

9.2 Traction Systems (ASR, ETS)

Electrical Test Program - Preparation for Test

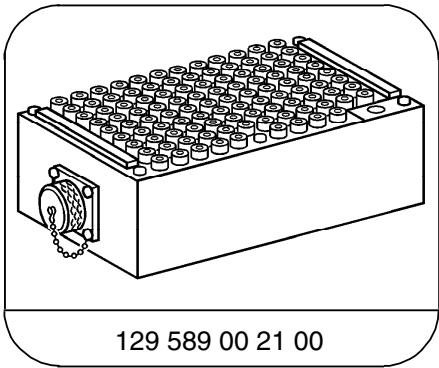
- 1. Ignition: **OFF**
- 2. Disconnect ASR/SPS or ETS/SPS control module (N47/1 or N47/2).
- 3. Connect socket box with test cable as per connection diagram (Figure 1).

Electrical Wiring Diagrams:
Electrical Troubleshooting Manual, Model 202.



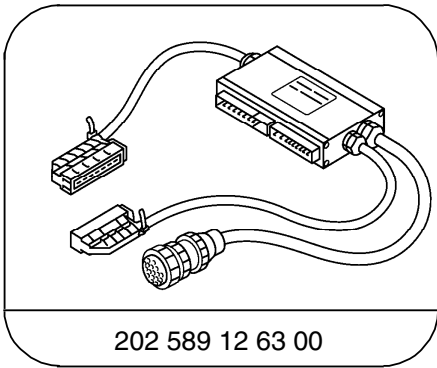
When exchanging an ETS/SPS control module, the replacement module must have the code data entered via the HHT. Follow instructions on HHT display.

Special Tools



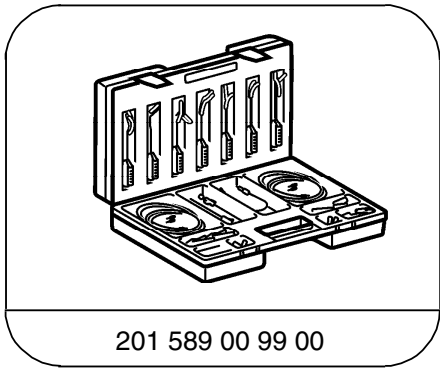
129 589 00 21 00

126-pin socket box



202 589 12 63 00

Test cable, 61-pin



201 589 00 99 00

Electrical connecting set

Conventional tools, test equipment

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

¹⁾ Available through the MBUSA Standard Equipment Program.

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Connection Diagram – Socket Box Model 202

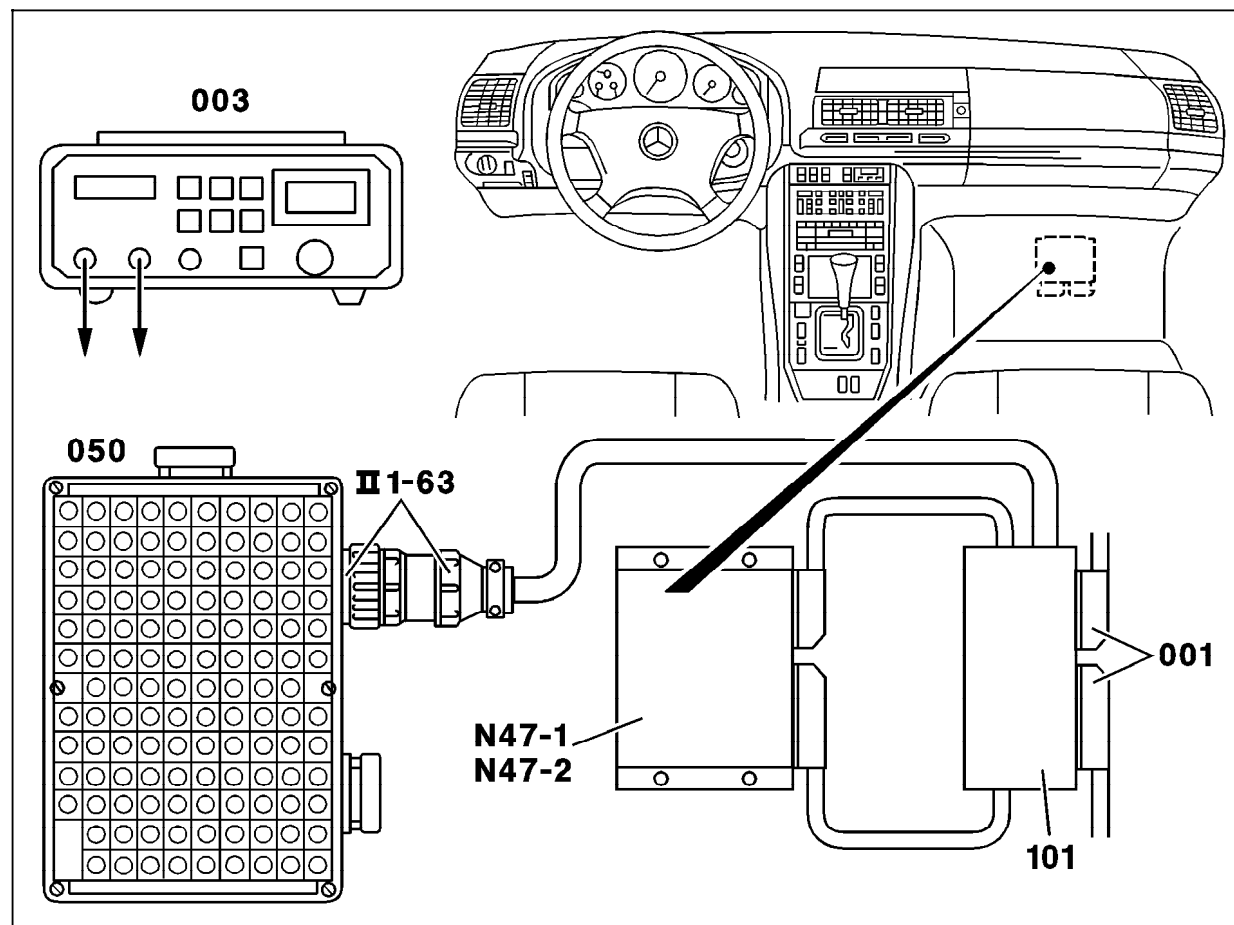


Figure 1

- 001 Control module connector
- 003 Digital multimeter
- 050 Socket box, 126-pole
- 101 Test cable, 1404 589 39 63 00
- N47-1 ASR/SPS control module
- N47-2 ETS/SPS control module

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Connection Diagram – Socket Box Model 210

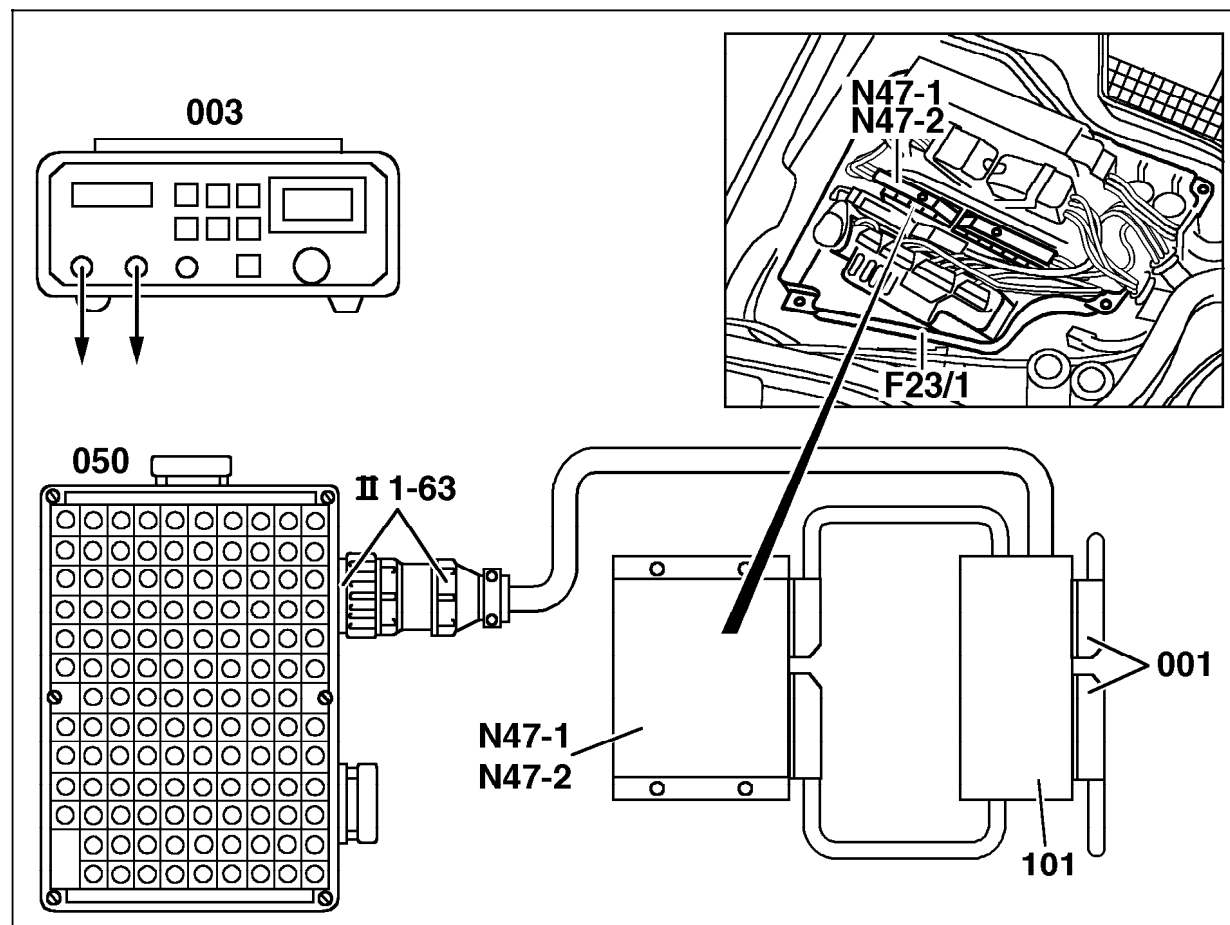


Figure 2

- 001 Control module connector
- 003 Digital multimeter
- 050 Socket box, 126-pole
- 101 Test cable, 1404 589 39 63 00
- N47-1 ASR/SPS control module
- N47-2 ETS/SPS control module

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