

## Benz **V35.20** Diagnostics List (Note:For reference only)

Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Functions					
					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
	ME2.0,2.1 (4,6,8 Cylinders)	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	√	√	√	√	√	√
	Motor Electronics									
	ME2.8 (6,8 cylinders)	2001-2004	140,163,170,202,203,208,209,210,215,220,230,463,199	C, CL, CLK, E, S, SLK, ML,G Class	√	√	√	√	√	√
	Motor Electronics									
	ME2.7 (12 cylinders)	2000-2004	215220240	CL, S Class,Maybach	√	√	√	√	√	√
	Motor Electronics									
	ME-SFI (111 Kompressor 4 cylinders)	2000-2004	170,202,203,208,209,210,	C, CLK, E, SLK Class	√	√	√	√	√	√
	METRE,METEL (6,8,12 cylinders)									
	ECM (4 cylinders)	1998-2004	168	A Class	√	√	√	√	√	√
	LH1,LH2 (6,8,12 cylinders)	1991-1995	124129140	S, SL Class	√	√	√	√		
	Hot wire engine management									
	HFM (Hot film engine management)	1991-1999	124,129,140,163,170,202,208,210,463,	C, CLK, E, SLK, ML, G Class	√	√	√	√		

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					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
<b>Drive</b>	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	√	√	√	√		
	CDI & CDI2 (Common Rail Diesel Injection), CDI3 CDI4	2000-2004	163, 168, 202, 203, 463	ML, A, C, E Class	√	√	√	√		
	EGS (Electronic Gear System)	1994-1999	124, 129, 140, 163, 202, 210	S, SL, C, E, ML Class	√	√	√	√	√	√
	EAG (Electronic Automatic Transmission)	1994-1999	124, 129, 140, 202, 210	S, SL, C, E Class	√	√	√	√	√	√
	FTC (Front Transmission Control)	1998-2004	168	A Class	√	√	√	√	√	√
	ETC (Electronic Transmission Control)	1991-2004	163, 170, 202, 203, 208, 209, 210, 215, 220, 230, 463, 199, 240	C, CLK, E, S, SL, SLK, ML, G Class, Maybach	√	√	√	√	√	√
	DM (Diagnostic Module)	1991-1996	124, 129, 140, 202, 210	C, E, S, SL Class	√	√	√	√		√(RESET)
	GM (General Module)	1991-1996	124, 129, 140	S, SL Class	√	√	√	√	√	

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					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
	EFP/TMP/ISC (Electronic Fuel Pedal/Idle Speed Control)	1994-1998	124, 129, 140, 202, 210	C, E, S, SL Class	√	√	√	√	√	
	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	√	√	√			
	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	√	√	√	√	√	

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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Functions					
					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
<b>Chassis</b>	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	√	√	√	√	√	
	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	√	√	√			

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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Functions					
					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
	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	√	√	√			
	PSE (Pneumatic System Equipment)	1996-2004	140, 170, 202, 208, 210, 215, 220, 230	C, CL, CLK, E, S, SL, SLK Class	√	√	√			√
	OCP (Overhard Control Panel)	1996-2004	202, 208, 210, 220, 199, 215	C, CLK, E, S Class	√	√	√	√	√	√



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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Functions					
					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
	KG (Keyless Go)	1999-2004	215, 220, 230	CL, S, SL Class	√	√	√		√	
	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	1996-2004	129, 140, 168, 170, 202, 203, 208, 209, 210	C, CL, CLK, E, S, SL, SLK, ML, A, G Class	√	√	√	√	√	√ Service Reset

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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Functions					
					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
<b>INFORMATION &amp; COMMUNICATION</b>	D2B (Audio)	1996-2004	129, 163, 202, 208, 210, 220, 461, 463,199	C, CLK, E, S, SL, G Class	√	√	√			√
	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	√	√	√			

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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Functions					
					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
	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	√	√	√			
	DN (Dynamic Navigation by CTEL)	1996-2004	129, 140, 168, 202, 208, 210, 463	C, CLK, E, S, SL Class	√	√	√			
	APS (Auto-Pilot System)	1996-2004	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	√	√	√			
	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	√	√	√	√		

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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Functions					
					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
<b>SEAT &amp; DOOR</b>	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	√	√	√	√		
	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	√	√	√			

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Module	SYSTEM	MODEL YEAR	CHASSIS NUMBER	MODEL	Functions					
					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
<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	√	√	√			
	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	√	√	√			

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					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
<b>FLASH FAULT CODE (Analog System)</b>	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	√	√	√			
	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	√	√	√			

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					Read Version	Read Codes	Clear Codes	Data Stream	Actuation	Coding/ Programming
	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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