

Connector Layout of Vehicle Diagnostic Connector

8-pole Diagnostic Connector

Models 201, 124, 126

1		Ground
2		Not used
3	CIS-E	Continuous fuel injection system (CFI)
4	ELR EDS	Diesel injection system - Electronic idle speed control system Electronic diesel system
5	ASD 4MATIC	Automatic locking differential Automatic-engaged four wheel drive (124 only)
6	SRS	Supplemental Restraint System
7	A/C	Air Conditioning
8		Not used

A/C Self-Diagnostic Systems

Models	Model Years
124.026 124.030 124.050 124.090 124.051 124.230 124.290	1988-95
126.024 126.025 126.035 126.039 126.045 126.134 126.135	1988-91

Connect wires of Scanner as follows

Scanner	Data Link Connector 8-pin
Yellow	Socket 7
Black	Socket 1
Red	Battery (+)

FAULT CODE TABLE

DTC Readout	Possible Cause of Failure
1	No fault found
2	In car temperature sensor, short circuit
3	In car temperature sensor, open circuit
4	Outside temperature sensor, short circuit
5	Outside temperature sensor, open circuit
6	Evaporator temperature sensor, short circuit
7	Evaporator temperature sensor, open circuit
8	Heater core temperature sensor, short-circuit
9	Heater core sensor, open
12	Engine coolant temperature sensor, short circuit
13	Engine coolant temperature sensor, open circuit
30	Coolant pump, short circuit
31	Duo valve short circuit/open
33	A/C compressor control module short circuit
34	Auxiliary fan relay faulty
50	Switchover valve unit, faulty at between pins 5 and 8 (7 connections)
51	Switchover valve unit, faulty between pins 8 and 7 (7 connections)
52	Switchover valve unit, faulty between pins 8 and 3(7 connections)
54	Switchover valve unit, faulty between pins 8 and 4 (7 connections)
55	Switchover valve unit, faulty between pins 8 and 6(7 connections)
56	Switchover valve unit, faulty between pins 8 and 2(7 connections)
57	Switchover valve unit, faulty between pins 8 and 1(7 connections)