

Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy <sup>1)</sup>
Turn signals and hazard flasher not functioning	Signal pickup and activation module (SAM) left front (N10/1)	23 ⇒ 1.0
Only turn signals not operative	Wiring Turn signal switch (S4s1) Following causes are possible only if other systems operate by the combination switch do not function properly (wipers etc.): CAN Data line between signal pickup and activation module (SAM) left front (N10/1) and electronic ignition lock control module (N73) - only if horn also does not function N73 N10/1	23 ⇒ 5.0  23 ⇒ 4.0  23 ⇒ 2.0 23 ⇒ 1.0
Only hazard flasher not operative	Wiring Hazard flasher switch S6/1s1  N10/1	23 ⇒ 6.0 23 ⇒ 7.0 23 ⇒ 1.0
Connection between HHT and electronic ignition lock control module (N73) and signal pickup and activation module (SAM) left front (N10/1) not possible	Wiring Electronic ignition lock control module (N73)	23 ⇒ 3.0 23 ⇒ 2.0

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

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Complaint/Problem	Possible cause	Test step/Remedy <sup>1)</sup>
Connection between HHT and signal pickup and activation module (SAM) left front (N10/1) not possible	Following causes are possible only if other systems operate by the combination switch do not function properly (wipers, turn signals etc.): CAN Data line between signal pickup and activation module (SAM) left front (N10/1) and electronic ignition lock control module (N73) - only if horn also does not function N73 N10/1	23 ⇒ 4.0  23 ⇒ 2.0 23 ⇒ 1.0
Only one side of turn signal not operative	Wiring Turn signal switch S4/s1 N73 N10/1	23 ⇒ 5.0 23 ⇒ 2.0 23 ⇒ 1.0
Audio device and indicator lamps in instrument cluster not functioning	Wiring A1e1, A1e2 Instrument cluster A1	23 ⇒ 8.0
Failure of single lamp	Wiring Corresponding lamp:  left rear left front auxiliary left right rear right front auxiliary right  N10/1:  left outputs Right outputs	23 ⇒ 9.0 23 ⇒ 10.0 23 ⇒ 11.0 23 ⇒ 12.0 23 ⇒ 13.0 23 ⇒ 14.0  23 ⇒ 15.0 23 ⇒ 16.0

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