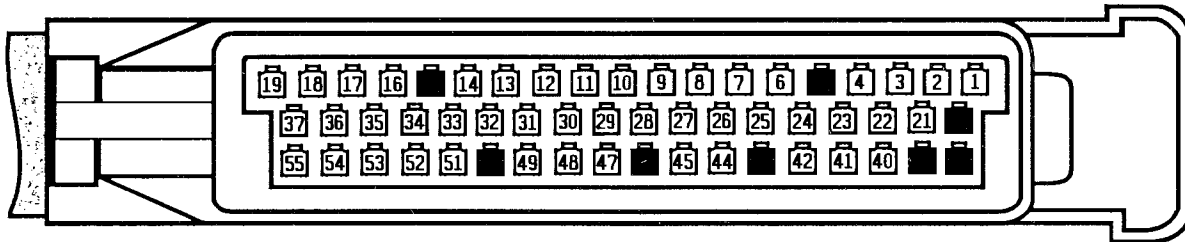


Pin assignment of DME control unit plug



Note

Slots marked black are not used.

1 Ignition coil	17 Injection valve cylinder 1
2 Ground, ignition output stage (MP IX)	18 Terminal 30
3 Ground (Fuel pump relay)	19 Ground, electronics
4 Idle speed positioner, opening winding	20 not used
5 not used	21 Check Engine warning lamp
6 Speed signal at rev counter	22 Idle speed positioner, closing winding
7 Air mass sensor signal	23 VarioCam
8 Hall sender signal	24 Ground of remaining output stages (MP IX)
9 Speed signal from speedometer	25 Hot-wire burnoff
10 Ground, electronics (MP VIII)	26 Ground, air mass sensor
11 Knock sensor 1	27 Terminal 15
12 Positive terminal, Hall sender / throttle	28 Oxygen sensor/idle CO potentiometer
13 Diagnostics L-wire	29 Knock sensor 2
14 Ground, injection valves (MP IX)	30 Ground NTC/shield knock sensor
15 not used	31 Knock yes/no
16 Injection valve cylinder 3	32 Control of AC relay

- 33 Tank venting valve
- 34 Injection valve cylinder 2
- 35 Injection valve cylinder 4
- 36 DME relay 85
- 37 DME relay 87
- 38 not used
- 39 not used
- 40 AC switch input
- 41 Coolant temperature switch (115°C)
- 42 Position switch (selector lever)
- 43 not used
- 44 Ground, version coding
- 45 Engine temperature sensor 2
- 46 not used
- 47 Oil temperature sensor
- 48 Speed signal / reference mark
- 49 Speed signal / reference mark
- 50 not used
- 51 Ignition angle cut-in (Tiptronic)
- 52 Throttle position to transmission control unit
- 53 Signal from throttle potentiometer
- 54 Version coding
- 55 Diagnosis for lead K