

BMW® DIAGNOSIS 1987–2010

Version: V2011.04 Date: Mar., 2011

AVAILABLE MODELS LIST

MODELS	CHASSIS TYPE
1-series	E87
3-series	E30, E36, E46, Z3, E90/E91(touring)/E92(coupé)/E93(convertible)
5-series	E28, E34, E39, E60/E61(touring), F07, F10/F11, F18
6-series	E63(coupé)/E64(convertible)
7-series	E32, E38, E65(short wheelbase)/E66(long wheelbase), F01/F02/F03/F04
8-series	E31
X-series	E84 (X1), E83 (X3), E53(X5), E70(X5), E71(X6)
Z-series	E85/E86 (Z4), E52(Z8), E89 (Z4)

* If the models are not listed here, users could select the related models.

* Coding funtions are available in iSCAN-II BMW® CODING and iSCAN-II BMW® SSS cartridge.

DRIVE, DME / DDE (Gasoline / Diesel Engine) 1987-2007 with Manul Selection

DIESEL ENGINE	YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	SERVICE FUNC	EWS SYN.	NOTES
DDE 2.1		✓	✓	✓				
DDE 2.2		✓	✓	✓				
DDE 3.0		✓	✓			Note 1		
DDE 4.0		✓	✓	✓		Note 1,4,5		
DDE 5.0		✓	✓			Note 1		
DDE 6.0		✓	✓	✓				
DDE 6.2.6		✓	✓	✓				
DDE 7.0		✓	✓	✓				
DDE 7.1		✓	✓	✓				
M51		✓						

GASOLINE ENGINE	YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	SERVICE FUNC.	EWS SYN.	NOTES
DME 1.1	87-88	✓	✓	✓				
DME 1.2	88-93	✓	✓	✓				M70 88-99/S38 91-93 M70,1~6 Cyl.
DME 1.2 Right	91-93	✓	✓	✓				M70,7~12 Cyl.
DME 1.3	88-92	✓	✓	✓				
DME 1.7	92-95	✓	✓	✓				
DME 1.7.1	94-95	✓	✓	✓				
DME 1.7.1 Right	94-95	✓	✓	✓				
DME 1.7.2	95	✓	✓	✓				
DME 1.7.3	92-95	✓	✓	✓				
DME 3.1	91-92	✓	✓	✓				
DME 3.3	93-96	✓	✓	✓			✓	
DME 3.3.1	93-95	✓	✓	✓			✓	
DME 5.2	10/95-6/99	✓	✓	✓	✓ (M44/M62)			M73,1~6 Cyl.
DME 5.2 Right	1/95-8/01	✓	✓	✓	✓ (M44/M62)			M73,7~12Cyl.

Note: 1: Idle speed control 2: CO adjustment 3: Consumption indicator 4: Compression test 5: Balance test

DRIVE, DME / DDE (Gasoline / Diesel Engine) 1987-2007 with Manul Selection (cont.)

GASOLINE ENGINE	YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	SERVICE	EWS / CAS SYN.	NOTES
DME 5.2.1	98-00	✓	✓		✓			M73,1~6 Cyl.
DME 5.2.1 Right	98-00	✓	✓		✓			M73,1~6 Cyl.
MS 40.0	91-95	✓	✓					
MS 40.1	91-95	✓	✓					
MS 41.0	95-99	✓	✓	✓	✓		✓	
MS 41.1	11/95-9/99	✓	✓	✓	✓		✓	
MS 41.2	4/96-8/00	✓	✓	✓	✓			
MS 42	6/98-10/00	✓	✓	✓	✓	Note 1	✓	
MS 43	4/00-3/03	✓	✓	✓	✓	Note 1	✓	
MS 45	4/00-3/03	✓	✓	✓	✓	Note 1		
MS S50		✓	✓		✓		✓	
MS S52	7/99-8/03	✓	✓	✓	✓			
MS S54	5/00-	✓	✓		✓			
BMS 43		✓	✓	✓	✓		✓	
BMS 46	98-00	✓	✓	✓	✓	Note 1	✓	
ME 7.2	9/98-10/02	✓	✓	✓	✓	Note 1	✓	
ME 9 N42	04/11/1	✓	✓	✓	✓	Note 1,6		
ME 9 N62		✓	✓	✓	✓	Note 1	✓	
ME 9 N62TU		✓	✓	✓	✓	Note 1,2,3	✓	
ME 9 M54		✓	✓	✓	✓		✓	
MSS65 S85		✓	✓	✓				
NSV 70 M52		✓	✓	✓				
ME 9.2 N46		✓	✓	✓	✓	Note 1,6		
ME 9 N52K for E60/E61		✓	✓	✓	✓			
ME 9 N52K for E70		✓	✓	✓	✓			

Note: DME – EWS / **DME – CAS** synchronization function, which is the models from 1995.

Note: 1: Idle speed control 2: CO adjustment 3: Consumption indicator 4: Compression test 5: Balance test 6: Learning Valvetronic limit positions

DRIVE, DME / DDE (Gasoline / Diesel Engine) 1987-2010 with Manul Selection (cont.)

GASOLINE ENGINE	YEAR	READ / CLEAR CODE	DATA STREAM	ACTIVATION	CLEAR ADAPTION	SERVICE	EWS SYN.	NOTES
ME 9.2.1 N62	9/03-9/05	✓	✓	✓	✓	Note 1,3,6	✓	
MSD80	3/07-	✓	✓	✓	✓		✓	
MSV70 N52		✓	✓	✓		Note 1,6		
MSD85		✓	✓	✓				
MSV80 N52		✓	✓	✓		Note 6		
DME 5.2.1 M62	7/97-9/98	✓	✓	✓	✓			
MED 9.2.2 N73TU	9/06~	✓	✓	✓	✓			E65 2008
ME 17.2.1 N46	3/07~	✓	✓	✓	✓	Note 6		
MSS65	9/07~	✓	✓	✓				M5,M6
ME 9.2.3 N62TU2	9/07~	✓	✓	✓	✓	Note 6		
MSS60	9/04~	✓	✓	✓				M3 coup.
MSS70	2006	✓	✓	✓				Z4 E85
ME 9.2.3 n62_tue2	9/07~	✓	✓	✓	✓	Note 6		E65 2008
DDE50 M57	4/04~9/06	✓	✓	✓				
DDE d60psa		✓	✓	✓				E60 2007
DME		✓	✓	✓				E71, 2010.04
DME		✓	✓	✓				E83/E90, 2010
DME		✓	✓	✓				X1 20d, 2010.10
DMEi N52	2010~	✓	✓	✓	✓			523i N52
DME N54	2010~	✓	✓	✓	✓			740Li N54
DME	2010~	✓	✓	✓	✓			750Li
DME N55	2010~	✓	✓	✓				535i n55
DDE	2010~	✓	✓	✓				

Note: DME – EWS / DME – CAS synchronization function, which is the models from 1995.

Note: 1: Idle speed control 2: CO adjustment 3: Consumption indicator 4: Compression test 5: Balance test 6: Learning Valvetronic limit positions

DRIVE, EGS/AGS (Transmission) 1987 – 2007 with Manul Selection

CONTROL SYSTEM	ENGINE MODEL	BODY	TRANSMISSION	READ / CLEAR CODES	DATA STREAM	ACTIVATION	CLEAR ADAPTION	SERVICE
EGS 1.2x	M30, M70	E32	4HP-22/24	✓		✓		
EGS 2.2x	M70, S70	E31, E32	4HP-24	✓	✓	✓	✓	
EGS 4.1x	M42, M43, M44, M50	E34, E36	A4S 270R/310R (THM R1)	✓	✓	✓		
EGS 7.10	M50	E34, E36	A5S 310Z (5HP-18)	✓	✓	✓	✓	
EGS 7.11	S50 US	M3	A5S 310Z (5HP-18)	✓	✓	✓	✓	
EGS 7.3	M60B30	E32, E34, E38	A5S 310Z (5HP-18)	✓	✓	✓	✓	
AGS 7.32	M60B30	E32, E34, E38	A5S 310Z (5HP-18)	✓	✓	✓	✓	
AGS 8.32	M51, M52, S52	E36, E38, E39, M3	A5S 310Z (5HP-18)	✓	✓	✓	✓	
EGS 8.34	M43, M44, M52	E36, E38, E39, Z3	A4S 270R (GMPT R1)	✓	✓	✓	✓	
EGS 8.36	M52	E36, E38, E39	A5S 310Z (5HP-18)	✓	✓	✓	✓	
AGS 8.51	M62	E38, E39	A5S 440Z (5HP-24)	✓	✓	✓	✓	
AGS 8.55	M62	E31, E38, E39	A5S 440Z (5HP-24)	✓	✓	✓	✓	
GS 8.60	M52TU	E39, E46		✓	✓	✓	✓	
AGS 8.60.2	M62	E38, E39	A5S 440Z (5HP-24)	✓	✓	✓	✓	
EGS 8.60.4		E36, E38, E39, E46		✓	✓		✓	
EGS 8.70	M52	E36, E38, E39		✓	✓	✓	✓	
EGS9	M60	E32, E34	A5S 560Z (5HP-30)	✓	✓	✓	✓	
AGS 9.22	M60	E31, E38, E39	A5S 560Z (5HP-30)	✓	✓	✓	✓	
AGS 9.22.1	M62, M73	E31, E38, E39	A5S 560Z (5HP-30)	✓	✓	✓	✓	
GS 20	M43, M52TU	E39, E46	A5S 360R (GM 5)	✓	✓	✓	✓	
SMG	S38, M52, MSS50	M3, M5		✓	✓			
SMG II		M3		✓	✓		✓	
EGS JECS (Jatco)	M50	E34, E36		✓	✓			
GS1911	N46	E90/E91		✓	✓	✓	✓	
GS19	M54	E60/E61		✓	✓	✓	✓	

DRIVE, EGS/AGS (Transmission) 1987 – 2007 with Manul Selection (continue)

CONTROL SYSTEM	ENGINE MODEL	BODY	TRANSMISSION	READ / CLEAR CODES	DATA STREAM	ACTIVATION	CLEAR ADAPTION	SERVICE
GS19	N62	E65/E66		✓	✓		✓	
GS19	N62	E63		✓	✓	✓	✓	
GS1904	N62	E53		✓	✓	✓	✓	
6HP19TU	N52K	E60/E61		✓				
6HP19TU	N52K	E70		✓	✓			
GS1911.3	N46	E90		✓	✓	✓	✓	
GS1911.3	N54	E71		✓	✓	✓	✓	
GM6	N46	E90		✓	✓	✓		
EGS from F02		F series		✓	✓		✓	
EGS from F10		F series		✓	✓	✓	✓	

DRIVE, EML (Engine Power Control / Electronic Throttle System) 1988 - 2000

CONTROL SYSTEM	ENGINE SYSTEM	ENGINE MODEL	BODY	DATA STREAM	READ CODES	CLEAR CODES
EML M70 (12 Cylinders)	M1.2, M1.7	M70B50	E32	✓	✓	✓
EML S70 (12 Cylinders)	M1.7.1	S70B50	E31, E32	✓	✓	✓
EML M30 (6 Cylinders)	M1.3	M30B35	E32	✓	✓	✓
EML IIS M73 (12 Cylinders)	M5.2.1	M73B54	E31, E38	✓	✓	✓

Note: EML systems ECU independent up to M73 Engine. Newer EML systems combined in new model Engine control systems (DME/DDE).

DRIVE RELATED 1995 - 2007

SYSTEM	BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
EWS Electronic Drive-Away Protection	EWS II – E31, E34, E36, E38, E39 EWS III – E36, E38, E39, E53 EWS III D – Z3	1995-2003 1997-2003 1999-2002	✓	✓	✓	
GR Cruise Control	E38, E39, E46, E53			✓	✓	
TOENS Thermal Oil Level Sensor	Z3	1996-2002		✓	✓	
EWA Anti-theft alarm	E65/E66		✓	✓	✓	✓
VTC1 Valvetronic 1	E65/E66 ,E63			✓	✓	
VTC 2 Valvetronic 2	E65/E66 ,E63			✓	✓	
CAS Car Access System	E87,E90/E91,E60/E61,E63,E65/E66, E70,E71,F01/F02/ F03/F04,F07, F10/F11,F18		✓	✓	✓	✓ (but E65 form 08, F series)
GWS Gear Selection Switch	E71,E70, E60/E61/E90 after 2007, F01/F02/ F03/F04,F07,F10/F11,F18		✓	✓	✓	✓
EKPS Electric Fuel Pump	E71,E70, E60/E61 after 2007, F01/F02/ F03/F04,F07,F10/F11,F18		✓	✓	✓	✓
QMVH Lateral-moment distribution, rear axle	E71		✓	✓	✓	✓

CHASSIS, ABS / ASC / DSC 1988 – 2007 with Manul Selection

SYSTEM MAKE	CONTROL SYSTEM	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
Bosch	ABS µC	✓	✓	✓	
Teves	ABS MK IV/3	✓	✓	✓	✓
Teves	ABS MK IV/G	✓	✓	✓	✓
Teves	ABS MK IV/G1	✓	✓	✓	✓
Teves	ABS MK 20-I/ERL	✓	✓	✓	✓
Bosch	ABS 5	✓	✓	✓	✓
Teves	ABS/ASC	✓	✓	✓	✓
Bosch	ABS/ASC	✓	✓	✓	✓
Teves	ABS/ASC for 4 Cylinders	✓	✓	✓	✓
Teves	ABS/ASC MK IV/3	✓	✓	✓	✓
Teves	ABS/ASC 20-I/ERL	✓	✓	✓	
Bosch	ABS/ASC 5 M51/M60/M62	✓	✓	✓	✓
Teves	ABS/ASC ITT Auto. ERL	✓	✓	✓	
Bosch	ABS/ASC 5.7	✓	✓	✓	✓
Bosch	ABS/DSC 2	✓	✓	✓	✓
Bosch	ABS/DSC 3 M62/M73	✓	✓	✓	✓
Bosch	ABS/DSC 5.0	✓	✓	✓	
Bosch	ABS/DSC 5.7	✓	✓	✓	✓
Bosch	ABS/DSC E46	✓	✓	✓	
Bosch	ABS/DSC E65/E66	✓	✓	✓	
Bosch	ABS/DSC E60/E61 before 07	✓	✓	✓	✓
Bosch	DSC E90/E91	✓	✓	✓	✓
Teves	ABS/ASC M44	✓	✓	✓	✓
Teves	DSC MK60	✓	✓	✓	✓
Bosch	DSC 8	✓	✓	✓	✓
Bosch	DSC 8PLUS	✓	✓	✓	✓
Bosch	DSC 7.0 E70/E71	✓	✓	✓	✓
Bosch	DSC EHB3 - E60	✓	✓	✓	✓
	DSC F01/F02/F03/F04,F07, F10/F11, F18	✓	✓	✓	✓

CHASSIS RELATED 1988-2007

SYSTEM	BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
EDC Electronic Damper Control	E31, E32, E38	1988-2001		✓	✓	
EDC Damper Control	E60 / E61 before 07		✓	✓	✓	✓
EHC Electronic Height Control	E39 (Wagon 99-), E53, E65/E66, E71, F01/F02/F03/F04, F07, F10/F11, F18	1999-2010	✓	✓	✓	✓
LWS/LEW Steering Angle Sensor	Z3, E38, E39, E46, E52, E53	1996-2004		✓	✓	
RDC/RDW Tire Pressure Control	E38, E39, E46, E52, E53, E71, F01/F02/F03/F04, F07, F10/F11, F18	1996-2010	✓	✓	✓	✓
ELV Electrical Steering Column Lock	Z3, E38, E39, E46, E52, E53	1996-2004		✓	✓	
AHK Active Real Axle Kinematics	E32, E34	1988-1994		✓	✓	
CIM Chassis integration module	E65/E66		✓	✓	✓	✓
AFS Active Front Steering	E60/E61 before 07, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	
EMF Electro-Mechanical parking brake	E65/E66, E71, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
AL Active steering	E63, E71		✓	✓	✓	
ARS Dynamic Drive 2	E63, E71		✓	✓	✓	✓
VTG Transfer case	E53, E71, F01/F02/F03/F04, F07, F10/F11, F18		✓ (but F series)	✓	✓	✓ (but F series)
EDCSHL Damper satellite, rear left	E70, E71, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
EDCSHR Damper satellite, rear right	E70, E71, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
EDCSVL Damper satellite, front left	E70, E71, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
EDCSVR Damper satellite, front right	E70, E71, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
VDM Vertical Dynamics Management	E71, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
ICM Integrated Chassis Management	E71, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
EPS electronic power steering	F01/F02/F03/F04, F07, F10/F11, F18	2010~	✓	✓	✓	✓

BODY, SRS (Air Bag) 1988 – 2007

BODY TYPE	AIR BAGS	CONTROL SYSTEM TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES
E30, E31, E32, E34	Driver's Air bag	5WK4 027	1988-1991		✓	✓
E31, E32, E34, E36	Driver's Air bag	5WK4 060	1991-1993		✓	✓
E31, E32, E34, E36, E38	1 or 2 Air bags	ZAE, BAE	1993-1995		✓	✓
E31, E36, E38, E39, Z3	4 or 8 Air bags	ZAE2, MRS, MRS2	1995-1999		✓	✓
E38, E39, E46, Z3	6 or 10 Air bags	MRS3	1999-2001		✓	✓
E38, E39, E46, E53	6 or 10 Air bags	MRS4	2001-2003		✓	✓
E87, E90/E91	1 or 2 Air bags	MRS5	2004-2006	✓	✓	✓
E60/E61 before 07, E85	6 or 10 Air bags	SFZ, SBSL, SBSR	2002-2004	✓	✓	✓
E65/E66, E85	8 or 10 Air bags	SASL, SASR, SBSL, SBSR, SSFA, SSBF, SSH, SFZ, STVL, STVR	2002-2004	✓	✓	✓
E63, E70, E60/E61 from 07, E71, E85/E86 from 9/05, F01/F02/F03/F04,F07,F10/F11,F18	6 or 10 Air bags	ACSM		✓ (but F series)	✓	✓

BODY, INSTRUMENT CLUSTER 1987 - 2007

BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION	OTHERS
E31, E32, E34, E36, E38, E39, E46, E52, E53, E60/E61, E63, E65/E66, E85, E87, E90/E91, Z3, E70, E71, F01/F02/F03/F04, F07, F10/F11, F18	1987 - 2010	✓	✓	✓	✓ (but F series)	Service Rest / CBS (but F series)

Service Interval Reset (Analog)

Body Type	Model Year	Oil Mileage	Inspection		
E30 (3 Series)	1988-1990	✓	✓		
E36 (3 Series)	1991-1998	✓	✓		
E34 (5 Series)	1988-1995	✓	✓		
E32 (7 Series)	1987-1994	✓	✓		
E31 (8 Series)	1990-1998	✓	✓		

Service Interval Reset (Digital)

Body	Model Year	Oil Mileage	Service Time	Service Distance	ATF Oil
E36 (3 Series)	1995-1998	✓	✓	✓	✓ (up to 1995)❶
E36/7 (Z3)	1996-2002	✓	✓	✓	
E46 (3 Series)	1999-2004	✓	✓	✓	
E34 (5 Series)	1988-1995	✓	✓	✓	✓
E39 (5 Series)	1995-2003	✓	✓	✓	
E38 (7 Series)	1994-2002	✓	✓	✓	
E52 (Z8)	2001-2003	✓	✓	✓	
E53 (X5)	2000-2004	✓	✓	✓	

❶ There is no ATF oil Reset function from Kombi E36 w/ CAN

CBS Service Reset												
Control System	Control function	E60/E61	E63	E65/E66	E87	E90/E91	E70/E71	E89	F01/F02/F03/F04	F07	F10/F11	F18
CBS RESET 1	Time Reset Service (NOTE 1)	✓	✓	✓	✓	✓						
	Engine Oil	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Spark plugs	✓	✓	✓	✓	✓	✓	✓				
	Front Brakes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Rear Brakes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Coolant	✓	✓	✓	✓	✓	✓	✓	✓			
	Diesel particle filter	✓	✓	✓	✓	✓	✓	✓				
CBS RESET 2	Brake Fluid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Microfilter	✓	✓	✓	✓	✓	✓	✓	✓			
	Vehicle Inspection	✓	✓	✓	✓	✓	✓	✓	✓			
	Exhaust Emission Inspection	✓	✓	✓	✓	✓	✓	✓	✓			
	Vehicle Check	✓	✓	✓	✓	✓	✓	✓	✓			
Check vehicle service item		✓	✓	✓	✓	✓	✓	✓				

NOTE1: E65/E66 、 E60/E61/E63 before 2007.03 、 E87/E90/E91 before 2007.09 only

BODY, ZKE (Central Body Electronics) 1988-2007

CONTROL SYSTEM	BODY TYPE	MODEL YEAR	CONTROL FUNCTION ECUS	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
ZKE1	E32	1987-1994	Wiper and washer control	✓	✓	✓	✓
	E34	1988-1995	Contact pressure control	✓	✓	✓	✓
			Head-light cleaning system (ZV)	✓	✓	✓	✓
			Door heating	✓	✓	✓	✓
			Power windows (FH)	✓	✓	✓	✓
			Sliding/tilting sunroof (SHD)	✓	✓	✓	✓
			Electronic fuse	✓	✓	✓	✓

CONTROL SYSTEM	BODY TYPE	MODEL YEAR	CONTROL FUNCTION ECUS	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
ZKE 2	E31	1990-1998	Interior lights		✓	✓	
			Wiper and washer control		✓	✓	
			ADV		✓	✓	
			SRA		✓	✓	
			Head-light cleaning system		✓	✓	
			Central locking (ZV)		✓	✓	
			Power windows (FH)		✓	✓	
			Sliding/tilting sunroof (SHD)		✓	✓	
			Door lock heating (TSH)		✓	✓	

CONTROL SYSTEM	BODY TYPE	MODEL YEAR	CONTROL FUNCTION ECUS	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
ZKE 3	E38 E39 E53	1994-2002 1995-2003 2000-2006	Base module (GM)	Door contact	✓	✓	✓
				Central locking	✓	✓	✓
				Power windows	✓	✓	✓
				Wiper	✓	✓	✓
				Anti-theft	✓	✓	✓
				Interior light	✓	✓	✓
			Driver door (FT)	✓	✓	✓	✓
			Driver memory (SM/LSM)	✓	✓	✓	✓
			Passenger memory (SM BF)	✓	✓	✓	✓
			Passenger memory rear (SM SFB)	✓	✓	✓	✓

CONTROL SYSTEM	BODY TYPE	MODEL YEAR	CONTROL FUNCTION ECUS	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
ZKE 4	E36	5/1994-1999	Central locking	✓	✓	✓	✓
	Z3	5/1997-2002	Power window	✓	✓	✓	✓
			Interior light	✓	✓	✓	✓

CONTROL SYSTEM	BODY TYPE	MODEL YEAR	CONTROL FUNCTION ECUS		DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
ZKE 5	E46	1999-2004	PM	Sunroof	✓	✓	✓	✓
	E52	2000-2003		Driver seat memory	✓	✓	✓	✓
				Passenger seat memory	✓	✓	✓	✓
				Switch block	✓	✓	✓	✓
			SA	Wiper	✓	✓	✓	✓
				Headlight cleaning	✓	✓	✓	✓
				Door locking	✓	✓	✓	✓
				Rear view mirror	✓	✓	✓	✓
				SCA truck lid	✓	✓	✓	✓
	Central locking	✓	✓	✓	✓			
	Power window	✓	✓	✓	✓			
	Anti-theft system (DWA)		✓	✓	✓	✓		

BODY RELATED 1995~2010

SYSTEM	BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
LM / LCM / LSZ Light check module	LM/LCM - E38, E39, E52, E53, E65/E66, E60/E61 LSZ – E46 LM2 – E63	9/1995-2007	✓	✓	✓	✓
FLA High Beam Assist	E63,E71,F01/F02/F03/F04,F07,F10/F11, F18		✓	✓	✓	✓
SZM/ SZL Center Console switch Center	E38, E39, E46, E60/E61, E63 SZL: E65/E66,E63,F01/F02/F03/F04,F07,F10/ F11,F18	1995-2010	✓	✓	✓	✓
XENON_L Xenon head light, Left	E38,E39, E46, E53	1999-2006	✓	✓	✓	
XENON_R Xenon head light, Right	E38, E39, E46, E53	1999-2006	✓	✓	✓	
LRA Headlight vertical aim control	E38, E39, E53		✓	✓	✓	✓
EMALI Left electronic motor reel	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	
EMARE Right electronic motor reel	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	✓
TRSVC All round view camera	E70,E71,F01/F02/F03/F04,F07,F10/F11, F18			✓	✓	
AHM TRAILER MODULE	F01/F02/F03/F04,F07,F10/F11,F18	2010~		✓	✓	
EME ELECTRICAL MACHINE ELECTRONICS	F01/F02/F03/F04,F07,F10/F11,F18	2010~		✓	✓	
FCON REAR COMPARTMENT CONTROLLER	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	✓

BODY RELATED 1995~2010 (cont.)

SYSTEM	BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
FD REAR COMPARTMENT DISPLAY	F01/F02/F03/F04,F07,F10/F11,F18	2010~		✓	✓	
FD2 REAR COMPARTMENT DISPLAY 2	F01/F02/F03/F04,F07,F10/F11,F18	2010~		✓	✓	
HSR REAR-AXLE SLIP ANGLE CONTROL	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	
ISPB Voice recognition system	F01/F02/F03/F04,F07,F10/F11,F18	2010~		✓	✓	
KAFAS CAMERA BASED DRIVER ASSIST SYSTEMS	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	
NVE NIGHT VISION ELECTRONICS	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	✓
RSE REAR SEAT ENTERTAINMENT	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	✓
SEC SUPPLEMENTARY CONTROL UNIT	F01/F02/F03/F04,F07,F10/F11,F18	2010~		✓	✓	
SMFAH SEAT MODULE, DRIVER'S SIDE REAR	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	✓
SMBFH SEAT MODULE, PASSENGER'S SIDE REAR	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	✓
SME ACCUMULATOR MANAGEMENT ELECTRONICS	F01/F02/F03/F04,F07,F10/F11,F18	2010~		✓	✓	
SWW LANE CHANGE WARNING	F01/F02/F03/F04,F07,F10/F11,F18	2010~	✓	✓	✓	

BODY RELATED 1995~2010 (cont.)

SYSTEM	BODY TYPE	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
PDC Park Distance Control	E36, Z3, E38, E39, E46, E65/E66, E60/E61, E90/E91, E63, E70, E71, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓
CVM Convertible Top	E36, Z3, E46, E85	✓	✓	✓	
AIC / RLS Rain Sensor/Rain and Light Sensor	E38, E39, E46, E52, E53, E65/E66, E60/E61, E87, E90/ E91, E63, E71	✓	✓	✓	
MFL Multi-functional Steering Wheel	E38, E39, E46, E53		✓	✓	
SHD Sunroof	E38, E39, E46, E53, E60/E61, E63, E70	✓	✓	✓	✓
SM Seat Memory	E38, E39, E46, E53	✓	✓	✓	✓
CCM Check Control Module	E38, E39, E46		✓	✓	
BSM / SMB Seat Memory, Passenger Side	E38, E39, E46, E53		✓	✓	
FBZV Remote Control for Central Lock	E38, E39, E46, E53		✓	✓	
HKM Trunk Lid Module	E38, E39, E46, E53		✓	✓	
SBE2 Seat Occupation Detection	E38, E39, E46, E53		✓	✓	
SPMBT Mirror Memory, Passenger Side	E38, E39, E46, E53		✓	✓	
SPMFT Mirror Memory, Driver Side	E38, E39, E46, E53		✓	✓	
ZUHEIZ / STH Additional Heater, Park Heating			✓	✓	
TMFAT Driver door	E65/E66, E60/E61 before 07	✓	✓	✓	✓
TMBFT Passenger door	E65/E66, E60/E61 before 07	✓	✓	✓	✓
TMFAH Driver side rear door	E65/E66	✓	✓	✓	
TMBFH Passenger side rear door	E65/E66	✓	✓	✓	

BODY RELATED 1995~2010 (cont.)

SYSTEM	BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
MPM Micro Power Control	E60/E61 before 07		✓	✓	✓	✓
KBM Body Basic Module	E60/E61,E63, E70		✓	✓	✓	✓
FRM Foot well module	E87, E90/E91, F01/F02/ F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
FZD Function Centre Roof	E87, E90/E91, E71,F01/F02/ F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
SMFA Seat Module, Driver	E60/E61, E87, E90/E91, E70,E71 ,F01/F02/ F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
SMBF Seat Module, Passenger	E60/E61before07,E71, F01/F02/ F03/F04, F07, F10/F11, F18		✓	✓	✓	✓
AHL Active HeadLight	E60/E61 before 07		✓	✓	✓	✓
KGM Body Gateway module	E63, E70, E60/E61 from 2007		✓	✓	✓	✓
SINE Siren and tilt sensor	E60/E61 before 07,E71		✓	✓	✓	
ALBFA active backrest width, driver	E60/E61 before 07		✓	✓	✓	
ALBBF active backrest width,front passenger	E60/E61 before 07		✓	✓	✓	
PM Power Module	E65/E66		✓	✓	✓	✓
HKL Rear-lid lift	E65/E66,E71, F01/F02/ F03/F04, F07, F10/F11, F18		✓	✓	✓	✓ (but F series)
WIM Wiper module	E65		✓	✓	✓	✓

INFORMATION AND COMMUNICATION

SYSTEM	BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
BIT Basis-interface Telephone	E38, E39, E46, E52, E53	1997-2004	✓	✓	✓	✓
BMBT On-board Monitor	E38, E39, E46, E53	1997-2004		✓	✓	
DSP DSP-Booster Module	E38, E39, E46, E53	1995-2004		✓	✓	
FOND_ZIS / FID Rear Multi-information Display	E38	1998-2001		✓	✓	
ZIS / MID Multi-information Display	E38, E39, E46, E53	1995-2004		✓	✓	
IRIS Integrated Radio Information System	E38, E39, E46, E53	1998-2004		✓	✓	
NAV Navigation System	E38, E39, E46, E52, E53, E60/E61 before 07	1997-2004		✓	✓	
NAV JAP Japanese Version Navigation System	E38, E39, E46, E53, E60/E61 before 07	1998-2004		✓	✓	✓
NAV Korea Korea Version Navigation System	E60/E61		✓	✓	✓	✓
RAD Radio	E38, E39, E46, E52, E53	1995-2004	✓	✓	✓	✓
RAD2 Radio	E87, E90/E91	2004-2006	✓	✓	✓	✓
VIDEO_GT Video Module Graphics Part	E38, E39, E46, E53	1998-2004		✓	✓	
VIDEO_TV / VID Video Module TV part	E38, E39, E46, E53	1998-2004		✓	✓	
SIM Safety and Information module	E60/E61 before 07, E65/E66	2002-2004	✓	✓	✓	✓
ASK Audio system	E65/E66	2002-2004	✓	✓	✓	✓
CD Control display	E65/E66	2002-2004		✓	✓	✓
CDGW Control display GW	E65/E66	2002-2004	✓	✓	✓	✓

INFORMATION AND COMMUNICATION

SYSTEM	BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
CDC CD changer	E65/E66, E60/E61, E63, E70, E71	2002-2004		✓	✓	✓
DVDC DVD changer	E65/E66, F01/F02/F03/F04, F07, F10/F11, F18	2002-2010	✓ (F series only)	✓	✓	✓
CA Comfort Access	E63, E71		✓	✓	✓	

INFORMATION AND COMMUNICATION

SYSTEM	BODY TYPE	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION	ECU RESET
CCCA CCC-A Applications	E60/E61 before 07, E71	✓	✓	✓	✓	
CCCANT CCC-ANT Antenna tuner	E60/E61, E70, E71	✓	✓	✓	✓	
CCCASK CCC-ASK Audio system controller	E60/E61, E70, E71	✓	✓	✓	✓	
CCCBO CCC-BO User Interface	E60/E61, E70, E71	✓	✓	✓	✓	
CCCGW CCC-GW Gateway	E60/E61, E70, E71	✓	✓	✓	✓	
CCCANT CCC-ANT Antenna	E60/E61 before 07		✓	✓		
CID Central Information	E60/E61, E63, E70, E71, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	✓ (but F series)
SGMSIM Safety and Gateway Module (SIM)	E60/E61 before 07	✓	✓	✓	✓	
SGMZGM Safety and Gateway Module (ZGM)	E60/E61 before 07, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓		
TCU Telematic Control	E60/E61, E70, E71, F01/F02/F03/F04, F07, F10/F11, F18	✓ (but F series)	✓ (but F series)	✓	✓ (but F series)	
CON CON control	E60/E61, E63, E70, E71, E65, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	
VM Video Module	E60/E61, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	

SYSTEM	BODY TYPE	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION	ECU RESET
MASKNAV Navigation System	E60/E61	✓	✓	✓		
MASKBO Navigation System User Interface	E60/E61,E63,E70, E71	✓	✓	✓	✓	
MASKGW Navigation System Gateway	E60/E61,E63,E70, E71	✓	✓	✓	✓	
ULF Hands Free Utility	E90,E60/E61,E63, E70	✓	✓	✓	✓	
JBE Junction Box Electronics	E87, E90/E91, E71, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓ (but F series)	
BYTEF Byte Flight	E60/E61		✓	✓		
HUD Head – Up Display	E63, E60/E61, E71, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	
AMP Amplifier	E63,E60/E61, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	
AMPH Hi-Fi amplifier	E71, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	
AMPT Top Hi-Fi amplifier	E71, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	
SDARS Satellite tuner	E71	✓	✓	✓	✓	
FRM 2 Foot well module 2	E71	✓	✓	✓	✓	
RFK Reversing camera	E71,F01/F02/F03/F04, F07, F10/F11, F18	✓ (but F series)	✓ (but F series)	✓	✓ (but F series)	
ULF_SBOX Interface box	E71	✓	✓	✓	✓	
VSW Video switch	E71, F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	
CIC/CHAMP Car information / Headunit and Multimedia	F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	
ULF_SBX_H Interface box, high version	E60	✓	✓	✓	✓	

SYSTEM	BODY TYPE	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION	ECU RESET
ZGM CENTRAL GATEWAY MODULE	F01/F02/F03/F04, F07, F10/F11, F18	✓	✓	✓	✓	

AIR CONDITIONING

SYSTEM	BODY TYPE	MODEL YEAR	DATA STREAM	READ CODES	CLEAR CODES	ACTIVATION
IHKR Automatic Heating and A/C	3 Series - E36, Z3, E46, E90/E91 5 Series - E34, E39, E60/E61 8 Series - E31 X5 (E53)	1987-2006	✓	✓	✓	✓
IHKA Regulated Heating and A/C	1 Series - E87 3 Series - E36, E46 5 Series - E34, E39, E60/E61 6 Series - E63 7 Series - E32, E38, E65/E66 8 Series - E31 X5 - E53, E70, E71, F01/F02/F03/F04, F07, F10/F11, F18	1987-2010	✓	✓	✓	✓
IHKA Regulated Heating and A/C	X3 (E83) Z4 (E85)	2003-2004		✓	✓	
IHKS Standard Heating and A/C	E36/5 (ti), Z3, Z8	1991-2003	✓	✓	✓	
FGB Rear Compartment Blower	E38	1995-2001		✓	✓	
FKA Rear heater/air conditioning	E65/E66, E71, F01/F02/F03/F04, F07, F10/F11, F18		✓	✓	✓	✓

Equipment Function Setup

FUNCTION	BODY TYPE	Adaptation
Car window initialize	E60/E61,E63,E65/E66,E70, E71,E87,E90/E91,F01/F02/F03/F04,F07,F10,F11,F18	✓
sliding/tilting sunroof initialize	E60/E61,E63,E65/E66,E70, E71,E87,E90/E91,F01/F02/F03/F04,F07,F10,F11,F18	✓
Register battery change	E60/E61,E63,E65/E66,E70, E71,E87,E90/E91,F01/F02/F03/F04,F07,F10,F11,F18	✓
Steering angle	E60/E61,E63,E65/E66,E70, E71,E87,E90/ E91	✓
AFS initialization/adjustment	E60/E61,E63,E70, E71,E87,E90/ E91	✓
Boot lid initialization	F01/F02/F04,F07	✓
Normalization, longitudinal seat adjustment	F01/F02/F04,F07,F10,F11	✓
Delete transport mode	E60/E61,E63,E65/E66,E70, E71,E87,E90/E91	✓

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