

### Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy <sup>1)</sup>
Entire instrument cluster (A1) not functioning.	Power supply, Instrument cluster (A1).	23 ⇒ 1.0
Indicator lamps for ABS, ASR, brake pad wear, brake fluid, parking brake, ASD/ASR and generator charge are not functioning.	Power supply, Instrument cluster (A1).	23 ⇒ 1.0
Illumination for odometer, clock and outside temperature display LCD not operating.	Bulbs, Exterior lamp switch (S1), Instrument cluster (A1).	23 ⇒ 1.0, 2.0
Instrument cluster illumination not operating.	Bulbs, Exterior lamp switch (S1), Instrument cluster (A1).	23 ⇒ 2.0
Fuel level gauge (A1p2) inaccurate or not operating.	Instrument cluster (A1), Fuel level sensor(s) (B4/1 or B4/2).	23 ⇒ 3.0
Tachometer (A1p5) inaccurate or not operating.	Instrument cluster (A1), TN-signal.	23 ⇒ 4.0
Low engine oil level indicator lamp (A1e12) illuminated with proper engine oil level status.	Instrument cluster (A1), Oil level switch (S43).	23 ⇒ 5.0
Electronic speedometer (A1p8) false reading.	Instrument cluster (A1), Vehicle speed signal (VSS).	23 ⇒ 6.0
Outside temperature display (A1p4) false reading or not operating.	Outside temperature indicator temperature sensor (B14), Instrument cluster (A1).	23 ⇒ 7.0

<sup>1)</sup> Observe Preparation for Test, see 22.

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ECT gauge (A1p1) inaccurate or not operating.	ECT gauge sensor (B13), Instrument cluster (A1).	23 ⇒ 8.0
Low ECL indicator lamp (A1e11) illuminated or not functioning.	ECL switch (S41), Instrument cluster (A1).	23 ⇒ 9.0
Low windshield washer fluid level indicator lamp (A1e13) illuminated or not functioning.	Windshield washer fluid level switch (S42), Instrument cluster (A1).	23 ⇒ 10.0
Brake pad wear indicator lamp (A1e6) illuminated or not functioning.	Brake pads, Left/right front brake pad wear sensor (S10/1 or S10/2), Instrument cluster (A1).	23 ⇒ 11.0
Low brake fluid level/parking brake indicator lamp (A1e7) illuminated or not functioning.	Brake fluid level switch (S11), Parking brake switch (S12), Instrument cluster (A1).	23 ⇒ 12.0
Generator charge indicator lamp (A1e5) illuminated or not functioning.	Generator (G2), Instrument cluster (A1).	23 ⇒ 13.0
SRS MIL (A1e15) not functioning.	SRS control module (N2/2), Instrument cluster (A1).	23 ⇒ 14.0
ABS MIL (A1e17) not functioning.	ABS control module (N30), Instrument cluster (A1).	23 ⇒ 15.0
ASD MIL (A1e24) not functioning.	ASD control module (N30/2), Instrument cluster (A1).	23 ⇒ 16.0
ASR MIL (A1e22) not functioning.	ASR control module (N30/1), Instrument cluster (A1).	23 ⇒ 17.0

<sup>1)</sup> Observe Preparation for Test, see 22.

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ASD warning lamp (A1e25) not functioning.	ASD control module (N30/2), Instrument cluster (A1).	23 ⇒ 18.0
ASR warning lamp (A1e21) not functioning.	ASR control module (N30/1), Instrument cluster (A1).	23 ⇒ 19.0
“CHECK ENGINE” MIL (A1e26) illuminated or not functioning.	Diagnostic module (OBD II) (N59/1), Instrument cluster (A1).	23 ⇒ 20.0

<sup>1)</sup> Observe Preparation for Test, see 22.