

**38-Pin Diagnostic Connector**

Models 124.034/036, 129.058/063/067/076, 140, 170, 202, 208, 210

The Mercedes Diagnostic "Mushroom" #140-1463 available from Baum Tools Unitd. is recommended to allow easy access to the diagnostic connector. Call 800-848-6657 or 941-927-1414 for more information.

Pin	System	Description
1	Ground (Terminal 31)	W12 (Chassis Ground), W15 (Electronics Ground)
2	Voltage, terminal 87	Ignition Switch 12volts +
3	Voltage, terminal 30	Battery 12volts +
4	EDS	Electronic Diesel System
	IFI	In-line Fuel Injection
	DFI	Electronic Distributor-type Fuel Injection (Diesel)
	HFM-SFI	Hot-Film Engine Management Sequential Multiport Fuel Injection/Ignition
	LH-SFI	LH Sequential Multiport Fuel Injection System Engines 104, 119 Engine 120 Right Bank
ME-SFI	Motor Electronics with Sequential Multiport Fuel Injection/Ignition System Engine 119 Engine 120, Right Bank	
5	LH-SFI	LH Sequential Multiport Fuel Injection, Engine 120 Left Bank
	ME-SFI	Motor Electronics with Sequential Multiport Fuel Injection/Ignition System Engine 120 Left Bank
6	ABS	Anti-lock Brake System
	ETS	Electronic Traction System
	ASR	Acceleration Slip Regulation
	ESP	Electronic Stability Program
	EA	Electronic Accelerator+
7	ISC	Idle Speed Control
	CC	Cruise Control/Idle Speed Control
8	BM	Base Module
	BAS	Brake Assist
9	ASD	Automatic Locking Differential, Models 124, 129, 140
10	EATC	Electronic Automatic Transmission Control (5-speed AT) (722.6)
	ETC	Electronic Transmission Control (722.6)
11	ADS	Adaptive Damping System

12	SPS	Speed-sensitive Power Steering
13	TD	Speed Signal (Time Division) (Di) (Diesel) Models 202, 210
	TNA	Signal (Gasoline) on LH-SFI
	TN	Speed Signal (Di/KSS) (Gasoline) on HFM-SFI, ME-SFI
14	Lambda on/off ratio	
	LH-SFI Engine 119 LH-SFI Engine 120 LH-SFI, Right Bank	
15	Lambda on/off ratio	
	LH-SFI Engine 120 Left Bank IC Instrument Cluster	
16	HEAT	Automatic Heater
	TA/C	Air Conditioning (Tempmatic)
	AA/C	Air Conditioning (Automatic)
17	DI	Distributor Ignition, Engines 104, 119, Engine 120, Right
	TD	Speed Signal (Time Division) (Di) (Diesel) Model 140
	TN	Speed Signal (Di/KSS) (Gasoline) on LH-SFI / model 202 HFM-SFI
18	DI	Distributor Ignition, Engine 120, Left
19	DM	Diagnostic Module
20	PSE	Pneumatic System Equipment, Model 140
	MFCM	Multi-function Control Module, Model 210
21	CF	Convenience Feature, Model 140
	RST	Roadster Soft Top, Model 129
22	RB	Roll Bar, Model 129
23	ATA	Anti-theft Alarm
24-25	-	
26	ASD	Automatic Locking Differential, Model 202
27	-	
28	PTS	Parktronic System, Model 140
29	-	
30	AB	Airbag/emergency Tensioning Retractor
31	RCL	Remote Central Locking
32-33	-	
34	CNS	Communication and Navigation System
35	-	
36	STH	Stationary Heater
36	ZUH	Heater Booster
37-38	-	

**9-Pole Diagnostic Connector (1980-94)**

The 9-pole Diagnostic Connector is used on earlier model vehicles. It can display on-off ratio fault codes (1986 and later), RPM and Lambda sensor values. Various on-off ratio Meters are available that provide access to this type of diagnostic connector. Call Baum Tools at 800-848-6657 or 941-927-1414 for more information on these meters.