

VeDiS-EURO

8 in 1

For **BMW**
Mercedes-Benz
AUDI
VW
SEAT
SKODA
VOLVO
OBD-II

Specifications

Version 1.51G

April 2003

AUTOLAND
S C I E N T E C H

VeDiS-EURO

BMW

DME/DDE (Gasoline/Diesel Engine) 1987-2001

Engine Control System	Engine Model	Read Code	Clear Code	Data Stream	Data Scan Waveform	Activation	Clear Adaptation	EWS Synchronization	Coding / Programming
DME 1.1	M20, M30	✓	✓	✓		✓			
DME 1.2	S38, M70	✓	✓	✓		✓			
DME 1.3	M20, M30, M40	✓	✓	✓		✓			
DME 1.7	M40, M42, M70, S70	✓	✓	✓		✓			
DME 1.7.1	M70, S70	✓	✓	✓		✓			
DME 1.7.2	M43	✓	✓	✓		✓			
DME 3.1	M50	✓	✓	✓		✓			
DME 3.3	S38, S50, M60, M60/1	✓	✓	✓		✓			
DME 3.3.1	M50(VANOS)	✓	✓	✓		✓			
DME 5.2	M44, M62, M73	✓	✓	✓		✓			
DME 5.2.1	M73	✓	✓	✓					
MS 40.0	M50(VANOS)	✓	✓	✓					
MS 40.1	M50(VANOS)	✓	✓	✓					
MS 41.0	M52	✓	✓	✓		✓			
MS 41.1	M52	✓	✓	✓		✓			
MS S50	S50	✓	✓	✓					
MS 42.0	M52TU	✓	✓	✓		✓			

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BMS 43	M43	✓	✓	✓		✓		
BMS 46	M43	✓	✓	✓		✓		
ME 7.2	M62TU	✓	✓	✓		✓		
Diesel Engine								
DDE 2.1	M41, M51	✓	✓	✓		✓		
DDE 2.2	M51	✓	✓					

EML (Electronic Throttle Control) 1988-2000

Control System	Engine Control System	Engine Model	Body	Data Stream	Read Codes	Clear Codes
EML M70 (12 Cylinders)	M1.2, M1.7	M70B50 Engine	E32	✓	✓	✓
EML S70 (12 Cylinders)	M1.7.1	S70B50 Engine	E31/E32	✓	✓	✓
EML M30 (6 Cylinders)	M1.3	M30B35 Engine	E32	✓	✓	✓
EML IIS M73 (12 Cylinders)	M5.2.1	M73B54 Engine	E31/E38	✓	✓	✓

EGS/AGS (Transmission) 1986 - 200

Control System	Engine Model	Body	Transmission	Read Codes	Clear Codes	Data Stream	Activation	Clear Adaptation
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 8.70	M52	E36, E38, E39		✓	✓	✓	✓	
EGS 9.2	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		✓	✓	✓		
EGS JECS (Jatco)	M50	E34, E36		✓	✓	✓		

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ABS - Anti-lock Brake System

ASC - Acceleration Slip Control / Automatic Stability Control

DSC - Dynamic Stability Control

1988 - 2001

System Make	Control System	Data Stream	Read Codes	Clear Codes	Activation
Bosch	ABS μ C		✓	✓	
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 with 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 E46		✓	✓	

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SRS (Air Bag) 1988 - 2001

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	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		✓	✓

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Available tests on systems supporting DIGITAL protocol

SYSTEM	Model Year	Data Stream	Read Codes		Clear Codes	Activation	Programming Resetting	Coding
			Active	Stored				
DRIVETRAIN								
Gasoline Engine								
LH-SFI Right Bank (104/119/120 Engine, L6/V8/V12)	1991 – 1995	✓	✓	✓	✓	✓		
LH-SFI Left Bank (120 Engine, V12)	1991 – 1995	✓	✓	✓	✓	✓		
HFM-SFI (111/104 Engine, L4/L6)	1991 – 1999	✓	✓	✓	✓	✓		
PMS/PEC (111 Engine, L4)	1993 – 1996	✓	✓	✓	✓			
ME 1.0 Right Bank (120 Engine, V12)	1996 – 1999	✓	✓	✓	✓	✓		
ME 1.0 Left Bank (120 Engine, V12)	1996 – 1999	✓	✓	✓	✓	✓		
ME 1.0 (119 Engine, V8)	1996 – 1999	✓	✓	✓	✓	✓		
ME 2.0 (111/112/113 Engine, L4/V6/V8)	1996 – 05/2000	✓	✓	✓	✓	✓		
ME 2.1 (111/104 Engine, L4/V8)	1996 – 05/2000	✓	✓	✓	✓	✓		
ME 2.7 (137 Engine, V12)	2000 – 2002	✓	✓	✓	✓			
ME 2.8 (112/113 Engine, V6/V8)	06/2000-2002	✓	✓	✓	✓			
SIM4 LE (111 Compressor EVO Engine, L4)	06/2000-2002	✓	✓	✓	✓			
EA/CC/ISC (with LH-SFI/HFM-SFI)	1991 – 1996	✓	✓	✓	✓			
BM	1991 – 1996	✓	✓	✓	✓			
DM	1991 – 1996	✓	✓	✓	✓			

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Diesel Engine

IFI	1995 – 1999	✓	✓	✓	✓			
CR		✓	✓	✓	✓			
CDI 2	2000 – 2001	✓	✓	✓	✓			

CHASSIS		Data Stream	Read Codes		Clear Codes	Activation	Prog./Adap. Resetting	Coding
			Active	Stored				
ETC (722.5) 5-Speed Automatic Transmission	1991 – 1995	✓	✓	✓	✓	✓		
ETC (722.6) 5-Speed Automatic Transmission	1996 – 2002	✓	✓	✓	✓	✓ (except 2001~)		
ABS	1991 – 2002		✓	✓	✓			
ASR	1993 – 1999		✓	✓	✓			
ETS	1993 – 1999		✓	✓	✓			
ESP	1995 – 2002		✓	✓	✓			
BAS	1996 – 2002		✓	✓	✓			

Body		Data Stream	Read Codes		Clear Codes	Activation	Prog./Adap. Resetting	Coding
			Active	Stored				
SRS	1993 – 2002		✓	N/A	✓			

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Available tests on systems supporting ANALOG protocol 1987 – 1995

Systems	Model Year	Read Stored Codes	Clear Stored Codes
ENGINE			
ELR (Diesel injection system – Electronic idle speed control system)	1989	✓	✓
EDS (Electronic Diesel System)	1990 – 1993	✓	✓
CIS-E (Continuous fuel Injection System /CFI)	1987 – 1992	✓	✓
BM/GM (Base Module)	1992 – 1993 ①	✓	✓
DI (Distributor Ignition)	1991 – 1993	✓	✓
EA/CC/ISC (Electronic Accelerator/Cruise control/Idle Speed Control)	1990 – 1995 ②	✓	✓
CHASSIS			
ETC (5 Speed Automatic Transmission)	1990 – 1993 ①	✓	✓
ABS (Anti-lock Brake System)	1992 – 1995 ②	✓	✓
ASR (Acceleration Slip Regulation)	1992 – 1995 ②	✓	✓
ETS (Electronic Traction System)	1992 – 1995 ②	✓	✓
BODY			
SRS (Air Bag)	1988 – 1995	✓	✓

Note:

① On some models, this system may be supported up to 1995.

② On some models after 1993, you may not be able to access impulse fault codes through the control unit

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AUDI

Model Year: 1988 – 2002

SYSTEMS	Data Stream	Read / Clear Fault Codes	Basic Setting	Adaptation	Activation	Signal Data Read	Login ECU	Coding ECU	ECU ID
Engine									
Gasoline Engine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diesel Engine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transmission									
Auto. Transmission	✓	✓	✓		✓	✓	✓	✓	✓
Chassis									
ABS (ABS 3 & later)	✓	✓				✓	✓	✓	✓
Traction Control (ESP)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Body									
SRS (SRS 2 and later)	✓	✓				✓	✓	✓	✓
Cabriolet SRS	✓	✓				✓	✓	✓	✓

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VW

Model Year: 1988 – 2002

SYSTEMS	Data Stream	Read / Clear Fault Codes	Basic Setting	Adaptation	Activation	Signal Data Read	Login ECU	Coding ECU	ECU ID
Engine									
Gasoline Engine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diesel Engine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transmission									
Auto. Transmission	✓	✓	✓		✓	✓	✓	✓	✓
Chassis									
ABS (ABS 3 & later)	✓	✓				✓	✓	✓	✓
Traction Control (ESP)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Body									
SRS (SRS 2 and later)	✓	✓				✓	✓	✓	✓
Cabriolet SRS	✓	✓				✓	✓	✓	✓

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SEAT

Model Year: 1988 – 2002

SYSTEMS	Data Stream	Read / Clear Fault Codes	Basic Setting	Adaptation	Activation	Signal Data Read	Login ECU	Coding ECU	ECU ID
Engine									
Gasoline Engine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diesel Engine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transmission									
Auto. Transmission	✓	✓	✓		✓	✓	✓	✓	✓
Chassis									
ABS (ABS 3 & later)	✓	✓				✓	✓	✓	✓
Traction Control (ESP)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Body									
SRS (SRS 2 and later)	✓	✓				✓	✓	✓	✓
Cabriolet SRS	✓	✓				✓	✓	✓	✓

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SKODA

Model Year: 1988 – 2002

SYSTEMS	Data Stream	Read / Clear Fault Codes	Basic Setting	Adaptation	Activation	Signal Data Read	Login ECU	Coding ECU	ECU ID
Engine									
Gasoline Engine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Diesel Engine	✓	✓	✓	✓	✓	✓	✓	✓	✓
Transmission									
Auto. Transmission	✓	✓	✓		✓	✓	✓	✓	✓
Chassis									
ABS (ABS 3 & later)	✓	✓				✓	✓	✓	✓
Traction Control (ESP)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Body									
SRS (SRS 2 and later)	✓	✓				✓	✓	✓	✓
Cabriolet SRS	✓	✓				✓	✓	✓	✓

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VOLVO

Series	System	Version	Read Codes	Clear Codes	Data Stream	Activation	Coding
<i>200 Series</i>	Engine	Fuel - LH 2.4	✓	✓			
		Fuel - LH 3.1	✓	✓			
		Ignition - EZ 116K	✓	✓			
<i>400 Series</i>	Engine	Fenix 3B	✓	✓			
	Brakes	ABS	✓	✓			
	Body	Air Bag	✓	✓			
<i>700 Series</i>	Engine	Fuel - LH 2.4	✓	✓			
		REGINA	✓	✓			
		Ignition - EZ 116K	✓	✓			
		Ignition - REX-I	✓	✓			
		Turbo Control	✓	✓			
	Brakes	ABS	✓	✓			

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Series	System	Version	Read Codes	Clear Codes	Data Stream	Activation	Coding
<i>800 Series (before 1996)</i>	Engine	Fuel - LH 3.2	✓	✓			
		Ignition - EZ 129K	✓	✓			
		Fenix 5.2	✓	✓			
		Motronic 4.3	✓	✓			
	Transmission	AW 50-42	✓	✓			
	Brakes	ABS	✓	✓			
	Body	Air Bag 2.2/2.3	✓	✓			
<i>800 Series (after 1996)</i>	Engine	Motronic 4.3	✓	✓			
		Motronic 4.4	✓	✓	✓		
		Diesel MSA 15.7	✓	✓	✓		
	Transmission	AW 50-42	✓	✓	✓		
		AW 50-42 TDI	✓	✓	✓		
	Brakes	ABS	✓	✓			
	Body	Airbag 6.2	✓	✓			

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Series	System	Version	Read Codes	Clear Codes	Data Stream	Activation	Coding
<i>900 Series (before 1996)</i>	Engine	Fuel - LH 2.4	✓	✓			
		Ignition - EZ 116K	✓	✓			
		REGINA	✓	✓			
		REX-I	✓	✓			
		Motronic 1.8	✓	✓			
		Turbo Control	✓	✓			
	Transmission	AW 30-40	✓	✓			
		AW 30-43	✓	✓			
	Brakes	ABS	✓	✓			
	Body	Airbag 2.2/2.3	✓	✓			
<i>900/S90/V90 Series (after 1996)</i>	Engine	Fuel - LH 2.4 (940)	✓	✓			
		Ignition - EZ 116K (940)	✓	✓			
		Motronic 4.4	✓	✓	✓		
	Transmission	AW 30-40/30-43	✓	✓	✓		
	Brakes	ABS	✓	✓			
	Body	Airbag 6.2	✓	✓			
<i>S70/V70</i>	Engine	Motronic 4.4	✓	✓	✓		
		DSA	✓	✓	✓		
	Transmission	AW 50-42	✓	✓	✓		
	Brakes	ABS	✓	✓			
	Body	Airbag 6.2	✓	✓			