

Electrical Test Program – Preparation for Test

Preliminary work:

Diagnosis - Diagnostic Trouble Code (DTC) Memory 12

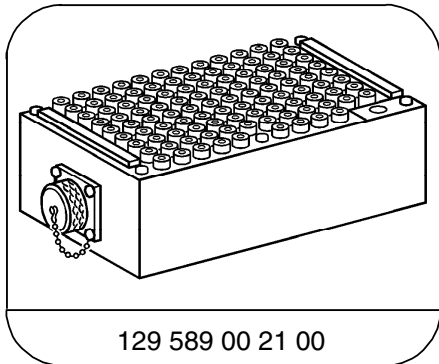
Preparation for Test

1. Fuse F4-1, F4-2, F4-3, F4-4 and F1-22 ok,
2. Battery voltage 11 – 14 V.
3. Disconnect battery ground cable prior to connecting or disconnecting any electrical connector to the combination control module (N10-1) (to prevent the storing of erroneous diagnostic trouble codes).

Electrical wiring diagrams :

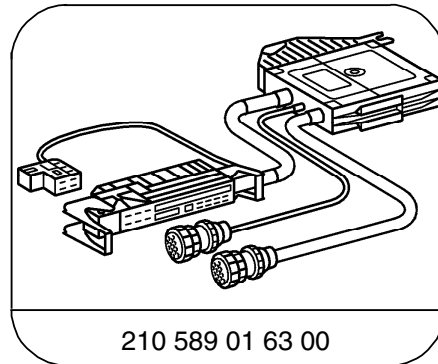
Electrical Troubleshooting Manual, Model 210, Volume 2, group 72, 77, 82

Special Tools



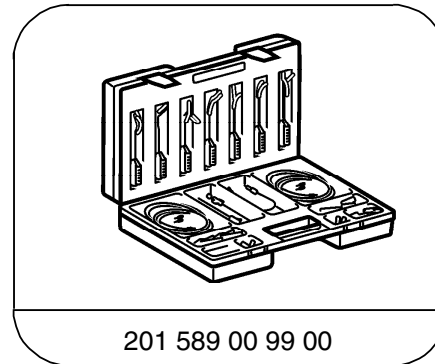
129 589 00 21 00

126-pin socket box



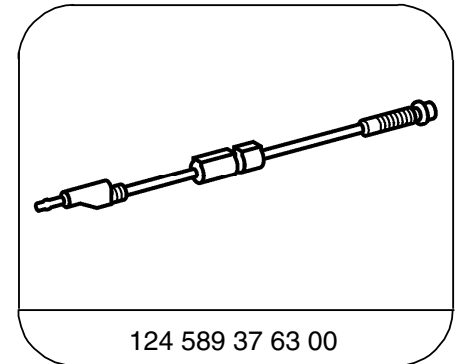
210 589 01 63 00

78-pin test cable



201 589 00 99 00

Electrical connecting set

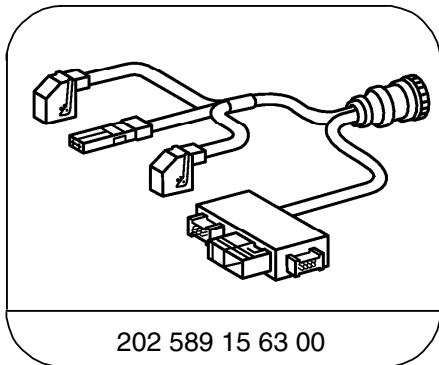


124 589 37 63 00

Fused cable

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Special Tools



18-pin and 12-pin CAN test cable

Conventional tools, test equipment

Description	Brand, model, etc.
Multimeter ¹⁾	Fluke models 23, 83, 85, 87

¹⁾ Available through the MBUSA Standard Equipment Program.

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Connection Diagram - Socket Box

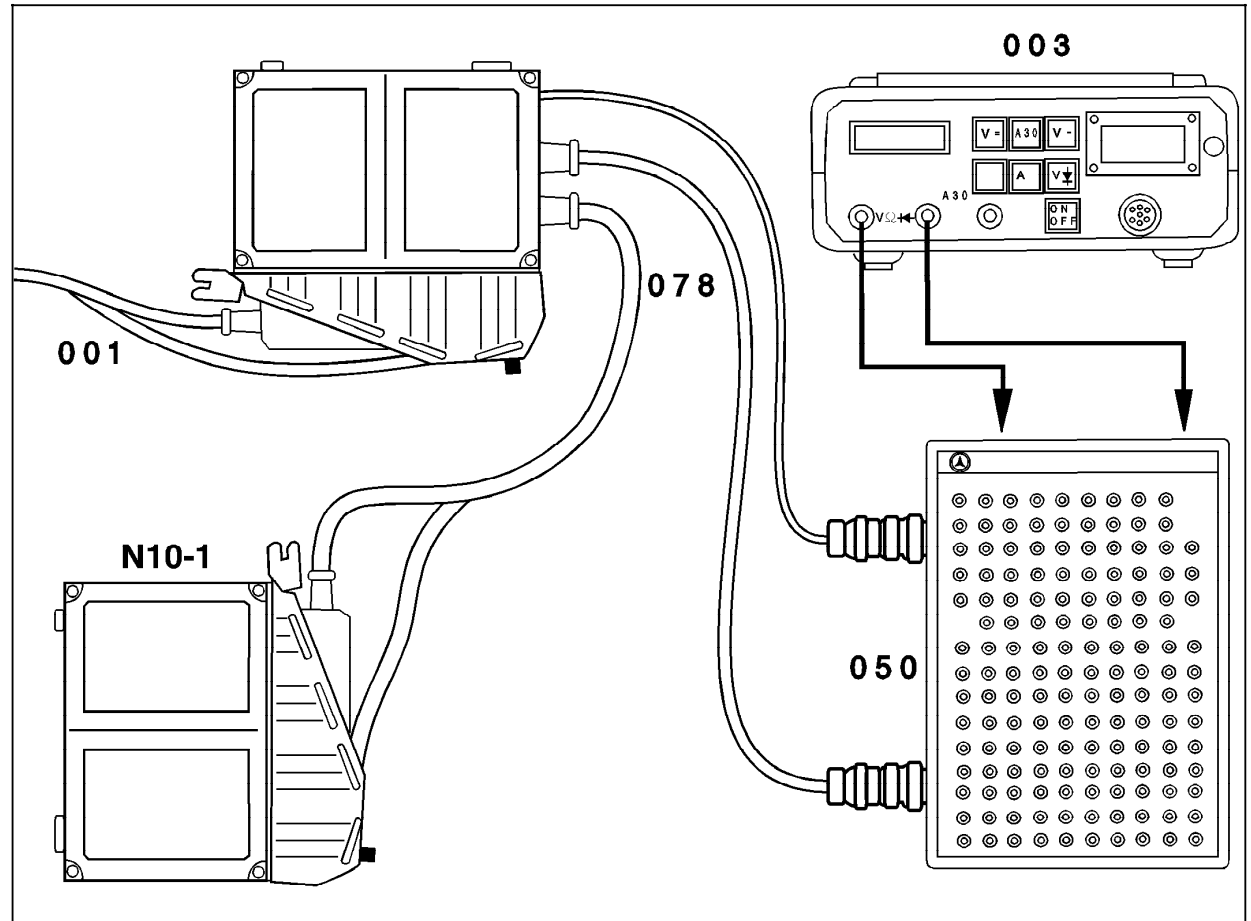


Figure 1

- 001 Vehicle harness
- 003 Multimeter
- 050 Socket box (126-pole)
- 078 Test cable 210 589 01 63 00
- N10-1 Combination control module

U82.40-0210-06

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Connection Diagram - Socket Box

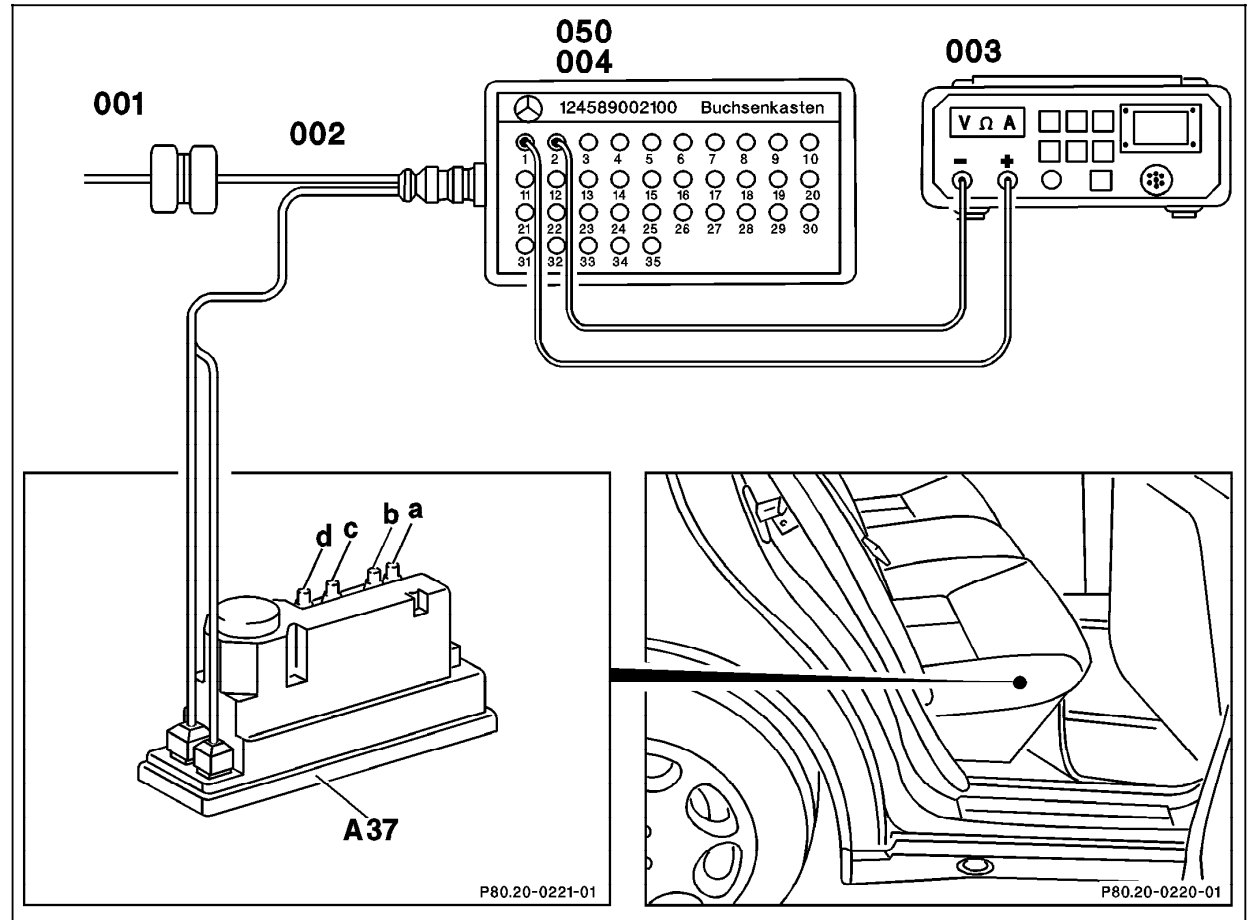


Figure 2

- A37 PSE control module, combined functions
- 001 PSE connector
- 002 Test cable set
- 003 Multimeter
- 004/050 Socket box

P80.20-0221-01
P80.20-0220-01
P80.20-0213-06