

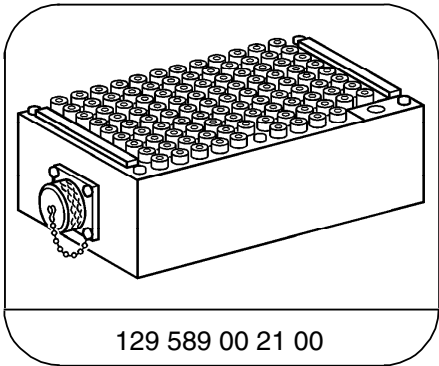
9.4 Traction Systems (ETS) (4MATIC) and SPS

Electrical Test Program – Preparation for Test

- 1. Review section 0 and 21
- 2. Review electrical wiring diagram: PE42.00-P-1100A
- 3. Additionally review 22 and 23 (connector connections).
- 4. Ignition: **OFF**
- 5. Disconnect ET/SPS control module (N47-2).
- 6. Connect socket box with test cable as per connection diagram (Figure 1).

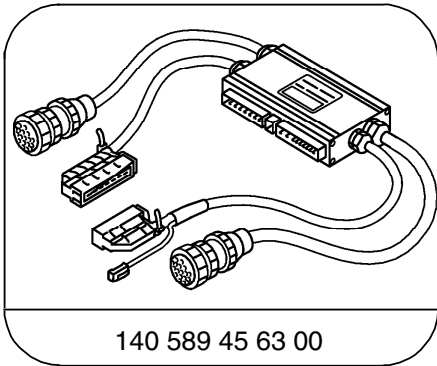
Electrical Wiring Diagrams:
(location of grounds and connectors).
Electrical Troubleshooting Manual, Model 210, Group 42 and 00

Special Tools



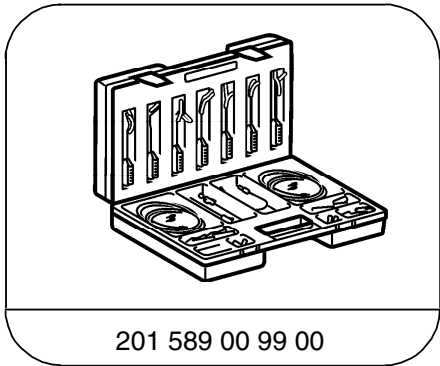
129 589 00 21 00

126-pin socket box



140 589 45 63 00

80-pin test cable



201 589 00 99 00

Electrical connecting set

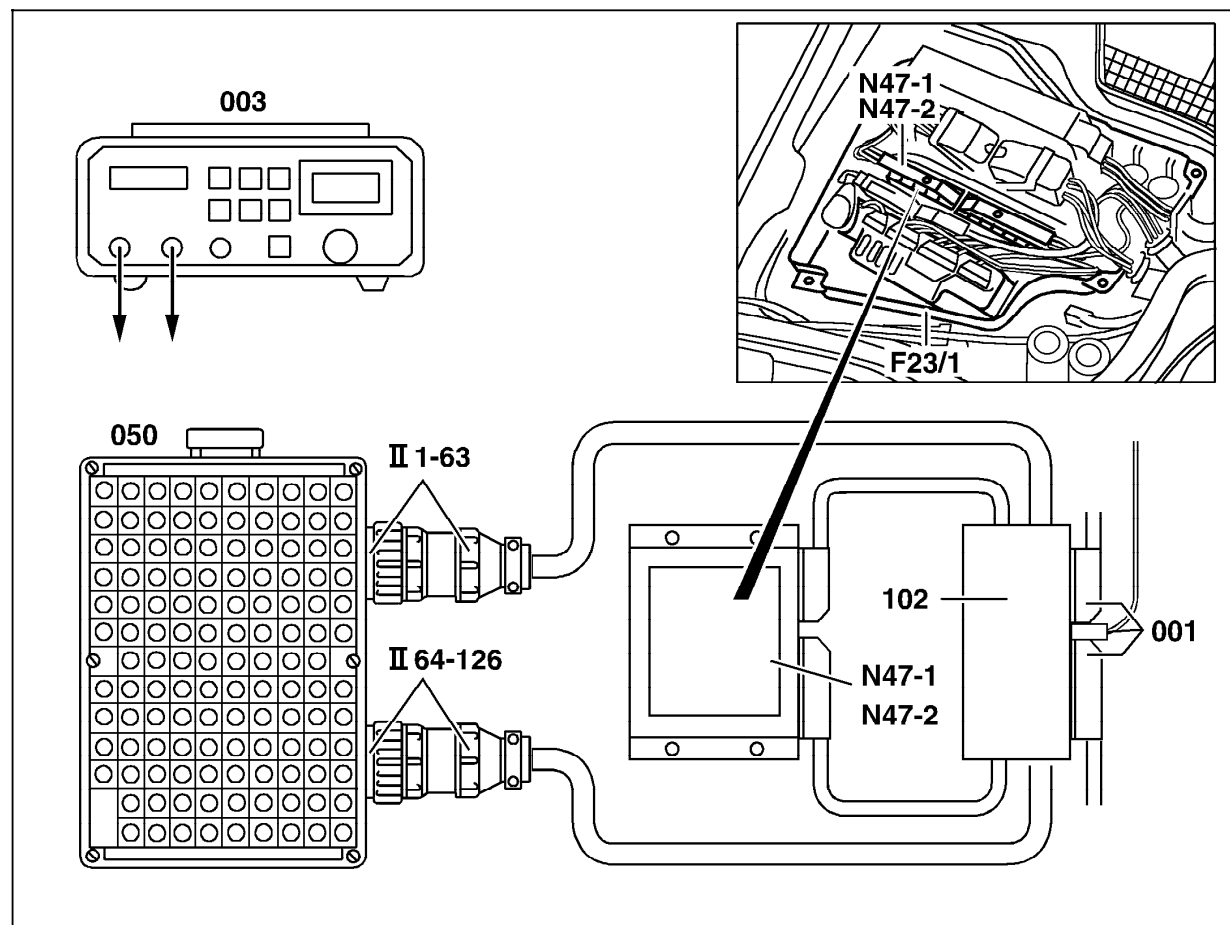
Test equipment; See MBUSA Standard Service Equipment Program

Description	Brand, model, etc.
Digital multimeter	Fluke models 23, 77 III, 83, 85, 87

9.4 Traction Systems (ETS) (4MATIC) and SPS

Electrical Test Program – Preparation for Test

Connection Diagram – Socket Box



P42.40-0269-06

Figure 1

- 001 Control module connector
- 003 Digital multimeter
- 050 Socket box, 126-pole
- 102 Test cable
- F23/1 Control module box
- N47-2 ETS/SPS control module