

## Mercedes Benz **V42.05** Diagnostics List (Note:For reference only)

Menu					Functions						
Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	ME2.0,2.1 (4,6,8 Cylinders) Motor Electronics	1996-2000	129,140,163,170,202,203,208,209,210,215,220,230,463,	C,CL,CLK,E,S,SLK,M,L,G Class	√	√	√	√	√	√	
	ME2.8 (6,8 cylinders) Motor Electronics	2001-2004	140,163,170,202,203,208,209,210,215,220,230,463,199	C, CL, CLK, E, S, SLK, ML,G Class	√	√	√	√	√	√	
	ME2.7 (12 cylinders) Motor Electronics	2000-2004	215220240	CL, S Class,Maybach	√	√	√	√	√	√	
	ME-SFI (111 Kompressor 4 cylinders)	2000-2004	170,202,203,208,209,210,	C, CLK, E, SLK Class	√	√	√	√	√	√	
	ME1RE,ME1LI (6,8,12 cylinders)	1996-1999	129140210	S, SL, E Class	√	√	√	√	√	√	
	ECM (4 cylinders)	1998-2004	168	A Class	√	√	√	√	√	√	
	LH1,LH2 (6,8,12 cylinders) Hot wire engine management	1991-1995	124129140	S, SL Class	√	√	√	√			
	HFM (Hot film engine management)	1991-1999	124,129,140,163,170,202,208,210,463,	C, CLK, E, SLK, ML, G Class	√	√	√	√		√	
	PMS (Pressurized Engine Control)	1993-1996	124, 202	S, C Class	√	√	√	√			
	ERE (Indirect Fuel Injection), IFI	1995-1999	140, 201, 210	S, C, E Class	√	√	√	√			



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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	ESM (Electronic Selector Module)	2000-2004	163, 170, 203, 209, 215, 220, 230, 463, 202, 208, 210,199	ML, SLK, C, CLK, S, SL, G, E Class	√	√	√	√	√	√	
	TC/VG (Transfer Case)	1998-2004	163, 463	ML, G Class	√	√	√				
	ACS (Automatic Clutch System)	1998-2004	168	A Class	√	√	√	√		√	
	GRM (Gear Recognition Module)	1998-2004	168	A Class	√	√	√				
<b>Chassis</b>	ABS (Anti-lock Brake System)	1991-2002	124, 129, 140, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 461, 463	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√	√	√		
	ASR (Acceleration Slip Regulation)	1993-1999	124, 129, 140, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 461, 463	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√	√	√		
	ETS (Electronic Traction System)	1993-1999	124, 129, 140, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 461, 463	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√	√	√		
	ESP (Electronic Stability Program)	1995-2004	124, 129, 140, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 461, 463,199	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√	√	√		

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Menu					Functions						
Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	BAS (Brake Assist System)	1996-2004	129, 163, 170, 202, 203, 210	C, CL, E, SL, SLK, ML Class	√	√	√	√	√		
	SBC (Sensotronic Brake System)	1999-2004	211, 230,199	E, SL Class	√	√	√	√		√	
	ABC/AIRmatic/ Suspension (Active Body Control)	1999-2004	215, 220, 230	S, SL, CL Class	√	√	√	√	√	√	
	VP (Vacuum Pump Brake Booster)	1999-2004	163, 170, 202, 203, 208	ML, SLK, C, CLK Class	√	√	√				
	TPC (Tire Pressure Monitor)	1999-2004	210, 215, 220, 230,199	CL, E, S, SL Class	√	√	√				
	ADS (Adaptive Damping System)	1994-1999	140, 129, 210	E, S, SL, SLK, ML Class	√	√	√			√	
	AB (Air Bag)	1998-2004	124, 129, 140, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 461, 463	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√	√			
	ATA (Anti-Theft Alarm)	1990-2004	124, 129, 140, 170, 202, 210, 168, 463	C, E, S, SL, SLK, A, G Class	√	√	√	√	√	√	
	PTS (Parktronic System)	1996-2004	168, 203, 209, 215, 220, 230, 140, 202, 208, 210	A, C, CLK, CL, S, SL, E Class	√	√	√	√	√		
	EIS (Electronic Ignition Switch)	1996-2004	203, 209, 220, 463, 202, 208, 210,199	C, CLK, S, E, G Class	√	√	√	√	√	√	
	SEM (Security Module)	1998-2004	163	ML Class	√	√	√				

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Menu					Functions						
Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
<b>Body</b>	PSE (Pneumatic System Equipment)	1996-2004	140, 170, 202, 208, 210, 215, 220, 230	C, CL, CLK, E, S, SL, SLK Class	√	√	√			√	
	OCP (Overhead Control Panel)	1996-2004	202, 208, 210, 220,199,215	C, CLK, E, S Class	√	√	√	√	√	√	
	LCP (Lower Control Panel)	1996-2004	163, 168, 202, 208, 210, 220,199	C, CLK, E, S, ML, A Class	√	√	√	√	√	√	
	SAM (Signal Acquisition/ Actuation Module)	1999-2004	202, 208, 210	C, CLK, E Class	√	√	√	√	√		
	SAM-FL	1999-2004	215, 220,199	CL, S Class	√	√	√	√	√	√	
	SAM-FR	1999-2004	215, 220,199	CL, S Class	√	√	√	√	√		
	SAM-F	1999-2004	203, 209, 463	C, CLK, G Class	√	√	√	√	√	√	
	UCP (Upper Control Panel)	1999-2004	203, 209, 215, 220, 463	C, CL, CLK, S, G Class	√	√	√				
	HRA (Headlamp Range Adjustment)	1996-2004	129, 140, 202, 208, 210, 163, 203, 209, 220, 230	C, CLK, E, S, SL, SLK, ML Class	√	√	√				√
	HRA-FL (Headlamp Range Adjustment, Front Left)	1996-2004	203, 209, 230,199	C, CLK, SL Class	√	√	√				
	AAM (All Activity Module)	1998-2004	163	ML Class	√	√	√	√	√	√	√
	EAM (Extended Activity Module)	1998-2004	163	ML Class	√	√	√	√	√	√	√
KG (Keyless Go)	1999-2004	215, 220, 230	CL, S, SL Class	√	√	√			√		

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Menu					Functions						
Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	RFL (Radio Frequency Locking)	1990-2004	168, 170, 129	A, SL, SLK Class	√	√	√				
	CCM (Multifunction Control Module)	1998-2001	170, 210	E, SLK Class	√	√	√				
	VR (Vario Roof)	1995-2003	170, 463	SLK, G Class	√	√	√	√	√		
	SVMCM (Special Vehicle Multifunction Control Module)	1996-2002	202, 203, 210, 215, 220, 463	C, CL, E, S, G Class	√	√	√				
	WSP(immobilizer)	1996-2008	461	G Class	√	√	√				
	AHE (Trailer Recognition)	1996-2002	203, 209, 215, 220, 463	C, CL, CLK, S, G Class	√	√	√				
	RST (Roadster Soft-Top)	1990-2004	140, 129, 210, 230	S, SL, E	√	√	√	√	√		
	KI (Instrument Cluster)	1996-2004	129, 140, 168, 170, 202, 210, 461	SL, SLK, S, C, E, A Class	√	√	√	√	√	√	
	ICM (Instrument Cluster with Maintenance Interval Display)	1996-2004	129, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 462, 199	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√	√	√	√	
	D2B (Audio)	1996-2004	129, 163, 202, 208, 210, 220, 461, 463, 199	C, CLK, E, S, SL, G Class	√	√	√			√	

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Menu					Functions						
Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
<b>INFORMATION &amp; COMMUNICATION</b>	CTEL1 (Cellular Telephone)	1996-2004	129, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 463,199	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√				
	CTEL2 (Cellular Telephone)	1996-2004	129, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 463	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√				
	CDC (CD Changer)	1996-2004	129, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 463,199	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√				
	SOUND	1996-2004	163, 203, 209, 215, 220, 230,199	C, CL, CLK, S, ML Class	√	√	√				
	VCS (Voice Control System)	1996-2004	129, 163, 170, 202, 203, 208, 209, 210, 215, 220, 230, 463	C, CL, CLK, E, S, SL, SLK, ML, G Class	√	√	√				
	TV Tuner	1996-2004	203, 208, 209, 210, 215, 220, 230, 463	C, CL, CLK, E, S, SL, G Class	√	√	√				
	SCM (Steering Column Module)	1996-2004	209, 215, 220, 230	CL, CLK, S, SL Class	√	√	√				
	TELE AID (Telephone Aid)	1996-2004	129, 140, 163, 170, 202, 203, 208, 209, 210, 215, 220, 230, 463	C, CL, CLK, E, S, SL, SLK, ML G Class	√	√	√				

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Menu					Functions						
Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	DN (Dynamic Navigation by CTEL)	1996-2004	129, 140, 168, 202, 208, 210, 463	C, CLK, E, S, SL Class	√	√	√				
	APS (Auto-Pilot System)	1996-2094	129, 140, 168, 202, 208, 210, 463	C, CLK, E, S, SL, A, G Class	√	√	√				
	DAS (Driver Authorized System)	1996-2004	129, 202, 203, 208, 209, 210, 215, 220, 230, 463	C, CLK, E, S, SL, A, G Class	√	√	√				
<b>SEAT &amp; DOOR</b>	DCM1 (Door Control Module 1)	1996-2004	168, 202, 203, 208, 209, 210, 215, 220, 230, 463,199	C, CL, CLK, E, S, SL, A, G Class	√	√	√	√			
	DCM2 (Door Control Module 2)	1996-2004	168, 202, 203, 208, 209, 210, 215, 220, 230, 463,199	C, CL, CLK, E, S, SL, A, G Class	√	√	√	√			
	DCM3 (Door Control Module 3)	1996-2004	168, 202, 203, 208, 210, 220	C, CLK, E, S, A Class	√	√	√	√			
	DCM (Door Control Module 4)	1996-2004	168, 202, 203, 208, 210, 220	C, CLK, E, S, A Class	√	√	√	√			
	ESA-FL (Electric Seat Adjustment, Front-Left)	1996-2004	202, 203, 208, 209, 210, 215, 220, 230, 463	C, CL, CLK, E, S, SL, G Class	√	√	√	√			
	ESA-FR (Electric Seat Adjustment, Front-Right)	1996-2004	202, 203, 208, 209, 210, 215, 220, 230, 463	C, CL, CLK, E, S, SL, G Class	√	√	√	√			
	ESA-REAR (Electric Seat Adjustment, Rear)	1996-2004	220	S Class	√	√	√	√			

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Menu					Functions						
Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	OSB-FL (Orthopedic Seat Backrest, Front-Left)	1996-2004	215, 220, 230	CL, S, SL Class	√	√	√				
	OSB-FR (Orthopedic Seat Backrest, Front-Right)	1996-2004	215, 220, 230	CL, S, SL Class	√	√	√				
	OSB-REAR (Orthopedic Seat Backrest, Rear)	1996-2004	220	S Class	√	√	√				
<b>CLIMATE CONTROL</b>	TAU (Automatic Air Conditioning)	1991-2001	202, 210	C, E Class	√	√	√	√	√	√	
	KLA (Automatic Air Conditioning)	1991-2004	129, 140, 170, 202, 208, 210	S, SL, SLK, C, CLK, E Class	√	√	√	√	√	√	
	AAC (Automatic Air Conditioning)	1991-2004	129, 163, 170, 202, 203, 208, 209, 210, 215, 220, 230, 463	C, CL, CLK, E, S, SL, SLK, ML, G Class	√	√	√	√	√	√	
	REAR AC (Rear Air Conditioning)	2000-2004	220	S Class	√	√	√				
	STH (Stationary Heater)	2000-2004	129, 140, 163, 168, 170, 202, 203, 208, 209, 210, 215, 220, 230, 463	C, CL, CLK, E, S, SL, SLK, ML, A G Class	√	√	√				
	DI (Distributor Ignition)	1990-1993	124, 129, 140	SL, E Class	√	√	√				

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Menu					Functions						
Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
<b>FLASH FAULT CODE (Analog System)</b>	EA/CC/ISC (Electronic Accelerator/ Cruise Control/ Idle Speed Control)	1992-1997	124, 140	E, S Class	√	√	√				
	GM/BM (General Module/ Base Module)	1992-1993	124, 129, 140	E, SL, S Class	√	√	√				
	CFI (Continuous Fuel Injection)	1988-1993	124, 107, 126, 129, 201	E, S, SL, 190E, 190D Class	√	√	√				
	ESM (Engine System Control Module)	1990-1993	124, 126, 201	E, S, 190E, 190D Class	√	√	√				
	ELR/EDR (Diesel Engine System)	1986-1995	126, 201, 124, 140	E, S, 190E, 190D Class	√	√	√				
	EATC (Electronic Automatic Transmission Control)	1990-1993	129, 140	SL, S Class	√	√	√				
	ABS/ ASR/ ETS	1992-1997	124, 129, 140, 202	E, SL, S, C Class	√	√	√				
	ADS (Adaptive Damping System)	1991-1993	129, 140	SL, S Class	√	√	√				
	ASD (Automatic Locking Differential)	1992-1996	1.24126E+11	E, C Class	√	√	√				

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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Sys. Info.	Read code	Clear code	Data Stream	Actuation	Special Functions	Others
	SRS (Air Bag)	1988-1997	107, 124, 126, 129, 140, 201	E, S, SL Class	√	√	√				
	RB (Roll Bar)	1990-1993	124, 129	E, SL Class	√	√	√				
	CST (Cabriolet Soft-Top)	1993-1998	124	E Class	√	√	√				
	RST (Roadster Soft-Top)	1990-1998	129	SL Class	√	√	√				
	IRCL(Infrared Remoted Control for Central Locking)	1990-1993	129, 140	SL, S Class	√	√	√				
	PSE (Pneumatic System Equipment)	1992-1993	129, 140	SL, S Class	√	√	√				
	ATA (Anti-Theft Alarm)	1992-1997	129, 140, 202	SL, S, C Class	√	√	√				
	Convenience Feature	1992-1993	140	S Class	√	√	√				
	Air Conditioning	1988-1993	124, 126, 201	E, S Class	√	√	√				

(\*):Tested;

(?):Manual on website([www.x431.com](http://www.x431.com))

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<b>CONNECTOR</b>	<b>X431</b>	<b>DIAGUN</b>
SMART OBD	N/A	N/A
BENZ-38	Use for the cars of 38-PIN Diagnostic socket	Use for the cars of 38-PIN Diagnostic socket
UNIVERSAL-3	Use for the cars of 16-PIN or 8-PIN square Diagnostic socket	Use for the cars of 16-PIN or 8-PIN square Diagnostic socket
OBD 16C	Use for the cars of 16-PIN Diagnostic socket	N/A
CANBUS II	N/A	N/A
diagun connector	N/A	Use for the cars of 16-PIN Diagnostic socket
SUPER 16	Use for the cars of 16-PIN Diagnostic socket	N/A

American model	Non-American model	Model
WDBG	W140	S-Class
WDBN	W220	S-Class
WDDN	W221	S-Class
WDBF	W129	SL-Class
WDBS	W230	SL-Class
WDBH	W202	C-Class
WDBR	W203	C-Class
WDDG		
WDDR	W204	C-Class
WDBJ	W210	E-Class
WDBU	W211	E-Class
WDBK	W170	SLK-Class
WDBW	W171	SLK-Class
WDBL	W208	CLK-Class
WDBT	W209	CLK-Class
	W168	A-Class
	W169	A-Class
WDDF	W245	B-Class
WDDD	W219	CLS-Class
WDBP	W215	CL-Class
WDDE	W216	CL-Class
WDBV	W240	Maybach-Class
	W199	SLR-Class
4JGA	W163	ML-Class
4JGB	W164	ML-Class
WDCB	X164	GL-Class
	W461	G-Class
WDCY	W463	G-Class
4JGC/WDCC	W251	R-Class
WDBE	W124	E-Class
WDBD	W201	C-Class
WDBC	W126	S-Class
WDBB	W107	SL-Class

1. If the 4th digit of the VIN is a character, which refers to it is a VIN for the American model, otherwise it is for non-American model when it is a digital.

2. For the American model, the 4th digit refers to the chassis code, and the 10th digit refers to model year (e.g. WDBG \*\*\*\*\*), the chassis code is 'W140'); and for non-American models, the 4th, 5th, and 6th digits refer to the chassis code, and the 10th digit does not refer to the model year which also can't be judged from the VIN (e.g. WDB140 \*\*\*\*\*), the '140' is the chassis code).