

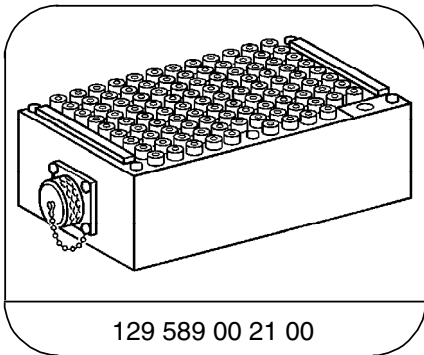
Electrical Test Program - Preparation for Test

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

1. Ignition: **OFF**
2. Remove diagnostic module (N59).
3. Connect socket box with contact module 3 and contact box (according to connection diagram on next page).
4. **Test steps 1.2 – 1.3 and 2.1 – 2.2 only:** Ignition: **OFF**, remove base module (N16/1) and connect socket box with contact module 1 and contact box (see Diagnostic Manual, Chassis and Drivetrain, Volume 1, section 1 22).

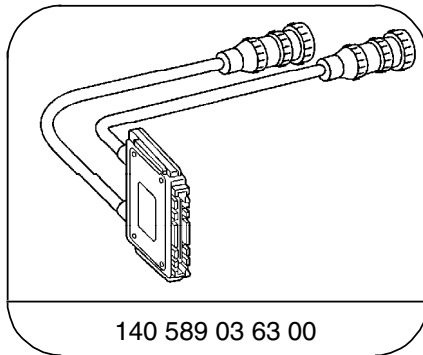
Electrical wiring diagrams, see Electrical Troubleshooting Manual.

Special Tools



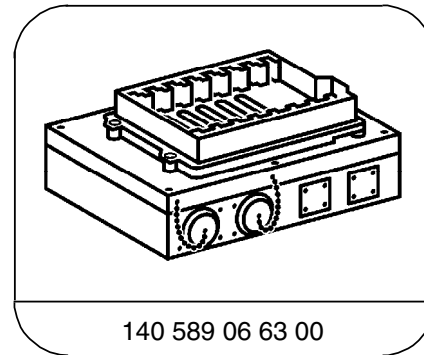
129 589 00 21 00

126-pin socket box



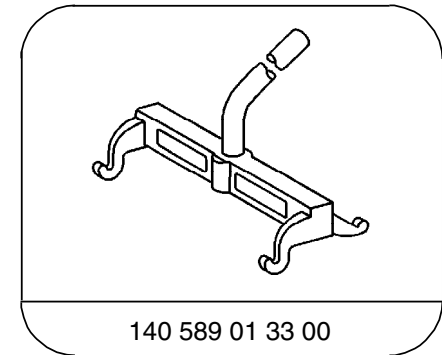
140 589 03 63 00

Contacting module 3



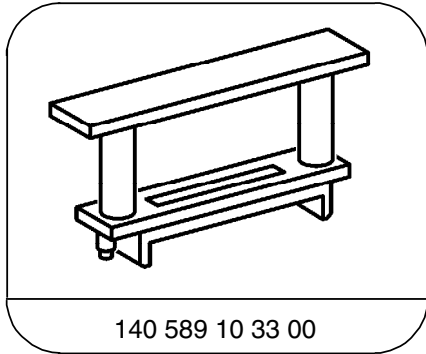
140 589 06 63 00

Contacting box



140 589 01 33 00

Mounting lever



Spacer

Equipment

Digital multimeter ¹⁾	Sun DMM-5 Fluke models 23, 83, 85, 87
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¹⁾ Available through the MBUSA Standard Equipment Program.

Electrical Test Program - Preparation for Test

Connection Diagram – Socket Box
Model 140

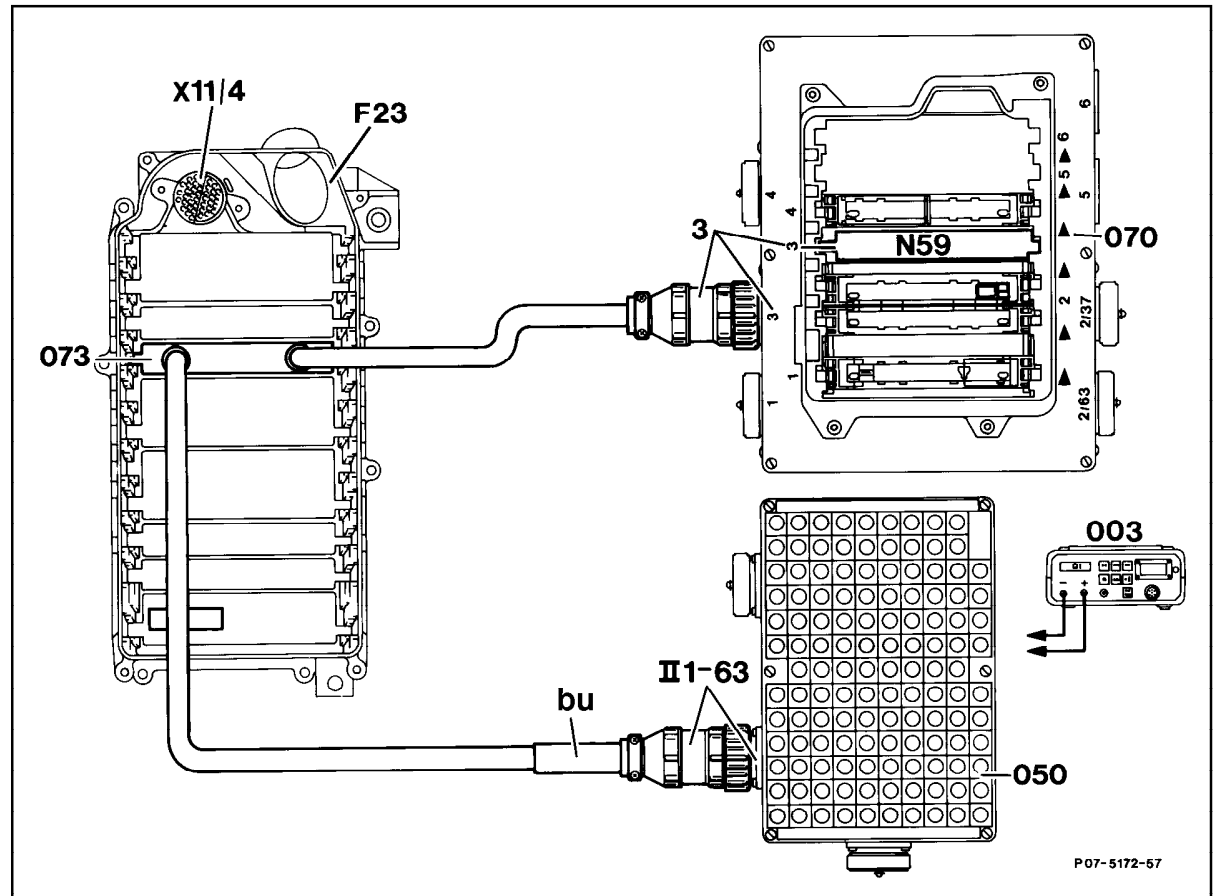


Figure 1

- 003 Multimeter
- 050 Socket box (126-pole)
- 070 Contact box
- 073 Contact module 3
- F23 Module box
- N59 Diagnostic module
- X11/4 Diagnostic connection
(diagnostic trouble code, 38-pole)
- bu blue

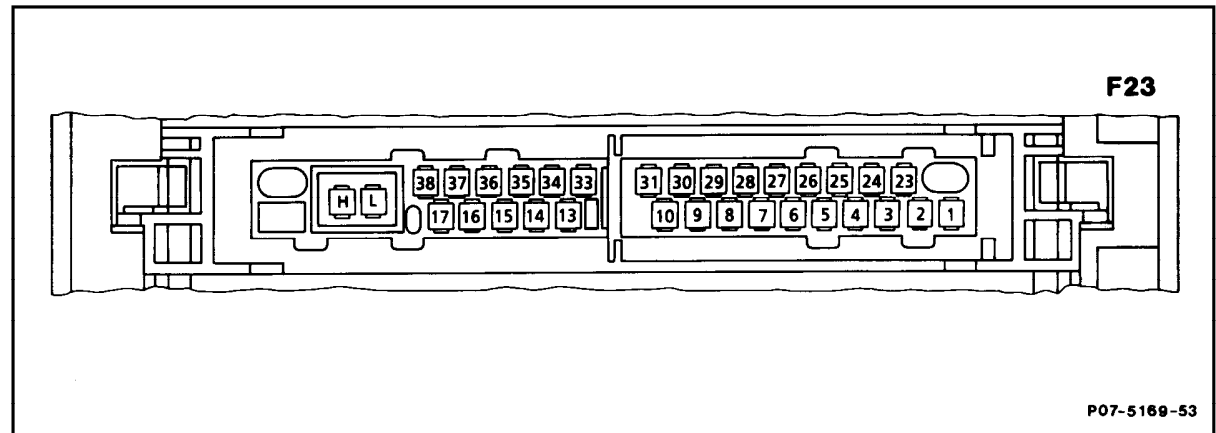
Electrical Test Program - Preparation for Test

Terminal Layout of Diagnostic Module Model 140

Figure 2

- 1 – 4 Not used
- 5 Voltage supply, circuit 30
- 6 – 8 Not used
- 9 Coding
- 10 – 24 Not used
- 25 Ground (W15)
- 26 Voltage supply, circuit 87
- 27 Diagnostic wire at test connection X11/4
- 28 "CHECK ENGINE" malfunction indicator lamp
- 29 Coding
- 30 Coding
- 31 – 32 Not used
- 33 Diagnostic wire at test connection X11/21
- 34 – 38 Not used

- L Data line (-)
Controller Area Network
(LH-SFI control module, ignition control module, electronic accelerator/cruise control/idle speed control module, ABS/ASR control module)
- H Data line (+)
Controller Area Network
(LH-SFI control module, ignition control module, electronic accelerator/cruise control/idle speed control module, ABS/ASR control module)



P07-5169-53