

Mercedes Benz V48.30 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
ALL	C-CLASS	WDDG/204	MED177	CDTS43	CDS74	CDTS25	CDTS74	CDTS37	CDS74	CDTS31S2	CDTS74	CDTS74	CDT	CDTS47	CDTS	
			CDID2	CDTS48												
			FSCU_EC	CD												
			SIM271DE20	CDTS56												
			ME97 AMG-M156	CDTS40												
			MED40	CDTS55												
Up to 08/2002	CL-CLASS	WDBP/215	ME2	CDTS3	CDTS23	CDTS27	CDTS36	CDTS38	CD	CDTS32		CDTS66	C	CDTS	CDTS	
			MESFI2.7	CDTS4												
As of 09/2002	CL-CLASS	WDBP/215	MESFI2.8	CDTS7	CDS23	CDTS27	CDTS36	CDTS38	CD	CDTS32		CDTS66	C	CDT	CDTS	
			MESFI2.7.1	CDTS5												
ALL	CL-CLASS	WDDE/216	ME9.7	CDTS8	CDS74	CDTS25	CDTS30	CDTS37	CDS74	CDS74	CDTS74	CDTS	CDT	CDTS33	CDTS	CDS31
			MED17.7													
			ME2.7.2	CDTS6												
			ME9.7 (AMG)	CDTS10												
ALL	CLK-CLASS	WDBL/208	ME2	CDTS11	CDTS74	CDT			CD	CDTS32		C	C	CDTS	CDTS	
			MESFI	CDTS2												
Up to 03/2004	CLK-CLASS	WDBT/209	MESFI	CDTS2	CDTS74	CDTS26			CDT	CD	CDTS32		CDTS	CDTS	CDTS	CDTS
			MESFI2.8	CDTS7												
			CDI2	CDTS14												
As of 04/2004	CLK-CLASS	WDBT/209	MESFI	CDTS2	CDS74	CDTS25		CDTS37	CD	CDTS31		CDTS74	CDTS	CDTS33	CDTS	
			MESFI2.8	CDTS7												
			ME9.7	CDTS8												
			ME9.7 (AMG)	CDTS10												
			CDI2	CDTS14												
			CDI3	CDTS15												
CDI4	CDTS16															
Up to 05/2005	CLS-CLASS	WDDD/219	ME9.7	CDTS8	CDS74	CDTS25	CDS30	CDTS37	CD	CDTS31		CDTS74	CDTS	CDTS33	CDTS	CDS31
			MED 9.7	CDTS9												
			MESFI2.8	CDTS7												
			ME9.7 (AMG)	CDTS10												
06/2005-05/2006	CLS-CLASS	WDDD/219	ME9.7	CDTS8	CDS74	CDTS25	CDS30	CDTS37	CD	CDTS31		CDTS74	CDTS	CDTS33	CDTS	CDS31
			MED 9.7	CDTS9												
			MESFI2.8	CDTS7												
			ME9.7 (AMG)	CDTS10												
			CDI4	CDTS16												
As of 06/2006	CLS-CLASS	WDDD/219	ME9.7	CDTS8	CDS74	CDTS25	CDS30	CDTS37	CD	CDTS31		CDTS74	CDTS	CDTS33	CDTS	CDS31
			MED 9.7	CDTS9												
			MESFI2.8	CDTS7												
			ME9.7 (AMG)	CDTS10												
			CDI4	CDTS16												
ALL	CLS-CLASS	218	MED177	CD	CDS74	CDTS69	CDTS74	CDTS52	CD	CDS32	CDTS74	CDTS54	CDTS	CDTS47	CD	
			CDID3	CDTS49												
			MED177-M278	CDTS43												
			MED177-M276	CDTS43												
			CDI60LS	CDTS50												

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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		
ALL	E-CLASS	WDBE/124	HFM	CD					CD									
			LH1	CD														
			LH2	CD														
Up to 02/97	E-CLASS	WDBJ/210	ME2	CDTS11	CDTS23	CDT		CDT	CDTS57	CDTS32		C	C	CDTS	CDTS			
			MESFI	CDTS2														
			ERE	CDT														
			CDI	CD														
			CDI2	CDTS14														
			IFI	CD														
As of 03/97	E-CLASS	WDBJ/210	ME2	CDTS11	CDTS23	CDT		CDT	CD	CDTS32		C	C	CDTS	CDTS			
			MESFI	CDTS2														
			ERE	CDT														
			CDI	CD														
			CDI2	CDTS14														
			IFI	CD														
Up to 05/2005	E-CLASS	WDBU/211	MESFI	CDTS2	CDTS22	CDTS25		CDTS30	CDTS37	CD	CDTS31	CDTS74	CDTS74	CDTS	CDTS	CDTS33	CDTS	CDS31
			MESFI2.8	CDTS7														
			ME9.7	CDTS8														
			ME 9.7 (AMG)	CDTS10														
			CDI3	CDTS15														
			CDI4	CDTS16														
			CDI-V1	C														
			CDI5	CDTS17														
			CDID	CDTS20														
			MED97	CDTS39														
06/2005-05/2006	E-CLASS	WDBU/211	MESFI	CDTS2	CDTS22	CDTS25		CDTS30	CDTS37	CD	CDTS31	CDTS74	CDTS	CDTS	CDTS33	CDTS	CDS31	
			MESFI2.8	CDTS7														
			ME9.7	CDTS8														
			ME 9.7 (AMG)	CDTS10														
			CDI3	CDTS15														
			CDI4	CDTS16														
			CDI-V1	C														
			CDI5	CDTS17														
			CDID	CDTS20														
			MED97	CDTS39														
As of 06/2006	E-CLASS	WDBU/211	MESFI	CDTS2	CDTS22	CDTS25		CDTS30	CDTS37	CD	CDTS31	CDTS74	CDTS	CDTS	CDTS33	CDTS	CDS31	
			MESFI2.8	CDTS7														
			ME9.7	CDTS8														
			ME 9.7 (AMG)	CDTS10														
			CDI3	CDTS15														
			CDI4	CDTS16														
			CDI-V1	C														
			CDI5	CDTS17														
CDID	CDTS20																	

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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
ALL	S-CLASS	WDBG/140	ME2	CD		CDT			CD	CDTS31	CD			CDTS	CDT	
			ME1RE	CDTS12												
			ME1LI	CDTS13												
			ERE	CDTS21												
Up to 08/2002	S-CLASS	WDBN/220	ME2	CDTS3	CDTS23	CDTS27	CDTS36	CDTS38	CD	CDTS32		CDTS67	C	CDTS	CDTS	
			MESFI2.7	CDTS4												
			CDI2	CDTS14												
As of 09/2002	S-CLASS	WDBN/220	MESFI2.8	CDTS7	CDS23	CDTS27	CDTS36	CDTS38	CD	CDTS32		CDTS67	C	CDT	CDTS	
			MESFI2.7.1	CDTS5												
			CDI3	CDTS15												
			CDI-V1	C												
Up to 06/2009	S-CLASS	WDDN/221	ME9.7	CDTS8	CDTS22	CDTS25	CDTS30	CDTS37	CDS74	CDS74	CDTS74	CDTS	CDT	CDTS33	CDTS	CDS31
			ME9.7 (AMG)	CDTS10												
			ME2.7.2	CDTS6												
			MED17.7	CDS35												
			MESFI 17.7	CDS35												
			CDI5	CDTS17												
As of 07/2009	S-CLASS	WDDN/221	ME9.7	CDTS8	CDTS22	CDTS25	CDTS30	CDTS37	CDS74	CDS74	CDTS74	CDTS	CDT	CDTS33	CDTS	
			ME9.7 (AMG)	CDTS10												
			ME2.7.2	CDTS6												
			MED17.7	CDS35												
			MESFI 17.7	CDS35												
			CDI5	CDTS17												
			CDI60LS	CDTS44												
CDID3	CDTS49															
ALL	SL-CLASS	WDBB/107							CD							
ALL	SL-CLASS	231	MED177-M278	CDTS43	CDS74	CDTS61	CDTS74	CDTS62	CD	CDTS64	CDTS80	CDTS79	CDTS78	CDTS47		
			MED177-M276	CDTS43												
			MED177	CD												
Up to 08/99	SL-CLASS	WDBF/129	HFM	CD		CDT			CD	CDTS32				CDTS		
			ME2	CDTS11												
			ME1RE	CDTS12												
			ME1LI	CDTS13												
			LH1	CD												
			LH2	CD												
			ME1-SFI	CD												
As of 09/99	SL-CLASS	WDBF/129	HFM	CD		CDT			CD	CDTS32				CDTS		
			ME2	CDTS11												
			ME1RE	CDTS12												
			ME1LI	CDTS13												
			LH1	CD												
			LH2	CD												
			ME1-SFI	CD												
Up to 08/2003	SL-CLASS	WDBS/230	MESFI2.8	CDTS7	CDTS74	CDTS26	CDTS36	CDTS38	CD	CDTS32		CDTS68	C	CDT	CDTS	
			MESFI2.8	CDTS7												
09/2003-02/2008	SL-CLASS	WDBS/230	ME9.7	CDTS8	CDS74	CDTS77	CDTS36	CDTS38	CD	CDTS31		CDTS68	C	CDTS	CDTS	
			MESFI2.7.1	CDTS5												
			ME2.7.2	CDTS6												
AS of 03/2008	SL-CLASS	WDBS/230	ME9.7	CDTS8	CDS74	CDTS77	CDTS36	CDTS38	CD	CDTS31		CDTS68	C	CDT	CDTS	

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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
			ME2. 7. 2													
			ME9. 7 (AMG)	CDTS10												
ALL	SLK-CLASS	WDBK/170	ME2	CDTS11	CDTS23	CDTS26			CD	CDTS32				CDTS		
			MESFI	CDTS2												
Up to 05/2005	SLK-CLASS	WDBW/171	MESFI	CDTS2	CDTS22	CDTS25		CDTS37	CD	CDTS74		CDTS74	CDT	CDTS33	CDTS	CDS31
			ME9. 7	CDTS8												
			MESFI2. 8	CDTS7												
AS of 06/2005	SLK-CLASS	WDBW/171	MESFI	CDTS2	CDTS22	CDTS25		CDTS37	CD	CDTS74		CDTS74	CDT	CDTS33	CDTS	CDS31
			ME9. 7	CDTS8												
			MESFI2. 8	CDTS7												
ALL	SLK-CLASS	172	SIM271DE20	CDTS56	CDS74	CDS74	CDTS54	CDTS52	CD	CDS32	CDS74	CDTS54	CDTS	CDTS47	CD	
			MED177 AMG	CDTS42												
			MED177	CDTS43												
ALL	SLR-CLASS	WDDA/199	MESFI2. 8	CDTS7	CDTS74	CDTS26		CDTS37	CD	CDTS32			C	CDT		
ALL	SLS-CLASS	197	ME97 AMG	CD	CD	CDS74	CDTS74	CDTS52	CD	CDS32		CDTS54	CDTS	CDTS47	CD	
			SIM271DE20	CD												
			ME97	CD												
			ME97 AMG-M159	CDTS40												
			CDI6													
ALL	R-CLASS	WDCC/251	ME9. 7	CDTS8	CDS74	CDTS25	CDTS30	CDTS37	CDS74	CDTS74		CDTS74	CDTS	CDTS33	CDS	CDS31
			MESFI2. 8	CDTS7												
			ME9. 7 (AMG)	CDTS10												
			CDI60LS	CDTS44												
			CDI6	CDTS18												
			MED17. 7	CDS35												
			CDI4	CDTS16												
			CDI6BIN5	CDTS45												
ALL	SLK-CLASS	117	MED40	CDS74	CD	CDTS72	CD	CDS62	CD	CDTS76	CDS74	CDT	CDTS73	CDTS47	CDS71	CD
			CDID3	CD												
ALL	S Class	222	MED177	CDS43	CDS74	CDS75	CD	CDTS62	CD	CDTS64	CD	CD	CD	CD	CDTS71	
			CDI	CD												
ALL	GLA-CLASS	156	CDI	CDT	CDT	CDTS74		CD		CDS32	CDTS74	CD	CD	CDTS74	CDTS74	
			ME	CDT												
ALL	GLC-CLASS	253		CD		CD		CD		CDTS32		CD	CD	CD	CD	
ALL	C-CLASS	205	ME	CDTS43		CDT		CDT		CDTS32		CDT	CDT	CDT	CDT	
ALL	S-CLASS	217	ME	CDT		CDT		CDT		CDTS32					CDT	
ALL	M-CLASS	292	ME	CDT	CDT	CDTS74				CDTS32		CDT	CDT	CDTS74	CDT	
			CDI	CDT												
ALL	AMG-CLASS	190	ME	CDTS43	CDT	CDTS74	CDTS74	CD		CDTS32		CD	CD	CDTS74	CDT	

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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

- MESFI**
- S2** Learning of the throttle valve stop
- S2** Resetting of sensor adaptation
- S2** Ignition
- S2** Fuel quantity
- S2** Idle speed selector lever P/N and manual transmission in Neutral
- S2** Idle speed selector lever Driver position
- S2** Variant coding
- 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
- S4** Variant coding
- 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
- S6** Variant coding
- 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
- S8** Variant coding
- S8** **init startup**

ENGINE

- ECM**
- S1** Ignition
- S1** Fuel quantity
- S1** Idle speed selector lever P/N and manual transmission in Neutral
- S1** Idle speed selector lever Driver position
- S1** CO setting for models without TWC
- S1** Boot strapping
- 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
- MESFI2.7.1**
- 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
- S5** Variant coding
- 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
- S7** Variant coding
- 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
- S9** Variant coding

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		S8	init startup
	ME9.7(AMG)		ME2(HHT)
S10	Learning of the throttle valve stop		S11
S10	Resetting of adaptation data	S11	Ignition
S10	ignition	S11	Fuel quantity
S10	Fuel quantity	S11	Idling speed Selector lever P/N
S10	Idling specified speed with selector lever in position P or N	S11	Idling speed Selector lever Drive position
S10	Idling specified speed with gear engaged	S11	CO setting for models without TWC
S10	Variant coding	S11	Self-adaptation
S8	init startup		
	ME1RE		ME1LI
S12	Ignition	S13	Ignition
S12	Fuel quantity	S13	Fuel quantity
S12	Idling speed Selector lever P/N	S13	CO setting for models without CAT
S12	Idling speed Selector lever Drive position	S13	Self-adaptation
S12	CO setting for models without CAT		
S12	Self-adaptation		MESFI(204)
S12	Variant coding	S35	Activate fuel pump
	MESFI(169)	S35	Learning of the throttle valve stop
S34	Activate fuel pump	S35	Learning of the recirculated air flap stop
S34	Learning of the throttle valve stop	S35	Resetting of sensor adaptation
S34	Resetting of mixture adaptation	S35	Sensor rotor adaptation
S34	Ignition	S35	Ignition
S34	Fuel quantity	S35	Fuel quantity
S34	Idle speed set value	S35	Idling specified speed with selector lever in position P or N
S34	Electric suction fan for engine or air conditioning	S35	Idling specified speed with gear engaged
S34	Variant coding	S35	Variant coding
	CDI2		CDI3
S14	Drive authorization	S15	Read coding and change if necessary
S14	Read coding and change if necessary.	S15	Display of coding data
S14	Injector classification / Injector shutoff	S15	Adjustment of injector injection quantities
S14	Variant coding	S15	Reset quantity mean value adaptation data
	CDI4	S15	Teaching in the diesel particulate filter after replacing the engine control unit
S16	Read coding and change if necessary	S15	Variant coding
S16	Display of coding data		CDI5
S16	Reset quantity mean value adaptation data	S17	Reset quantity mean value adaptation data
S16	Learning of the throttle valve stop	S17	Adjustment of injector injection quantities
		S17	Resetting air filter learned values after air filter replacement

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S16	Resetting air filter learned values after air filter replacement		
S16	Variant coding		
	CDI6		CDI A1
S18	Adjustment of injector injection quantities	S19	Adjustment of injector injection quantities
S18	Reset quantity mean value adaptation data	S19	Reset quantity mean value adaptation data
S18	Learning of the throttle valve stop	S19	Regeneration of diesel particulate filter when driving
S18	Activate fuel pump	S19	Variant coding
S18	Variant coding		ERE
	CDID	S21	Variant coding
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		ME97 AMG-M156
S20	Resetting the lambda values	S40	Activation of fuel pump
S20	Variant coding	S40	Reset of cold start adaptation values
	MED97	S40	Teach-in of positions for camshafts
S39	Teach in of throttle valve stop	S40	Variant coding
S39	Activation of fuel pump	S40	init startup
S39	Resetting of adaptation values		MED177 AMG
S39	Teach-in process after replacement of the combustion engine	S42	Display of SCN
S39	Variant coding	S42	Display of CVN
S39	init startup	S42	Display of model
	SIM271KECNG	S42	Correction programming of specified idle speed with gear range engaged
S41	Correction programming of ignition	S42	Injector injection quantity adjustment
S41	Correction programming of fuel quantity	S42	Activation of fuel pump
S41	Correction programming of electric fan for combustion engine or air conditioning	S42	Teach-in of throttle valve stop
S41	Correction programming of specified idle speed in selector lever position 'P' or 'N'	S42	Variant coding
S41	Correction programming of specified idle speed with gear range engaged		CDI60LS
S41	Default initialization	S44	Adjustment of injector injection quantities.
S41	Activate fuel pump	S44	Regeneration of diesel particulate filter when driving
S41	Teach in of throttle valve stop	S44	Teaching in the diesel particulate filter after replacing the engine control unit.
S41	Teach-in of stop for boost pressure control flap	S44	Teach-in process after replacement of component Diesel particulate filter
S41	Acceleration of sensor rotor adaptation	S44	Teach-in process after replacement of component SCR-Catalytic converter
S41	Resetting of values for sensor rotor adaptation	S44	Learning of the throttle valve stop.
S41	Reset of mixture adaptation values	S44	Teach-in process after replacement of component Diesel oxidation catalytic converter

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S41	Perform teach-in process for control unit 'ME'	S44	Teach-in process after replacement of component B16/15 (Temperature sensor upstream of SCR catalytic converter)
S41	Y107/1 (Gas cylinder shutoff valves)	S44	Teach-in process after replacement of component B28/8 (Pressure differential sensor (DPF))
S41	Enable natural gas operation	S44	Teach-in process after replacement of component G3/2 (O2 sensor upstream of KAT)
S41	Variant coding	S44	Teach-in process after replacement of component N37/7b1 (NOx sensor downstream of diesel particulate filter)
	MED177	S44	Teach-in process after replacement of component N37/8b1 (NOx sensor downstream of SCR catalytic converter)
S43	Correction programming of ignition	S44	Teach-in process after replacement of component Y74 (Pressure control valve)
S43	Correction programming of fuel quantity	S44	Teach-in process after replacement of component Y129 (AdBlue? Metering valve)
S43	Correction programming of specified idle speed in selector lever position 'P' or 'N'	S44	Activate fuel pump
S43	Correction programming of specified idle speed with gear range engaged	S44	Reset quantity mean value adaptation data.
S43	Injector injection quantity adjustment	S44	Rapid teach-in of zero quantity calibration values
S43	Activation of fuel pump	S44	Reset values for HFM drift compensation.
S43	Teach in of throttle valve stop	S44	Resetting air filter learned values after air filter replacement.
S43	Resetting of adaptation values	S44	Variant coding
S43	Variant coding		CDI6EU5
	CDI6BIN5EU6	S46	Variant coding
S45	Variant coding	S46	Adjustment of injector injection quantities.
S45	Adjustment of injector injection quantities.	S46	Regeneration of diesel particulate filter when driving
S45	Regeneration of diesel particulate filter when driving	S46	Teaching in the diesel particulate filter after replacing the engine control unit.
S45	Teaching in the diesel particulate filter after replacing the engine control unit.	S46	Learning of the throttle valve stop.
S45	Teaching-in of diesel particulate filter after replacement of engine control unit without transfer of values	S46	Teach-in process after replacement of component Diesel particulate filter
S45	Learning of the throttle valve stop.	S46	Teach-in process after replacement of component B28/8 (Pressure differential sensor (DPF))
S45	Teach-in of SCR exhaust aftertreatment system after replacement of engine control unit without transfer of values	S46	Teach-in process after replacement of component G3/2 (O2 sensor upstream of KAT)
S45	Teach-in process after replacement of component Diesel particulate filter	S46	Teach-in process after replacement of component Y27/9(Left EGR positioner)
S45	Teach-in process after replacement of component Diesel oxidation catalytic converter	S46	Teach-in process after replacement of component Y74 (Pressure control valve)
S45	Teach-in process after replacement of component SCR-Catalytic converter	S46	Activate fuel pump
S45	Teach-in process after replacement of component B16/15 (Temperature sensor upstream of SCR catalytic converter)	S46	Reset quantity mean value adaptation data.
S45	Teach-in process after replacement of component B28/8 (Pressure differential sensor (DPF))	S46	Rapid teach-in of zero quantity calibration values
S45	Teach-in process after replacement of component G3/2 (O2 sensor upstream of KAT)	S46	Reset values for HFM drift compensation.
S45	Teach-in process after replacement of component NOx sensor upstream of SCR catalytic converter	S46	Resetting air filter learned values after air filter replacement.
S45	Teach-in process after replacement of component NOx sensor downstream of SCR catalytic converter	S46	Drive authorization
S45	Teach-in process after replacement of component Y27/9 (Exhaust gas recirculation positioner)	S46	Variant coding
S45	Teach-in process after replacement of component Y74 (Pressure control valve)		

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- S45** Teach-in process after replacement of component Y129 (AdBlue? Metering valve)
- S45** Activate fuel pump
- S45** Reset quantity mean value adaptation data.
- S45** Rapid teach-in of zero quantity calibration values
- S45** Reset values for HFM drift compensation.
- S45** Reset AdBlue quality factor
- S45** Resetting air filter learned values after air filter replacement.
- S45** Drive authorization
- S45** 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
- S22** Variant coding

ABS/ESP/ABR(CAN)

- S25** Road test
- S25** Tire pressure loss warner(Activating)
- S25** Variant coding
- S25** Initial startup

Airmatic(CAN)

- S30** 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)

Transmission

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

ABS/ESP/ABR

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

Suspension/ABC

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

ICM

- S32** Oil change
- S32** Variant coding

Mercedes Benz **V48.30** Diagnostics List(Note:For reference only)

S30 Variant coding

ICM(CAN)

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

ICM(212,218,207,204,197,172)

- S2** Confirmation of general maintenance
- S2** Reset general maintenance

AAC(212,218,207,204,197,172)

- S47** Manual settings
- S47** Workshop coding
- S47** Normalization of actuator motors

- S47** Teach-in of actuator motors
- S47** Breathing-in of refrigerant compressor
- S47** Variant coding

CDI60LS(212,218,204)

- S50** Teach-in processe
- S50** Variant coding

TPM(212\ 207\197\21 8\172)

AAC(CAN)

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

TPM(CAN)

- S37** Initial startup(Write wheel electronics identification number.)
- S38** Monitoring function

CDID2(212,207,W204,S204,X204)

- S48** Teach-in processe
- S48** Regeneration of the diesel particulate filter while driving

CDID3(218,X20 4,212,207,W204, S204,221)

- S49** Teach-in processe

ESP(212\207\21 8\X204\197\172)

- S51** Reset offset value of signal 'Steering angle'
- S51** Actuvate function 'Tire pressure loss warning'
- S51** Calibrate separation and intake valves in component 'A7/3 (Traction system hydraulic unit)'
- S51** Teach in component 'B37/1 (Pedal angle sensor)'
- S51** Development data
- S51** Variant coding

AIRMATIC(212 \218\207\X204\1 72\197)

- S53** Level calibration
- S53** Reset of compressor operating time
- S53** Variant coding

Mercedes Benz **V48.30** Diagnostics List(Note:For reference only)

S52	Write identification numbers of tire pressure sensors	MED40(C204)	
S52	Write tire pressure specified values	S55	Configuration
		S55	Teach-in processes
DOOR(21 2/218/207/ 197/GLK2 04/172)			
S54	Teach-in processes	S55	Variant coding
		AB	
SIM271D E20(212/2 07/172/C2 04)			
S56	Configuration	S57	Reading coding and change if necessary
S56	Teach-in processes	S57	Display coded vehicle data
S56	Variant coding		
		Airmatic(CAN)	
CDID3		S59	Resetting of calibration values
S58	Teach-in of throttle valve stop	S59	Level calibration
S58	Teach-in of intake port shutoff	S59	Vehicle load condition comparison
	Teach-in diesel particulate filter after replacement of control	S59	Calibration of component 'B24/12(ABC lateral acceleration sensor)'
S58	unit 'N3/9(CDI control unit)'		
S58	Reset of lambda values		
S58	Reset of contamination level of air filter		
S58	Teach in component 'Y77/1(Boost pressure positioner)'		
S58	Quick teach-in of values of zero quantity calibration		
	Teach-in process after replacement of component 'Diesel		
S58	particulate filter'		
S58	Oxidation catalytic converter		
S58	Activation of fuel pump		
S58	Bleeding of high-pressure fuel circuit		
S58	B79/2(Transmission neutral position sensor)		
	Resetting of learned values of component 'B6/1(Camshaft Hall		
S58	sensor)'	ESP	
S58	Regeneration of the diesel particulate filter while driving	S61	Calibration of component 'Acceleration sensor
		S61	Variant coding
ESP			
S60	unit)'	Transmission	
	Calibration of component 'B24/15(Yaw rate sensor for lateral		
S60	and longitudinal acceleration)'	S63	Display of adaptation values (Shift)

Mercedes Benz **V48.30** Diagnostics List(For reference only)

S60	Variant coding	S63	Resetting the adaptation values
		S63	Variant coding
TPM			
S62	Write identification numbers of tire pressure sensors		
IC(231/246 /GL166/16 6ML/176)			
S64	Current menu settings		
S64	Transfer of manufacturer default settings		
		ESA-FR/ESA- FL(215)	
S64	Oil grade factor	S66	Variant coding
S64	Customer-specific settings	S66	Parameterize easy entry/exit. (Driver side)
S64	Variant coding	S66	Normalize seat adjustment
MED40A MG(176)			
S65	SCN	S66	Adapt obstruction protection
S65	Manual setting	S66	Readjust adjustment parameters
S65	Activation of fuel pump		
S65	Teach-in of throttle valve stop		
		ESA-FR/ESA- FL(230)	
S65	Teach-in positions for camshafts	S68	Read coding and change if necessary
S65	Resetting of adaptation values	S68	Normalize seat adjustment
S65	Status of teach-in process	S68	Adapt obstruction protection
S65	Variant coding	S68	Parameterize easy entry/exit. (Driver side)
ESA- FR/ESA- FL(220)			
S67	Read coding and transfer to the new control unit		
S67	Variant coding		
S67	Parameterize easy entry/exit. (Driver side)		
S67	Normalize seat adjustment		
S67	Readjust adjustment parameters		
S67	Reduce the longitudinal travel with the retaining clip installed on the fore/aft adjustment rail.		
		PTS(117/222)	
		S71	Volume and frequency
ESP		S71	Trailer hitch
S69	Calibration of component 'B24/15(Yaw rate sensor for lateral and longitudinal acceleration)'		

Mercedes Benz **V48.30** Diagnostics List(Note:For reference only)

S69	Variant coding		
ESP(X204)		DCU	
S70	Reset offset value of signal ‘Steering angle’	S73	Normalization of power window
S70	Actuvate function ‘Tire pressure loss warning’		
S70	Calibrate separation and intake valves in component ‘ A7/3 (Traction system hydraulic unit)’		
S70	Teach in component ‘B37/1 (Pedal angle sensor)’	MED40	
S70	Variant coding	S74	Variant coding
ESP(117)			
S72	Calibration of component ‘Acceleration sensor’		
ESP(222)		Airbag	
S75	Variant coding	S74	Variant coding
S75	Special functions		
IC(117)		SEAT MODULES	
S76	Manual setting: Current menu setting	S74	Variant coding
S76	Manual setting: Transfer of manufacturer default settings		
S76	Manual setting: Oil grade factor		
S76	Manual setting: Customer-specific settings		
S76	Variant coding		
XENON LIGHTS		ABS/ESP/ABR(CAN)	
S74	Variant coding	S77	Initial startup
S80	Resetting the operating hours counter of component		
Transmissi on		DCU	
S74	Variant coding	S78	Normalizaiton of power window
ICM		DR_ESA/PASS_ ESA	
S74	Variant coding	S79	Normalization
ESP			
S74	Variant coding		

Mercedes Benz V48.30 Diagnostics List(Note:For reference only)

AAC

S74 Variant coding

PTS

S74 Variant coding

Airmatic(CAN)

S74 Variant coding