

Electrical Test Program – Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
1.0	Instrument cluster (A1) Voltage supply Circuit 30		Ignition: OFF Remove A1 Disconnect connector 1 (30-pole)	11 – 14 V	Fuse 4 in fuse and relay box (F1), Wiring, ⇒ 1.1
1.1	Voltage supply Circuit 15, fused		Ignition: ON	11 – 14 V	Fuse 7 in fuse and relay box (F1), Wiring, A1
2.0	HHT interface Connection between A1 and data link connector (X11/4)		Ignition: OFF Remove A1, Disconnect connector 1 (30-pole)	< 5 Ω	Wiring.
3.0	ECL switch (S41)		Ignition: OFF Remove coolant reservoir Disconnect connector at ECL switch (S41). Coolant level OK: Coolant level min.	110 Ω <5 Ω	S41

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4.0	Windshield washer fluid level switch (S42)		Ignition: OFF Disconnect connector at S42. Washer fluid level OK: washer fluid level min.	174 Ω <5 Ω	S42
5.0	SRS MIL (A1e15) Bulb		Ignition key in Position "2".	A1e15 is illuminated and then extinguishes after 4 seconds.	Bulb (A1e15), Wiring, SRS control module (N2/2).

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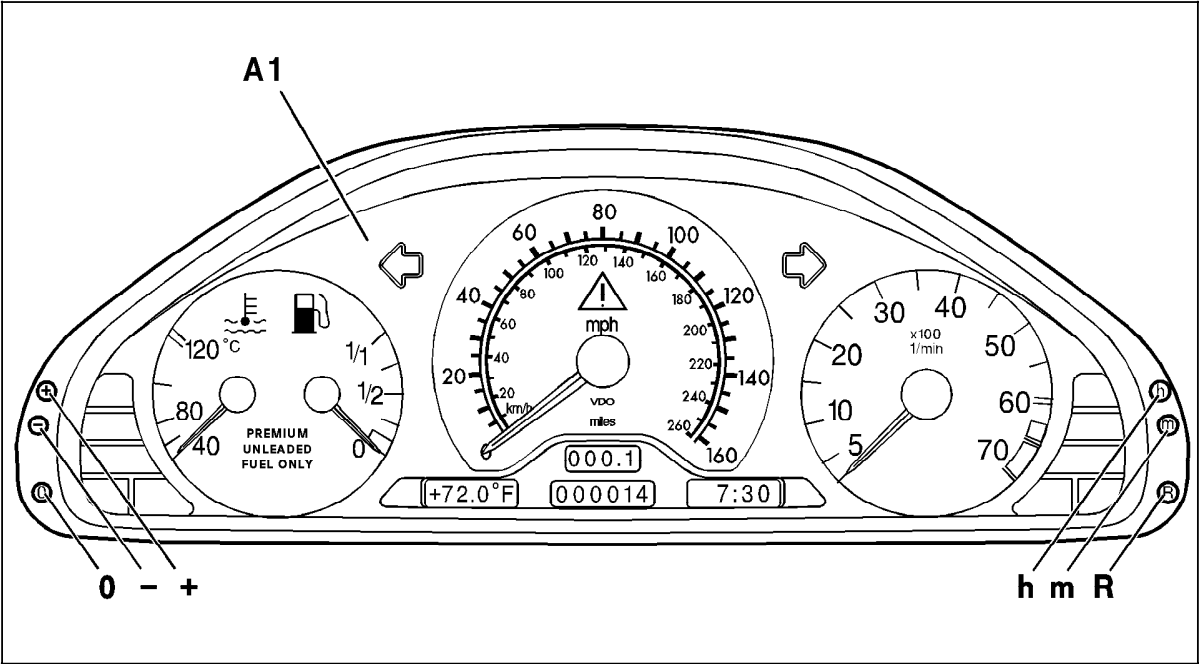


Figure 1
A1 Instrument cluster with multifunction display

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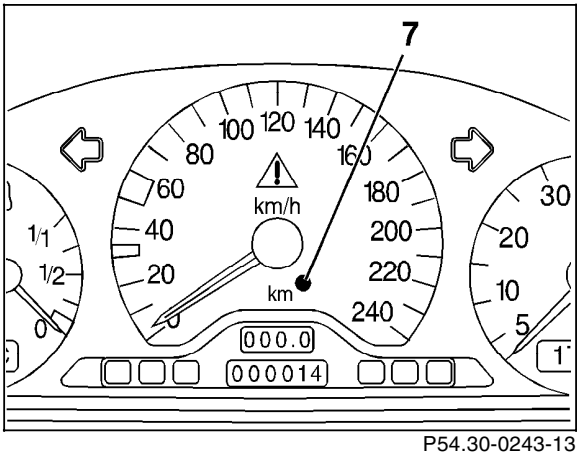


Figure 2

7 Photo transistor

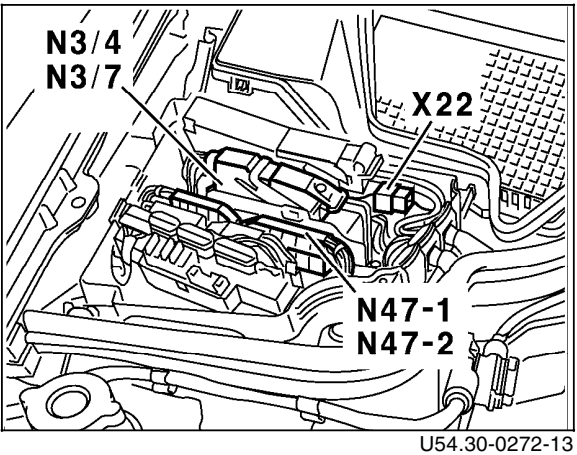


Figure 3

N3/4 Engine control module (HFM-SFI)
N3/7 IFI control module
N47-1 ASR/SPS control module
N47-2 ETS/SPS control module
X22 AT connector