotation sensor						
(3).Lateral acceleration sensor						
Adjustment, steering angle sensor						
EHC, functions list: (Some functions are optional because of the default factory setting)						
Transport mode						
(1). Transport mode inquiry						
(2). Delete transport mode						
BODY						
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE		NOTES
SRS						
Airbag	✓	✓				
IKE / IKI / KOMBI						
Instrument cluster	✓	✓				
PDC						
Park Distance Control	✓	✓				
LCM / LSZ						
Light Check Module	✓	✓				
ZKE						
Central Body System	✓	✓				

SZM					
Switching Center	✓	✓			
XENON, Left					
Left Xenon	✓	✓			
XENON, Right					
Right Xenon	✓	✓			
AIC / RLS					
Rain / Light Sensor	✓	✓		Initialization	
MFL					
Multi-functional Steering Wheel		✓			
SHD					
Sunroof	✓	✓			
SM					
Seat Memory	✓	✓			
BSM					
Seat Memory, Passenger Side		✓			
CCM					
Check Control		✓			
FBZV					
Remote Control for Central Lock		✓			
HKM					
Trunk Lid Module		✓			
SBE2					
Seat Occupation Detection		✓			
SPMBT					
Mirror Memory, Passenger Side		✓			
SPMFT					
Mirror Memory, Driver Side		✓			
STH					
Additional Heater		✓			
LWS					
Steering Angle		✓			
ELV					
Electric Steering		✓			
LRA					
Headlight Vertical Aim Control	✓	✓			
AHL					
Adaptive Directinal Headlights	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD					
Radio	✓	✓			
BIT					
Basis-Interface Telephone	✓	✓			
BMBT					
On-Board Monitor	✓				
DSP					
DSP-booster	✓				
MID					
Multi-Information Display	✓				
FID					
Rear Multi-Information Display	✓				
IRIS					
Integrated Radio Information	✓				
NAV					
Navigation System	✓				
NAV JAP					
Navigation System, Japanese	✓				
VIDEO_GT					
Video Module Graphics Part	✓				
VIDEO_TV / VID					
Video Module, TV	✓				
SES					
Voice Recognition	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKKA / IHKR					
Regulated Heating and A/C	✓	✓			
FGB					
Rear Compartment Blower	✓	✓			
X3-SERIES, E83 2003- 2010					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration					
Fuel Injector Adaptation			✓		
Brake Pad Service					
Battery Service					
Immobilizer Service			✓		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for M54 / N46 / N52					
Petrol Engine	✓	✓	✓	✓	
DDE for N47 / M47 / M57					
DieselEngine	✓	✓	✓	✓	
EGS / AGS					
Auto Transmission	✓	✓	✓	✓	

EWS					
Immobilizer	✓	✓		✓ (DME/DDE Sync)	
GR2					
Cruise Control	✓				
VTG					
Transfer Case	✓	✓		✓	
EKPS					
Fuel-Pump Control	✓	✓			
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)					
All adaption					
DME adaption, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
Minimum Stroke Adjustment					
VANOS test					
DDE adaption, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Injector rate adjustment					
Balance test					
Air-mass flow sensor adaptation					
Quantity mean-value adaptation					
Starting fuel delivery					
Limitation delivery					
Injection rate					
fuel system bleeding					
Consumption calculation					
Read measured values					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Oil change					
VTG service, functions list: (Some functions are optional because of the default factory setting)					
Oil change					
Repair					
(1) Replace classification resistor					
(2) Replace transfer case actuator					
(3) Replace transfer box					
(4) Replace VTG control					
(5) Enter wear values in new VTG control					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC					
Automatic Stability Control					
Dynamic Stability Control	✓	✓		✓	
EHC					
Electronic Ride-Height Control	✓	✓			
RDC					
Tyre Pressure	✓	✓			
LWS / LEW					
Steering Angle Sensor	✓				
SVT					
Servotronic	✓	✓			
DSC, functions list: (Some functions are optional because of the default factory setting)					
Adjustment, steering angle sensor					
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS					
Airbag	✓	✓			
IKE / IKI / KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			
LCM / LM					
Light Check Module	✓	✓			
ZKE					
Central Body System	✓	✓			
SZM					
Switching Center	✓	✓			
XENON, Left					
Left Xenon	✓	✓			
XENON, Right					
Right Xenon	✓	✓			
AIC / RLS					
Rain / Light Sensor	✓	✓			
MFL					
Multi-functional Steering Wheel		✓			
SHD					
Sunroof	✓	✓			
SM					
Seat Memory	✓	✓			
SMF					
Seat Memory, Driver Side		✓			
SMB					
Seat Memory, Passenger Side		✓			
CCM					
Check Control		✓			
FBZV					
Remote Control for Central Lock		✓			
HKM					
Trunk Lid Module		✓			

SBE2					
Seat Occupation Detection		✓			
SPMBT					
Mirror Memory, Passenger Side		✓			
SPMFT					
Mirror Memory, Driver Side		✓			
STH					
Additional Heater		✓			
LWS					
Steering Angle		✓			
ELV					
Electric Steering		✓			
LRA					
Headlight Vertical Aim Control	✓	✓			
AHL					
Adaptive Directinal Headlights	✓	✓			
SBBF					
Seat occupancy, passenger	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD					
Radio	✓	✓			
BIT					
Basis-Interface Telephone	✓	✓			
BMBT					
On-Board Monitor	✓				
DSP					
DSP-booster	✓				
MID					
Multi-Information Display	✓				
FID					
Rear Multi-Information Display	✓				
IRIS					
Integrated Radio Information	✓				
NAV					
Navigation System	✓				
NAV JAP					
Navigation System, Japanese	✓				
VIDEO_GT					
Video Module Graphics Part	✓				
VIDEO_TV / VID					
Video Module, TV	✓				
SES					
Voice Recognition	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKR / IHKR					
Regulated Heating and A/C	✓	✓			
FGB					
Rear Compartment Blower	✓	✓			
X1-SERIES, E84 2009 – 2015					
Practical Functions					
FUNCTION				STATUS	
Oil Reset				✓	
DPF Regeneration				✓	
Fuel Injector Adaptation				✓	
Brake Pad Service					
Battery Service				✓	
Immobilizer Service				✓	
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N46 / N52 / N55 / N20					
Petrol Engine	✓	✓	✓	✓	
DDE					
N47					
DieselEngine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓	✓	
EKPS					
Fuel-Pump Control	✓	✓			
CAS					
Car Access	✓	✓		✓ (DME/DDE Sync)	
VTG					
Transfer Case	✓	✓		✓	
GWS					
Gear Selector Switch					
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
CO Adjustment					
Consumption Indicator					
Minimum Stroke Adjustment					
Injector rate adjustment					
Bleeding coolant system					
Diagnosis module for tank leakage (USA only)					
DDE adaptation, functions list: (Some functions are optional because of the default factory setting)					
Injector rate adjustment					
Particulate filter					

Adaptations
Balance test
Exhaust-gas recirculation
Idle speed control
Starting fuel delivery
fuel system bleeding
Consumption calculation
Read measured values
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)
Reset learning functions
CHASSIS
ECU
READ/CLEAR CODE
DATA STREAM
CLEAR ADAPTION
ADAPTATION / SERVICE
NOTES
DSC
Dynamic Stability Control ✓
EPS
Electric Power Steering ✓
BODY
ECU
READ/CLEAR CODE
DATA STREAM
CLEAR ADAPTION
ADAPTATION / SERVICE
NOTES
ACSM / MRS / SIM
Crash Safety Module / Safety
Info ✓
KOMBI
Instrument cluster ✓
PDC
Park Distance Control ✓
FZD
Function Center, Roof ✓
SMFA
Seat Module, Driver ✓
SMBF
Seat Module, Passenger ✓
ULF-SBX-H
Interface Box, High Version ✓
FRM / KBM
Footwell / Body Basic Module ✓
FLA
High Beam Assist ✓
AHM
Trailer Module ✓
RLS
Rain Sensor ✓
INFORMATION AND COMMUNICATION
ECU
READ/CLEAR CODE
DATA STREAM
CLEAR ADAPTION
ADAPTATION / SERVICE
NOTES
SZGM / JBE / KGM
Safety and Gateway Module
Junction-Box Electronics
Body Gateway Module ✓
CDC
CD Changer ✓
CD / RAD / MBO / CCC-BO /
CHAMP-BO / M-ASK-BO
Control Display / User Interface ✓
CD-GW / M-ASK-GW /
RAD2GW / CCC-GW / CHAMP-
GW
Gateway ✓
CID
Central Information Display ✓
CON
Controller ✓
TCU / ULF
Telephone Control Unit /
Universal Bluetooth Hands-Free
System ✓
AMP
Amplifier ✓
CA
Comfort Access ✓
DAB
Digital Tuner ✓
AIR CONDITIONING
ECU
READ/CLEAR CODE
DATA STREAM
CLEAR ADAPTION
ADAPTATION / SERVICE
NOTES
IHKA / IHKR
Regulated Heating and A/C ✓
Z-series
Z4-SERIES, E89 2009 – 2015
Practical Functions
FUNCTION
STATUS
Oil Reset ✓
DPF Regeneration
Fuel Injector Adaptation ✓
Brake Pad Service ✓
Battery Service ✓
Immobilizer Service ✓
Tire Pressure Sensor Service
DRIVE SYSTEMS
ECU
READ/CLEAR CODE
DATA STREAM
CLEAR ADAPTION
ADAPTATION / SERVICE
NOTES
DME
N20 / N52 / N54 / N55
Petrol Engine ✓

EGS					
Auto Transmission	✓	✓	✓	✓	
GWS					
Gear Selector Switch	✓	✓			
EKPS					
Fuel-Pump Control	✓	✓			
DWA					
Anti-Theft Alarm	✓	✓			
CAS					
Car Access	✓	✓		✓ (DME/DDE Sync)	
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
CO Adjustment					
Consumption Indicator					
Minimum Stroke Adjustment					
Injector rate adjustment					
Bleeding coolant system					
Diagnosis module for tank leakage (USA only)					
EGS adaptation, functions list: (Some functions are optional because of the default factory setting)					
Reset learning functions					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DSC					
Dynamic Stability Control	✓	✓			
RDC					
Tire Pressure	✓	✓			
EPS					
Electric Power Steering	✓	✓			
EMF					
Parking Brake	✓	✓			
EDC					
Damper Control	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ACSM / MRS / SIM					
Crash Safety Module					
Multiple Restraint System					
Safety Information	✓	✓			
KOMBI					
Instrument cluster	✓	✓			
PDC					
Park Distance Control	✓	✓			
SMFA					
Seat Module, Driver	✓	✓		Initialization	
SMBF					
Seat Module, Passenger	✓	✓		Initialization	
CVM / CTM					
Convertible Top	✓	✓		✓	
FRM / KBM					
Footwell Module	✓	✓			
SZGM / JBE / KGM					
Safety and Gateway Module					
Junction-box Electronics					
Body Gateway Module	✓	✓		Initialization	
FLA					
High Beam Assist	✓	✓			
RLS					
Rain Sensor	✓	✓			
SINE					
Siren with Tilt Sensor	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
CDC					
CD Changer	✓				
DVDC					
DVD Changer	✓				
CD / RAD / MBO / CCC-BO / CHAMP-BO / M-ASK-BO					
Control Display / User Interface	✓	✓			
CD-GW / M-ASK-GW / RAD2GW / CCC-GW / CHAMP- GW					
Gateway	✓	✓			
CID					
Central Information Display	✓	✓			
CON					
Controller	✓	✓			
TCU / ULF					
Telephone Control Unit / Universal Bluetooth Hands-Free System	✓	✓			
AMP					
Amplifier	✓	✓			
CA					
Comfort Access	✓	✓			
DAB					
Digital Tuner	✓				
VM					
Video Module	✓	✓			
MASK-NAV / CNAV / JNAV / KNAV					
Navigation System	✓	✓			

ULF-SBX-H					
Interface box, High Version	✓		✓		
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR					
Regulated Heating and A/C	✓	✓		✓	
Z4-SERIES, E85(roadster) / E86 (Coupé) 2002 – 2011					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration					
Fuel Injector Adaptation			✓		
Brake Pad Service					
Battery Service					
Immobilizer Service			✓		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
N46 / N52 / M54 / S54					
Petrol Engine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓		
EWS					
Immobilizer	✓	✓		✓(DME/DDE Sync)	
EKPS					
Fuel-Pump Control	✓	✓			
DME adaptation, functions list: (Some functions are optional because of the default factory setting)					
Idle speed control					
Learning Valvetronic limit positions					
Minimum Stroke Adjustment					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC					
Automatic Stability Control					
Dynamic Stability Control	✓	✓			
RDC					
Tire Pressure Control	✓	✓			
ELV					
Electronic Steering	✓				
LWS					
Steering Angle	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS					
Airbag	✓	✓			
SBSL					
SRS / Airbag, B-Pillar Left	✓	✓			
SBSR					
SRS / Airbag, B-Pillar Right	✓	✓			
STVL					
SRS / Airbag, Front Left Door	✓	✓			
STVR					
SRS / Airbag, Front Right Door	✓	✓			
ACSM / MRS / SIM					
Crash Safety Module					
Multiple Restraint System					
Safety Information	✓	✓			
IKE / IKI / KOMBI					
Instrument cluster	✓	✓			
LCM / LSZ					
Light Check Module	✓	✓			
ZKE					
Central Body System	✓	✓			
CVM / CTM					
Convertible Top	✓	✓			
PDC					
Park Distance Control	✓	✓			
MFL					
Multi-functional Steering Wheel		✓			
AIC / RLS					
Rain / Light Sensor	✓	✓			
SZM					
Switching Center	✓	✓			
SBBF					
Seat occupancy, passenger	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD					
Radio	✓	✓			
BIT/TEL					
Basis-Interface Telephone	✓	✓			
BMBT					
Onboard-Monitor	✓				
DSP					
Digital Sound Processor	✓				
NAV					
Navigation	✓	✓			
NAV JAP					
Navigation JAP	✓				

SES					
Language-Input System	✓				
VIDOE GT					
Video Module, Graphics	✓				
VIDOE TV					
Video Module, TV	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR					
Regulated Heating and A/C	✓	✓			
Z3-SERIES, E36/4 1996 – 2002					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration					
Fuel Injector Adaptation					
Brake Pad Service					
Battery Service					
Immobilizer Service			✓		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME					
Petrol Engine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓		
EWS					
Immobilizer	✓	✓		✓(DME/DDE Sync)	
GR2					
Cruise Control	✓				
TOENS					
Thermal Oil Level Sensor	✓				
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)					
All adaption					
CHASSIS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
ABS / ASC / DSC					
Automatic Stability Control					
Dynamic Stability Control	✓	✓			
BODY					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
SRS					
Airbag	✓	✓			
IKE / IK1 / KOMBI					
Instrument cluster	✓	✓			
ZKE					
Central Body System	✓	✓			
CVM					
Convertible Top	✓	✓			
PDC					
Park Distance	✓	✓			
LWS					
Steering Angle	✓				
LCM / LSZ					
Light Check Module	✓	✓			
INFORMATION AND COMMUNICATION					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
RAD					
Radio	✓	✓			
BMBT					
On-Board Monitor	✓				
MID					
Multi-Information Display	✓				
IRIS					
Integrated Radio Information	✓				
AIR CONDITIONING					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
IHKA / IHKR					
Regulated Heating and A/C	✓	✓			
Z8-SERIES, E52 1999- 2003					
Practical Functions					
FUNCTION			STATUS		
Oil Reset			✓		
DPF Regeneration					
Fuel Injector Adaptation					
Brake Pad Service					
Battery Service					
Immobilizer Service			✓		
Tire Pressure Sensor Service					
DRIVE SYSTEMS					
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES
DME for S62					
Petrol Engine	✓	✓	✓	✓	
EGS					
Auto Transmission	✓	✓	✓		
EWS					
Immobilizer	✓	✓		✓(DME/DDE Sync)	
DME clear adaption / adaption, functions list: (Some functions are optional because of the default factory setting)					
All adaption					
CHASSIS					

ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES																																																																																																																					
ABS / ASC / DSC																																																																																																																										
Automatic Stability Control	✓	✓																																																																																																																								
Dynamic Stability Control	✓	✓																																																																																																																								
ELV																																																																																																																										
Electronic Steering	✓																																																																																																																									
RDC																																																																																																																										
Tyre Pressure	✓	✓																																																																																																																								
LWS / LEW																																																																																																																										
Steering Angle Sensor	✓																																																																																																																									
BODY																																																																																																																										
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES																																																																																																																					
SRS																																																																																																																										
Airbag	✓	✓																																																																																																																								
IK1 / IK1 / KOMBI	✓	✓																																																																																																																								
Instrument cluster	✓	✓																																																																																																																								
PDC																																																																																																																										
Park Distance Control	✓	✓																																																																																																																								
LCM / LM																																																																																																																										
Light Check Module	✓	✓																																																																																																																								
ZKE																																																																																																																										
Central Body System	✓	✓																																																																																																																								
CVM / CTM																																																																																																																										
Convertible Top	✓	✓																																																																																																																								
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Basis-Interface Telephone	✓	✓																																																																																																																								
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DSP																																																																																																																										
DSP-booster	✓																																																																																																																									
NAV																																																																																																																										
Navigation System	✓																																																																																																																									
NAV JAP																																																																																																																										
Navigation System, Japanese	✓																																																																																																																									
AIR CONDITIONING																																																																																																																										
ECU	READ/CLEAR CODE	DATA STREAM	CLEAR ADAPTION	ADAPTATION / SERVICE	NOTES																																																																																																																					
IHK1 / IHKR																																																																																																																										
Regulated Heating and A/C	✓	✓																																																																																																																								
CBS SERVICE RESET																																																																																																																										
<table border="1"> <thead> <tr> <th>CONTROL FUNCTION</th> <th>E60/E61</th> <th>E63/E64</th> <th>E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88</th> <th>E90/E91 /E92/E9 3</th> <th>X5-E70</th> <th>X6-E71/E72</th> <th>Z4-E89</th> <th>X1-E84</th> </tr> </thead> <tbody> <tr> <td>Engine Oil</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Spark Plugs (if fitted)</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> <td></td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Front Brakes</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Rear Brakes</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Brake Fluid</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Coolant (if fitted)</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Diesel Particle Filter (Diesel Engine Only, if fitted)</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Setting Time</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td></td> <td></td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Microfilter (if fitted)</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Vehicle Inspection</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Exhaust Emission Inspection</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Vehicle Check</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> </tbody> </table>						CONTROL FUNCTION	E60/E61	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	E90/E91 /E92/E9 3	X5-E70	X6-E71/E72	Z4-E89	X1-E84	Engine Oil	✓	✓	✓	✓	✓	✓	✓	✓	Spark Plugs (if fitted)	✓	✓	✓	✓			✓	✓	Front Brakes	✓	✓	✓	✓	✓	✓	✓	✓	Rear Brakes	✓	✓	✓	✓	✓	✓	✓	✓	Brake Fluid	✓	✓	✓	✓	✓	✓	✓	✓	Coolant (if fitted)	✓	✓	✓	✓	✓	✓	✓	✓	Diesel Particle Filter (Diesel Engine Only, if fitted)	✓	✓	✓	✓	✓	✓	✓	✓	Setting Time	✓	✓	✓	✓			✓	✓	Microfilter (if fitted)	✓	✓	✓	✓	✓	✓	✓	✓	Vehicle Inspection	✓	✓	✓	✓	✓	✓	✓	✓	Exhaust Emission Inspection	✓	✓	✓	✓	✓	✓	✓	✓	Vehicle Check	✓	✓	✓	✓	✓	✓	✓	✓
CONTROL FUNCTION	E60/E61	E63/E64	E6 5/E 66/ E6 7/E E81/E82/E87/ 68 E88	E90/E91 /E92/E9 3	X5-E70	X6-E71/E72	Z4-E89	X1-E84																																																																																																																		
Engine Oil	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Spark Plugs (if fitted)	✓	✓	✓	✓			✓	✓																																																																																																																		
Front Brakes	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Rear Brakes	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Brake Fluid	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Coolant (if fitted)	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Diesel Particle Filter (Diesel Engine Only, if fitted)	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Setting Time	✓	✓	✓	✓			✓	✓																																																																																																																		
Microfilter (if fitted)	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Vehicle Inspection	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Exhaust Emission Inspection	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
Vehicle Check	✓	✓	✓	✓	✓	✓	✓	✓																																																																																																																		
EQUIPMENT FUNCTION SETUP																																																																																																																										
FUNCTION	SERVICE			VEHICLE TYPE																																																																																																																						
Battery	1. Register battery change			E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84																																																																																																																						
	2. Evaluate battery charge state			E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84																																																																																																																						
CAS Service Functions	1. CAS reset function		3. Reset Starter lock function		E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84																																																																																																																					

	DKG transmission control adjustment DKG repair operation note Transmission adaptation Clutch adaptation Teach in valve characteristic curve Oil balancing (fluid balance compensation) Reset torque characteristic curve Parking lock hook test Parking lock function check Adjust the mechatronics data, The transmission data for the existing mechatronics is read out and stored after replacement in the new mechatronics	
SMG/DKG Transmission Control (adjustment/initialization)	Carry out flushing function	E90/E91/E92/E93
	A. SMG transmission control replacement and repair B. SMG transmission control adjustment Bleed hydraulic system Recalibration, transmission Teach in transmission Reset clutch characteristic	E60/E61/E63/E64/E90/E91/E92/E93
EGS/SMG/DKG service functions	Reset learning functions Oil Change Display and reset adaptation values Oil level adjustment	E65/E66/E68 E81/E82/E87/E88 X5-E70 X6-E71/E72 X1-E84 Z4-E89
EGS service function	Reset learning functions Display and reset adaptation values Oil level adjustment	E90/E91/E92/E93 (N55 Engine) X5-E70 (N55 Engine) X6-E71/E72 (N55 Engine)
Injector Rate Adjustment	Injector volume calibration	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84/X3-E83
Particulate Filter	1. Replacement, particulate filter 2. Regeneration, particulate filter	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/X1-E84
VTG Service Functions	1. Oil change 2. Repair 1. Calibration	X3-E83/X5-E53/E60/E61/E90/E91/E92/E93/X5-E70/X6-E71/E72/X1-E84 X5-E70(N55)/X1-E84
Exhaust-Gas Recirculation	EGR adjustment	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/X3-E83
Nitrogen Oxide Catalytic Converter	1. Regeneration, nitrogen oxide catalytic converter 2. Replacement, nitrogen oxide catalytic converter	E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93
Bleeding Coolant System	Bleeding coolant system	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
Diagnosis Module For Tank Leakage (USA only)	Diagnosis module for tank leakage (DMTL)	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84/E39/E46/E53
SCR System (USA only)	1. SCR activations and adjustments	E90/E91/E92/E93/X5-E70
CBS Functionality, Engine Oil, Disturbed	CBS functionality, engine oil, disturbed	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70
QMVH Service Functions	1. QMVH startup 2. Only perform function test 3. Replace actuator motor 4. Replace control unit 5. Replace gearbox 6. Replace gearbox + control unit 7. Action after vehicle programming	X6-E71/E72
Steering Angle	Steering angle calibration	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
AFS/AL Initialization/Adjustment	Active steering system initialization/adjustment	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72
Parking Brake Service Functions	1. Workshop mode 2. Startup 1. Execute braking-in program 1. Workshop braking-in 2. Assembly mode 3. Positioning-travel check	X5-E70/X6-E71/E72/Z4-E89 X5-E70/X6-E71/E72 E65/E66/E68
Brake Bleed Routine	Brake bleed routine	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
Dynamic Drive (ARS system) Service Functions	Learn sensor zero point Learn sensor parameters Start Startup	E60/E61/E63/E64/E65/E66/E68/X5-E70/X6-E71/E72
Electric Steering-Column Adjustment	1. Normalization 1. CIM control unit	X5-E70/X6-E71/E72 E65/E66/E68
DSC Service Functions	1. Calibration of DSC sensor 2. Calibration, DSC unit	E60/E61/E63/E64/E81/E82/E87/E88/E90/E91/E92/E93/ X5-E70/X6-E71/E72/Z4-E89/X1-E84
Electronic Height Control Service Functions	1. Ride level adjustment	E65/E66/E68/X5-E70/X6-E71/E72
Tyre Defect Indicator	Tyre defect indicator	E60/E61/E63/E64
Electronic Power Steering Service Functions	1. End stop	E81/E82/E87/E88/E90/E91/E92/E93/X1-E84/Z4-E89
Electronic Damper Control Service Functions	1. Shock absorber calibration 2. Rear axle shock absorber, 3. Control module for electronic damper control	E60/E61/E63/E64/E65/E66/E68/E90/E91/E92/E93
Tyre Pressure Control Service Functions	1. Initialisation of tyre pressure control	X5-E70/X6-E71/E72
Adaptive Drive Service Function	1. Vertical Dynamics Management function	X5-E70/ X6-E71/E72
Car Window Initialize	Window lift initialization set	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/Z4-E89
Sliding / Tilting Sunroof Initialize	Sliding / Tilting Sunroof Initialize	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/X1-E84/Z4-E89
Tailgate push button / Boot lid initialization	Tailgate push button / Boot lid initialization	X6-E71/E72
Normalization, Longitudinal Seat Adjustment	Normalization, longitudinal seat adjustment, driver's side	X5-E70/X6-E71/E72
Solar Rain / Light Fogging Sensor Initialize	Solar Rain / Light Fogging Sensor Initialize	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84/E38/E39/E46/X5-E53
Active Backrest Width, Driver's Side, Initialization	Active backrest width, driver's side, initialization	E60/E61
Active Backrest Width, Passenger's Side, Initialization	Active backrest width, passenger's side, initialization	E60/E61

Enable seat Occupancy Mat (US only)	Enable seat occupancy mat	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X3-E83/X1- E84
Remote Control / Key	1. Disable/enable	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
	2. Personalisation number	
Rear Seat Entertainment	1. Teach in radio remote control	X5-E70/X6-E71/E72
	1. Rear module emergency access	Z4-E89
Retractable Hardtop	1. Convertible top module service mode	E93
All Round View Camera	1. Calibrating and teaching system for all-round vision camera	X5-E70/X6-E71/E72
Headlight Cleaning System Service Function	1. Vent SRA	E65/E66/E68
Windscreen Wipers Service Function	1. Assembly position	E65/E66/E68
Delete Transport Mode	Delete transport mode	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1- E84/E39/E46/X5-E53/X3-E83/Z4-E85/E86
Set Transport Mode	Set transport mode	X5-E53/X3-E83/Z4-E85/E86
IHKA/ IHKR Service Functions	1. Run-in protection for A/C compressor	E60/E61/E63/E64/E65/E66/E68/E81/E82/E87/E88/E90/ E91/E92/E93/X5-E70/X6-E71/E72/Z4-E89/X1-E84
	2. Flap motors	
FKA Service Function	1. Drain/fill refrigerant circuit	E65/E66/E68