

Diagnosis – Complaint Related Diagnostic Chart

Preparation for Test:



The switches (left/right) for the front heated seats are integrated into the Front HS Control Module (N25/5). The control module can only be replaced as a complete unit.

1. Review section 0, 10, 20, 22, 23, 31
2. Review following documents in WIS: GF00.19-P-1000A.. Also review ETM documents: PE91.00-P-1100B (model 170), PE91.00-P-1100D Models 208, 202) and PE91.00-P-1100A (model 210).

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Entire front seat (left and right) heater system does not function.	Front HS control module (N25/5), voltage supply	23 ⇒ 1.0
Left front seat cushion and seatback heating does not function.	Front HS control module (N25/5), voltage supply Left front seat cushion heater element (R13/1) and left front backrest heater element (R13/2)	23 ⇒ 1.0, 23 ⇒ 5.0, 23 ⇒ 6.0
Right front seat cushion and seatback heating does not function.	Front HS control module (N25/5), voltage supply Right front seat cushion heater element (R13/3) and right front backrest heater element (R13/4)	23 ⇒ 1.0, 23 ⇒ 7.0, 23 ⇒ 8.0

¹⁾ Observe Preparation for Test, see 22.

Diagnosis – Complaint Related Diagnostic Chart

Complaint/Problem	Possible cause	Test step/Remedy ¹⁾
Indicator lamps in left front HS switch (N25/5s1) or right front HS switch (N25/5s2) do not function. Seat heating does function.	N25/5s1 indicator lamps N25/5s2 indicator lamps	Front HS control module (N25/5). Front HS control module (N25/5).
Dimming of indicator lamps in left front HS switch (N25/5s1) or right front HS switch (N25/5s2) does not function.	N25/5s1 dimming N25/5s2 dimming	23 ⇒ 2.0, 3.0, 4.0 23 ⇒ 2.0, 3.0, 4.0
Illumination of indicator lamps in left front seat heater switch (S51/1) or right front seat heater switch (S51/2) does not function.	N25/5s1 or N25/5s2 illumination	23 ⇒ 2.0, 3.0, 4.0 Front HS control module (N25/5).

1) Observe Preparation for Test, see 22.