

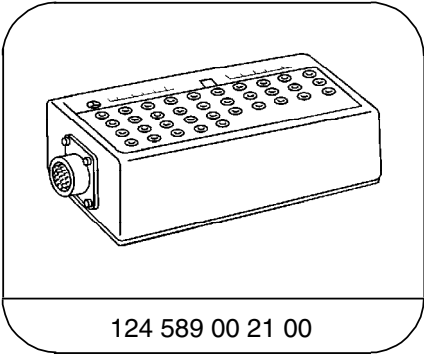
Electrical Test Program - Preparation for Test

Preliminary work: Diagnosis – Diagnostic Trouble Code (DTC) Memory 11

- 1. Ignition: **OFF**
- 2. Remove covering from left instrument panel.
- 3. Remove diagnostic module (N59).
- 3. Connect socket box with test cable
(according to connection diagram on next page).

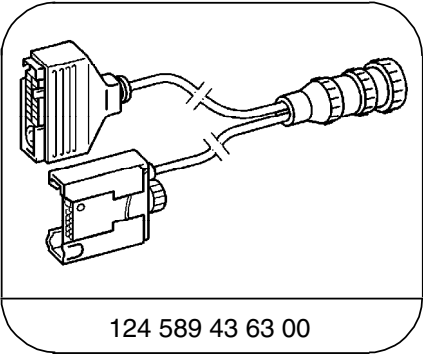
Electrical wiring diagrams, see Electrical Troubleshooting Manual.

Special Tools



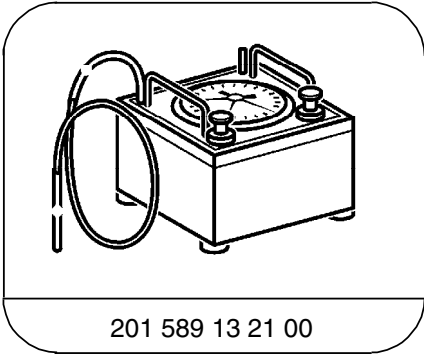
124 589 00 21 00

35-pin socket box



124 589 43 63 00

22-pin test cable



201 589 13 21 00

Tester

Equipment

Digital multimeter ¹⁾	Sun DMM-5 Fluke models 23, 83, 85, 87
----------------------------------	--

¹⁾ Available through the MBUSA Standard Equipment Program.

Electrical Test Program - Preparation for Test

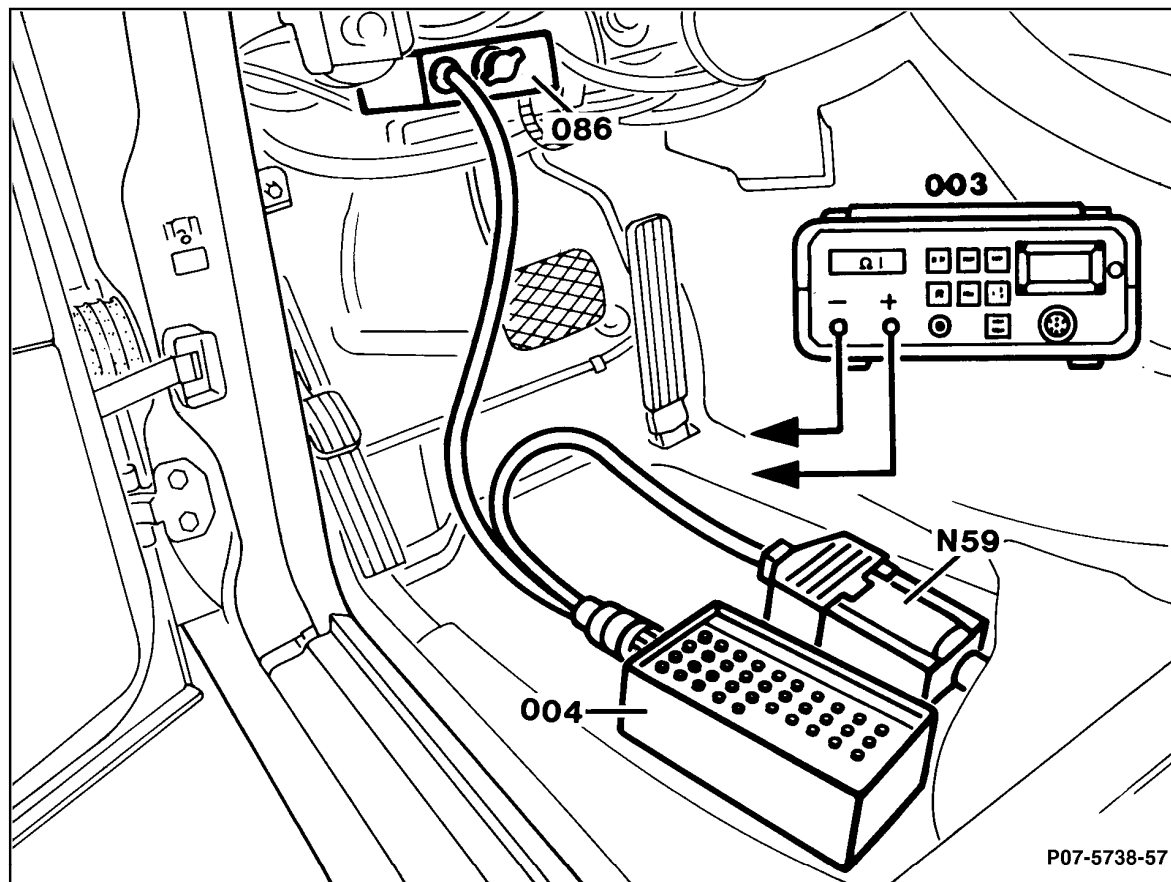
Connection Diagram – Socket Box
Model 124

Figure 1

- 003 Multimeter
- 004 Socket box (35-pole)
- 086 Test cable
- N59 Diagnostic module

P07-5738-57

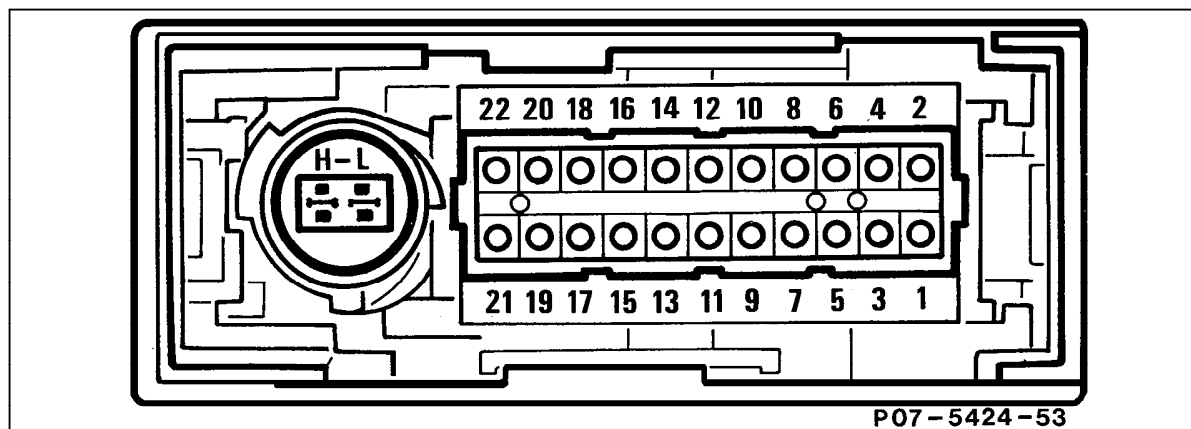
P07-5738-57

Electrical Test Program - Preparation for Test

Terminal Layout of Diagnostic Module
Model 124

Figure 2

- | | |
|---------|--|
| 1 | Main ground
(behind instrument cluster, W1) |
| 2 | Ground bridge, coding |
| 3 | Voltage supply, circuit 87 |
| 4 | Voltage supply, circuit 30 (fuse 9) |
| 5 | Not used |
| 6 | Diagnostic wire at diagnostic
connector X11/21 |
| 7 | Not used |
| 8 | Not used |
| 9 | "CHECK ENGINE" malfunction
indicator lamp |
| 10 | Main ground
(behind instrument cluster, W1) |
| 11 – 17 | Not used |
| 18 | Diagnostic module pressure sensor |
| 19 – 21 | Not used |
| 22 | Diagnostic module pressure sensor |
| H | Data line (+)
Controller Area Network
(Engine control module, electronic accelerator/cruise control/idle speed control module) |
| L | Data line (–)
Controller Area Network
(Engine control module, electronic accelerator/cruise control/idle speed control module) |



P07-5424-53