

### Diagnosis – Complaint Related Diagnostic Chart

#### Instrument Cluster

Complaint/Problem	Possible cause	Remedy/Test step <sup>1)</sup>
Entire instrument cluster (A1) not functioning.	Power supply, Electronic circuit board.	23 ⇒ 1.0
Indicator lamps for ABS, ASR, roll bar, charge control, brake pad wear, brake fluid, parking brake and ADS are not functioning.	Power supply, Electronic circuit board.	23 ⇒ 1.0
Instrument cluster illumination not operating.	Bulbs ( 23, Figure 2), Exterior lamp switch (S1), Electronic circuit board.	23 ⇒ 2.0
Fuel tank gauge (A1p2) inaccurate or not operating.	A1p2, Fuel level sensor (B4).	23 ⇒ 3.0
Fuel consumption gauge (A1p10) inaccurate or not operating.	A1p10, Fuel consumption signal from CFI, LH-SFI, engine control module (HFM-SFI).	23 ⇒ 4.0
Engine oil pressure gauge with warning lamp (A1p3) inaccurate or not operating.	A1p3, Oil pressure sensor (B5).	23 ⇒ 5.0
Engine oil pressure gauge with warning lamp (A1p3) stays on continuously.	Oil pressure sensor (B5), Electronic circuit board.	23 ⇒ 5.0 23 ⇒ 6.0

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

### Diagnosis – Complaint Related Diagnostic Chart

#### Instrument Cluster (continued)

Complaint/Problem	Possible cause	Remedy/Test step <sup>1)</sup>
Tachometer (A1p5) inaccurate or not operating.	A1p5	23 ⇒ 7.0
Low engine oil level indicator lamp (A1e12) lights up but oil level is OK.	Oil level switch S43)	23 ⇒ 8.0
Electronic speedometer (A1p8) inaccurate or not operating.	Electronic circuit board <sup>2)</sup> , A1p8, Transmission inductive speed sensor (L2), Vehicle speed signal from ABS or ASR control module (N30 or N30/1).	23 ⇒ 9.0
Outside temperature display (A1p4) inaccurate or not operating.	Electronic circuit board <sup>2)</sup> , A1p4, Outside temperature sensor (B14).	23 ⇒ 10.0
ECT gauge (A1p1) inaccurate or not operating.	A1p1 ECT gauge sensor (B13)	23 ⇒ 11.0

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

<sup>2)</sup> Verify that correct part number/version is installed.