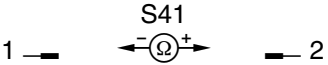
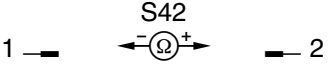


Electrical Test Program – Test

⇒	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	Instrument cluster (A1) Data line from traction system control module (N47) ETS or ASR:		Remove A1, Disconnect connector 1	5 Ω	Wiring, Values OK: N47, D.M., Chassis and Drivetrain, Vol. 3 – 9.1 23

Electrical Test Program – Test

⇒	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
4.0	ECL switch (S41)		Ignition: OFF Remove coolant reservoir. Coolant level OK: Coolant level min.	110 Ω 5 Ω	S41
5.0	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
6.0	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).

Electrical Test Program – Test

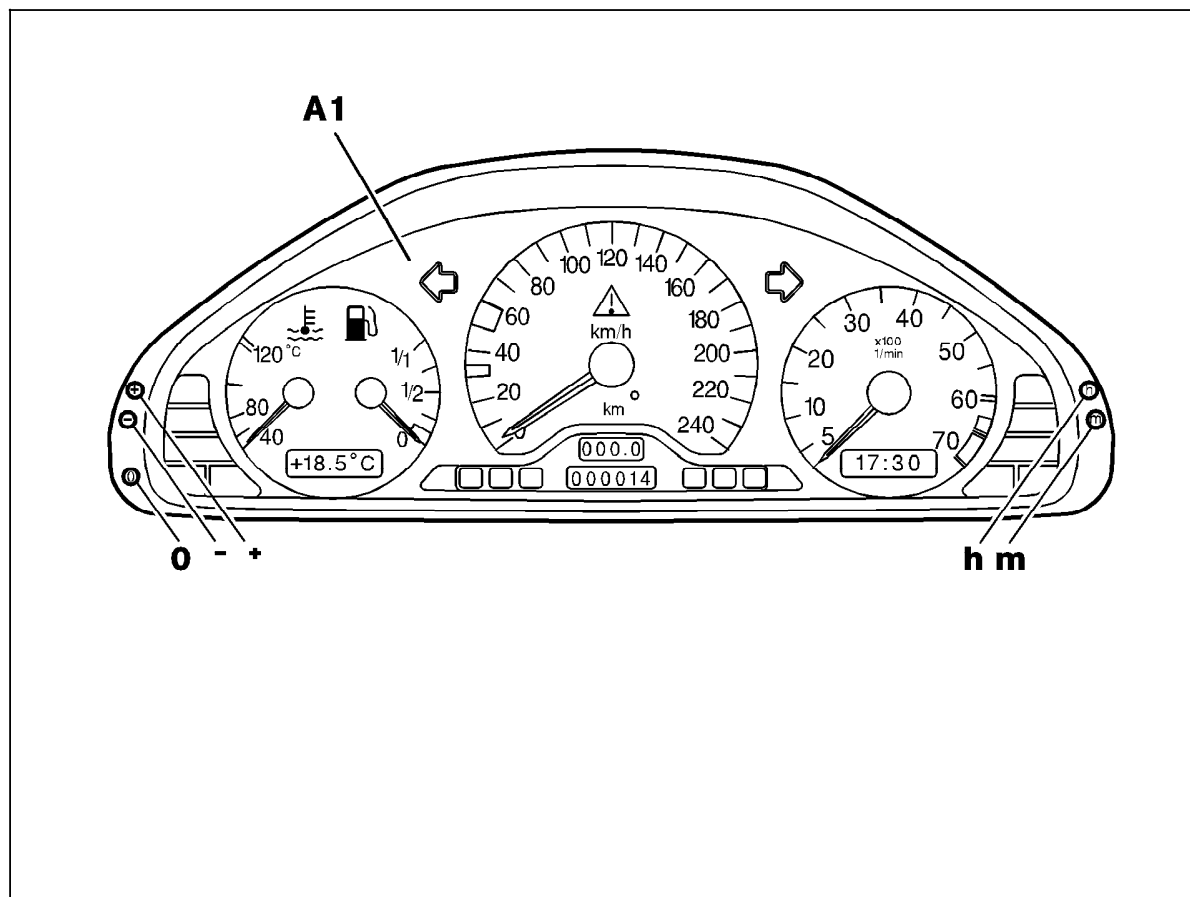
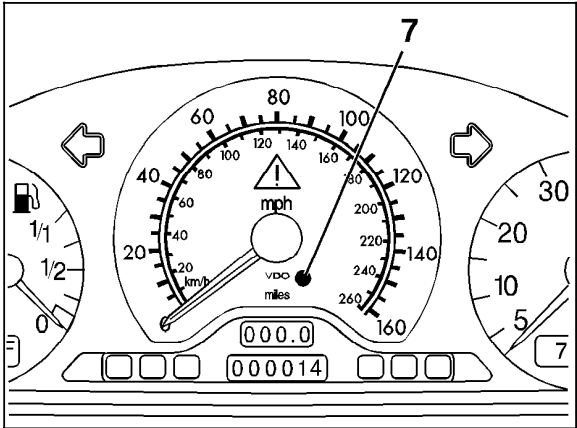


Figure 1

A1 Instrument cluster

P54.30-0314-55

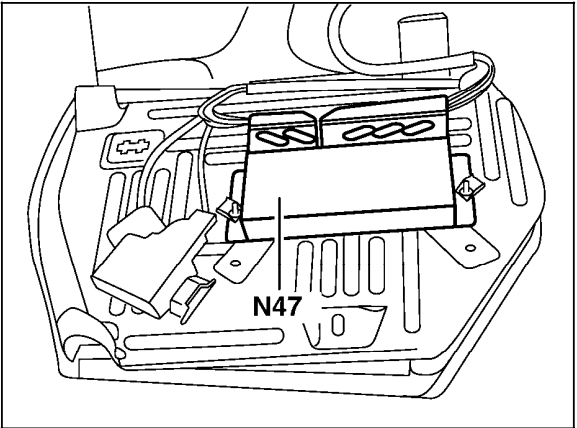
Electrical Test Program – Test



P54.30-0322-13

Figure 2

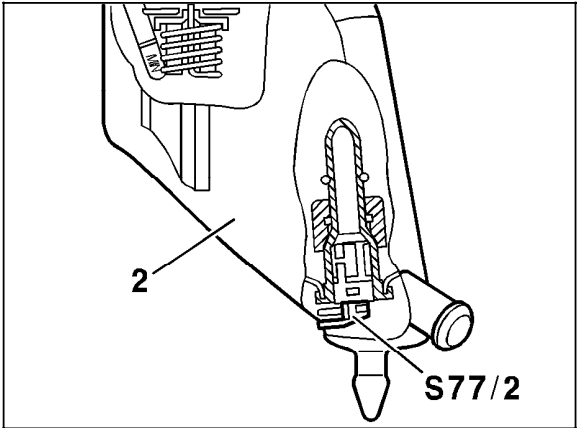
7 Photo transistor



P54.30-0313-13

Figure 3

N47 Traction system control module



P54.30-0274-13

Figure 4

S77/2 Hydraulic fluid level switch
2 Oil reservoir for level control and power steering