

Diagnosis - Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Entire front seat heater does not operate.	Front seat heater control module (N25/5), Voltage supply	23 ⇒ 1.0
Left front seat cushion and seatback heating does not operate.	Front seat heater control module (N25/5), Voltage supply. Left front seat heater switch (S51/1). Model 140: Left front seat cushion heater element (R13/1) and left front backrest heater element (R13/2). Model 202: Left front seat cushion heater element (R13/1) and left front backrest heater element (R13/2).	23 ⇒ 1.0 23 ⇒ 3.0 23 ⇒ 4.0 23 ⇒ 6.0
Right front seat cushion and seatback heating does not operate.	Front seat heater control module (N25/5), Voltage supply. Right front seat heater switch (S51/2). Model 140: Right front seat cushion heater element (R13/3) and right front backrest heater element (R13/4). Model 202: Right front seat cushion heater element (R13/3) and right front backrest heater element (R13/4).	23 ⇒ 1.0 23 ⇒ 10.0 23 ⇒ 5.0 23 ⇒ 11.0
Indicator lamp in left front seat heater switch (S51/1) or right front seat heater switch (S51/2) not operating. Seat heater operates.	S51/1 indicator lamps. S51/2 indicator lamps.	23 ⇒ 8.0 23 ⇒ 13.0
Dimming of indicator lamps in left front seat heater switch (S51/1) or right front seat heater switch (S51/2) not operating.	S51/1 dimming. S51/2 dimming.	23 ⇒ 2.0, 9.0 23 ⇒ 2.0, 14.0
Lighting of indicator lamps in left front seat heater switch (S51/1) or right front seat heater switch (S51/2) not operating.	S51/1 lighting. S51/2 lighting.	23 ⇒ 7.0 23 ⇒ 12.0

1) Observe Preparation for Test, see 22.

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Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
<p>Model 140 only: Seat heaters switch off with ignition: OFF Seat heaters do not switch on again when switching ignition back ON.</p>	<p>Front seat heater control module (N25/5), Voltage supply</p>	<p>23 ⇒ 1.0</p>
<p>Model 140 only with 8 and 12 cylinder engine: Engine idle speed does not increase with seat heaters in stage II.</p>	<p>Left front seat heater switch (S51/1). Right front seat heater switch (S51/2).</p>	<p>23 ⇒ 3.0 23 ⇒ 10.0 23 ⇒ 15.0</p>

¹⁾ Observe Preparation for Test, see 22.