

10.4 Electronic Stability Program (ESP)

Electrical Test Program – Preparation for Test

⚠ WARNING!

Life threatening injuries possible due to vehicle slipping or toppling off while on lift.

Prior to lift vehicle completely (wheels still in contact with floor), ensure that the vehicle is centered within the lift columns and lift arm supports are correctly placed onto the vehicle contact points.

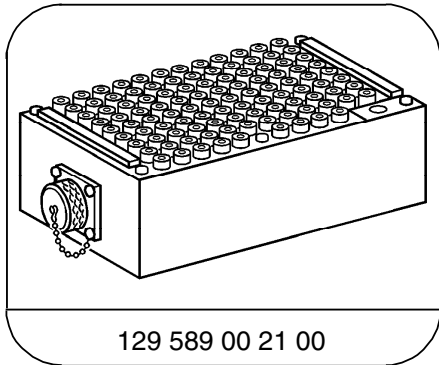
1. Review 11, 21, 22, 23,
2. Additionally review section 0,
3. Ignition: **OFF**
4. Provide access to ESP control module (N47-5).

Electrical Wiring Diagrams:

(location of grounds and connectors).

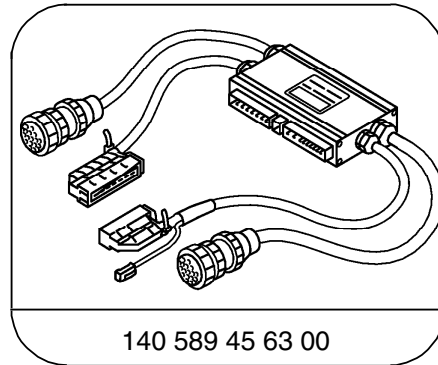
Electrical Troubleshooting Manual, Model 163, (WIS only)

Special Tools



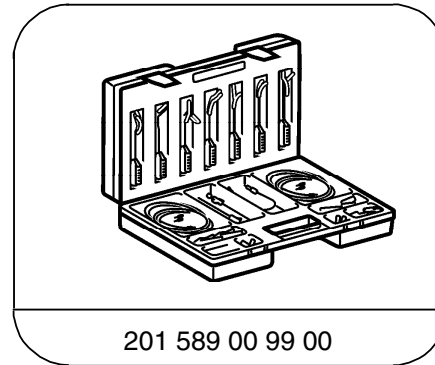
129 589 00 21 00

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

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Connection Diagram – Socket Box

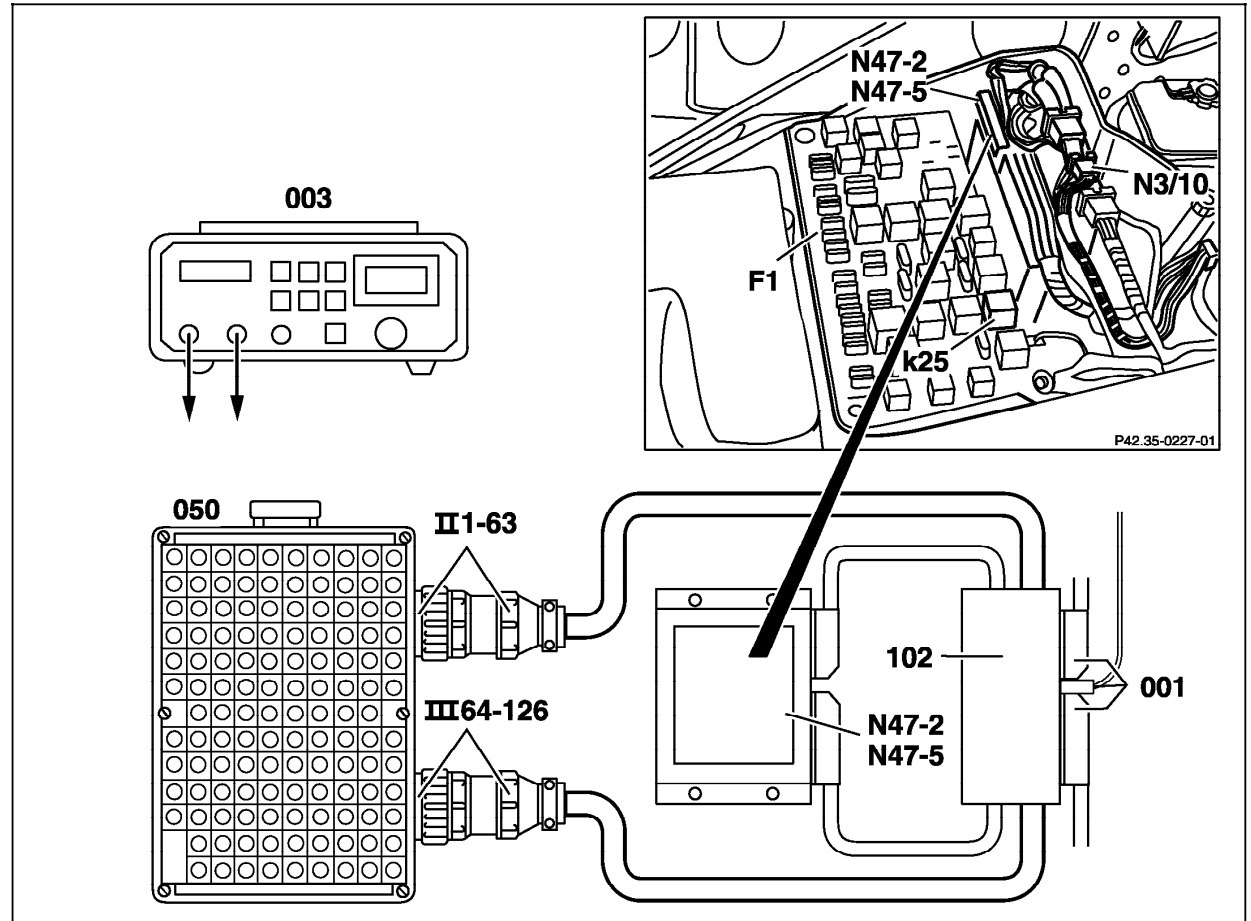
Figure 1

- 001 Control module connector
- 003 Digital multimeter
- 050 Socket box, 126-pole
- 102 Test cable
- F1 Fuse and relay box
K25 High-pressure/return pump relay
- N3/10 Engine control module (ME-SFI)
- N47-5 ESP/BAS control module



Socket box connections:

Socket box number	N47-5 (connector/PIN)
1-30	(1.1) - (1.30)
33	(3.H)
34	(3.L)
35 - 82	(2.1) - (2.48)



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