





**Mercedes Benz V44.80 Diagnostics List (Note:For reference only)**

Vehicle Information			System													
YEARS	MODEL	CHASSIS	ENG TYPE	ENGINE	TRANS	ABS/ESP	Airmatic	TPM/TPC	AB	ICM	XENON LIGHTS	SEAT MODULES	DOOR MODULES	AAC	PTS	ASSYST
2009-2009	E-CLASS	WDDH/W212	ME97 AMG						CD	CD	CD		CD		CD	
			MED97													
			CDI6													
			CDI60LS													
2010-2011	E-CLASS	WDDH/W212	SIM271KECNG						CD	CD	CD		CD		CD	
			SIM271DE20													
			ME97													
			ME97 AMG													
			MED97													
			CDI6													
			CDI60LS													
2009-2011	E-CLASS	WDDK/W207	SIM271DE20						CD	CD	CD		CD		CD	
			ME97													
			CDI6													
1991-2001	G-CLASS	W461	CDI2	CDTS14	CDT	CDTS26			CD	CDT				CDT		
			CDI4	CDTS16												

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1990-2010	G-CLASS	WDCY/W463	ME2	CDTS11	CD	CDTS27			CDT	CD	CDTS31		CDTS	CDTS	CDTS33		
			MESFI2.8	CDTS7													
			CDI-V1	C													
			CDI2	CDTS14													
			CDI4	CDTS16													
			IFI	CD													
2007-2010	GL-CLASS	WDCB/W164	ME9.7	CDTS8	CD	CDTS25		C	CDT	CD	CDT		CDTS	CDTS	CDTS33	CDS	CDS31
			CDI4	CDTS16													
			CDI6	CDTS18													
			CDI6BIN5EU6														
			CDI5	CDTS17													
			CDI6OLS														
2010-2011	GLK-CLASS	WDCG/W204	ME97						CD	CD							
			CDI6														
1998-2005	M-CLASS	4JGA/W163	ME2	CDTS11	CDT	CDTS26			CDT	CD	CDTS32		C		CDT	CDT	
			CDI2	CDTS14													
			CDI-V1	C													
2006-2010	M-CLASS	4JGB/W164	ME9.7	CDTS8	CD	CDTS25		C	CDT	CD	CDT		CDTS	CDTS	CDTS33	CDS	CDS31
			MESFI 17.7														
			MESFI2.8	CDTS7													
			ME9.7 (AMG)	CDTS10													
			CDI4	CDTS16													
			CDI6EU5														
			CDI6	CDTS18													
			CDI6BIN5EU6														
CDI5	CDTS17																
1996-2011	Maybach	WDBV/W240	MESFI2.7.1	CDTS5	CDT	CDTS26	CDS30	CDT	CD	CDTS31		CDTS	CDTS	CDTS33	CDTS		
			ME2.7.2	CDTS6													
1980-1990	S-CLASS	WDBC/W126							CD								
1991-1998	S-CLASS	WDBG/W140	HFM	CD		CDT			CD	CDTS31	CD				CDT	CDT	
			ME2	CD													
			ME1RE	CDTS12													
			ME1LI	CDTS13													
			ERE	CDTS21													
1999-2002	S-CLASS	WDBN/W220	ME2	CDTS3	CDTS23	CDTS27	CDTS36		CD	CDTS32		C	C	CDT	CDT		
			MESFI2.7	CDTS4													
			CDI2	CDTS14													
			CDI-V1	C													
2002-2005	S-CLASS	WDBN/W220	MESFI2.8	CDTS7	CDTS23	CDTS27	CDTS36		CD	CDTS32		C	C	CDT	CDT		
			MESFI2.7.1	CDTS5													

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YEARS	MODEL	CHASSIS	ENG TYPE	ENGINE	TRANS	ABS/ESP	Airmatic	TPM/TPC	AB	ICM	XENON LIGHTS	SEAT MODULES	DOOR MODULES	AAC	PTS	ASSYST	
2002-2005	S-CLASS	WDDN/W220	CDI3	CDTS15	CDTS22	CDTS25	CDTS29	CDT	CD	CDTS32				CDT	CDT		
			CDI-V1	C													
2006-2010	S-CLASS	WDDN/W221	ME9.7	CDTS8	CDTS22	CDTS25	CDTS29	CDT	CD	CD	CDT	CDTS	CDT	CDTS33	CDTS	CDS31	
			ME9.7 (AMG)	CDTS10													
			ME2.7.2	CDTS6													
			MED17.7														
			MESFI 17.7														
			CDI5	CDTS17													
CDI60LS																	
1980-1988	SL-CLASS	WDBB/W107							CD								
1989-2002	SL-CLASS	WDBF/W129	HFM	CD						CD	CDTS32				CDT		
			ME2	CDTS11													
			ME1RE	CDTS12													
			ME1LI	CDTS13													
			LH1	CD													
			LH2	CD													
ME1-SFI	CD																
2002-2003	SL-CLASS	WDDB/W230	MESFI2.8	CDTS7	CDT	CDTS26	CDTS36	CDT	CD	CDTS32		CDTS	C	CDT	CDT		
2003-2010	SL-CLASS	WDDB/W230	MESFI2.8	CDTS7	CD	CDT	CDTS36		CD	CDTS31		CDTS	C	CDT	CDT		
			ME9.7	CDTS8													
			MESFI2.7.1	CDTS5													
			ME2.7.2	CDTS6													
1998-2005	SLK-CLASS	WDBK/W170	ME2	CDTS11	CDTS23	CDTS26			CD	CDTS32				CDT			
			MESFI	CDTS2													
2006-2009	SLK-CLASS	WDBW/W171	MESFI	CDTS2	CDTS22	CDTS25			CDT	CD	CDT		CDTS	CDT	CDTS33	CDTS	CDS31
			ME9.7	CDTS8													
			MESFI2.8	CD													
2009-2011	SLK-CLASS	W172	SIM271DE20						CD	CD	CD		CD		CD		
			MED177														
2005-2009	SLR-CLASS	WDDA/W199	MESFI2.8	CD	CDT	CDTS26			CD	CDTS32			C	CDT			
2009-2011	SLS-CLASS	W197	ME97 AMG						CD	CD			CD		CD		
			SIM271DE20														
			ME97														
			CDI6														
2006-2010	R-CLASS	WDCC/W251	ME9.7	CDTS8	CD	CDTS25	CDTS30	CDT	CD	CDT		CDTS	CDTS	CDTS33	CDS	CDS31	
			MESFI2.8	CDTS7													
			ME9.7 (AMG)	CDTS10													
			CDI60LS														
			CDI6	CDTS18													
CDI4	CDTS16																

## Mercedes Benz V44.80 Diagnostics List (Note: For reference only)

### Notes (说明)

#### Abbreviations for function (功能缩写)

Abbreviations for function (功能缩写)	Full name for function	功能全称
C	DTC	读取和清除故障码
D	Data Display	读数据流
T	Actuation Test	动作测试
S	Indicates special function present, but detail items are not listed	表示有特殊功能, 没有列出具体的项数
SX(X represents a number) (X表示数字)	Indicates special function present, and detail items are listed	表示有特殊功能, 且列出了具体的项数

#### Abbreviations for system (系统缩写)

Abbreviations for system (系统缩写)	Full name for system	系统全称
ECM	Engine control monolith	发动机控制模块
ME-SFI	Motor electronics	ME-SFI-电控马达
CDI	Common Rail Diesel Injection	共轨柴油喷射
TPM/TPC	Tire pressure monitor	轮胎压力监控
Transmission	Transmission	变速器
ABS/ESP/ABR	Traction systems ABS, ASR, ETS, ESP	牵引力控制系统ABS, ASR, ETS, ESP
Airmatic	Airmatic	空气悬挂
AB	Airbag	气囊
XENON LIGHTS	Xenon headlamp	氙气大灯
ICM	Instrument cluster	ICM-带有保养时间显示的仪表盘
PTS	Parktronic system	泊车辅助系统
ASSYST	Active Service System	自动保养系统
SEAT MODULES	SEAT MODULES	座椅模块
DOOR MODULES	DOOR MODULES	车门模块
AAC	Automatic air conditioning	自动空调

## Mercedes Benz V44.80 Diagnostics List (Note:For reference only)

### Notes to the abbreviated function

C	DTC
D	Data Display
T	Actuation Test
S	Indicates special function present, but detail items are not listed
S(X)	Indicates special function present, and detail items are listed

### ENGINE

#### ECM

<b>S1</b>	Ignition
<b>S1</b>	Fuel quantity
<b>S1</b>	Idle speed selector lever P/N and manual transmission in Neutral
<b>S1</b>	Idle speed selector lever Driver position
<b>S1</b>	CO setting for models without TWC
<b>S1</b>	Boot strapping

#### MESFI

<b>S2</b>	Learning of the throttle valve stop
<b>S2</b>	Resetting of sensor adaptation
<b>S2</b>	Ignition
<b>S2</b>	Fuel quantity
<b>S2</b>	Idle speed selector lever P/N and manual transmission in Neutral
<b>S2</b>	Idle speed selector lever Driver position

## Mercedes Benz V44.80 Diagnostics List (Note:For reference only)

### ME2 (DAS)

- S3 Teach in of drive authorization system
- S3 Default initialization
- S3 Ignition
- S3 Fuel quantity
- S3 Idling specified speed with selector lever in position P or N
- S3 Idling specified speed with gear engaged

### MESFI2.7

- S4 Default initialization
- S4 Ignition
- S4 Fuel quantity
- S4 Idling specified speed with selector lever in position P or N
- S4 Idling specified speed with gear engaged
- S4 CO setting for vehicles without TWC

### MESFI2.7.1

- S5 Default initialization
- S5 Ignition
- S5 Fuel quantity
- S5 Idling specified speed with selector lever in position P or N
- S5 Idling specified speed with gear engaged
- S5 CO setting for vehicles without TWC

### ME2.7.2

- S6 Activate fuel pump
- S6 Resetting of mixture adaptation
- S6 Idling specified speed with gear engaged
- S6 CO setting for vehicles without TWC

## Mercedes Benz V44.80 Diagnostics List (Note:For reference only)

### MESFI2.8

- S7 Teach in of drive authorization system
- S7 Resetting of mixture adaptation
- S7 Ignition
- S7 Fuel quantity
- S7 Idling specified speed with selector lever in position P or N
- S7 Idling specified speed with gear engaged

### ME9.7

- S8 Learning of the throttle valve stop
- S8 Resetting of adaptation data
- S8 ignition
- S8 Fuel quantity
- S8 Idling specified speed with selector lever in position P or N
- S8 Idling specified speed with gear engaged

### MED 9.7

- S9 Learning of the throttle valve stop
- S9 Resetting of adaptation data
- S9 Fuel quantity
- S9 Idling specified speed with selector lever in position P or N
- S9 Idling specified speed with gear engaged

## Mercedes Benz V44.80 Diagnostics List (Note:For reference only)

### ME9.7 (AMG)

- S10** Learning of the throttle valve stop
- S10** Resetting of adaptation data
- S10** ignition
- S10** Fuel quantity
- S10** Idling specified speed with selector lever in position P or N
- S10** Idling specified speed with gear engaged

### ME2 (HHT)

- S11** Ignition
- S11** Fuel quantity
- S11** Idling speed Selector lever P/N
- S11** Idling speed Selector lever Drive position
- S11** CO setting for models without TWC
- S11** Self-adaptation

### ME1RE

- S12** Ignition
- S12** Fuel quantity
- S12** Idling speed Selector lever P/N
- S12** Idling speed Selector lever Drive position
- S12** CO setting for models without CAT
- S12** Self-adaptation

## Mercedes Benz V44.80 Diagnostics List (Note:For reference only)

### ME11I

- S13** Ignition
- S13** Fuel quantity
- S13** CO setting for models without CAT
- S13** Self-adaptation

### MESFI(169)

- S34** Activate fuel pump
- S34** Learning of the throttle valve stop
- S34** Resetting of mixture adaptation
- S34** Ignition
- S34** Fuel quantity
- S34** Idle speed set value
- S34** Electric suction fan for engine or air conditioning

## Mercedes Benz V44.80 Diagnostics List (Note:For reference only)

### MESFI (204)

- S35** Activate fuel pump
- S35** Learning of the throttle valve stop
- S35** Learning of the recirculated air flap stop
- S35** Resetting of sensor adaptation
- S35** Sensor rotor adaptation
- S35** Ignition
- S35** Fuel quantity
- S35** Idling specified speed with selector lever in position P or N
- S35** Idling specified speed with gear engaged

### CDI2

- S14** Drive authorization
- S14** Read coding and change if necessary.
- S14** Injector classification / Injector shutoff

### CDI3

- S15** Read coding and change if necessary
- S15** Display of coding data
- S15** Adjustment of injector injection quantities
- S15** Reset quantity mean value adaptation data
- S15** Teaching in the diesel particulate filter after replacing the engine control unit

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### CDI4

- S16** Read coding and change if necessary
- S16** Display of coding data
- S16** Reset quantity mean value adaptation data
- S16** Learning of the throttle valve stop
- S16** Resetting air filter learned values after air filter replacement

### CDI5

- S17** Reset quantity mean value adaptation data
- S17** Adjustment of injector injection quantities
- S17** Resetting air filter learned values after air filter replacement

### CDI6

- S18** Adjustment of injector injection quantities
- S18** Reset quantity mean value adaptation data
- S18** Learning of the throttle valve stop
- S18** Activate fuel pump

### CDI A1

- S19** Adjustment of injector injection quantities
- S19** Reset quantity mean value adaptation data
- S19** Regeneration of diesel particulate filter when driving

## Mercedes Benz V44.80 Diagnostics List (Note:For reference only)

### CDID

- S20** Adjustment of injector injection quantities
- S20** Regeneration of diesel particulate filter when driving
- S20** Replace component Diesel particulate filter
- S20** Learning of the throttle valve stop
- S20** Resetting the lambda values

### ERE

- S21** Variant coding

### Transmission (CAN)

- S22** Definition
- S22** Assignment of hydraulic shift elements
- S22** Important information on adaptation limit values
- S22** Important information on the combination possibilities for adaptation end stop values

### Transmission

- S23** Resetting of adaptation data
- S24** Control module data
- S24** Reset teach-in byte for the air conditioning or automatic heater

### ABS/ESP/ABR (CAN)

- S25** Road test
- S25** Tire pressure loss warner (Activating)

## Mercedes Benz V44.80 Diagnostics List (Note:For reference only)

### ABS/ESP/ABR

- S26** Initial startup
- S26** Road test
- S27** Learning process
- S28** Bleeding brake system

### Airmatic (CAN)

- S29** Level calibration
- S30** Initial startup with manual settings input for new control unit/Level calibration
- S30** Pneumatic test of component A9/1 (AIRmatic compressor unit)

### Suspension/ABC

- S36** 1 level calibration
- S36** 1 pneumatic inspection

### ICM(CAN)

- S31** Distance unit
- S31** Temperature unit
- S31** Language
- S31** Time format
- S31** ASSYST settings

### ICM

- S32** Oil change

### AAC(CAN)

- S33** Read coding and change if necessary
- S33** Teach-in of actuator motors after actuator motor replacement