

**Diagnosis – Function Test**

**Preparation for Test:**

1. Review 20, 21, 22, 23,
2. Fuses OK,
3. Battery voltage 11 – 14 V,
4. Convenience feature (CF) functional, see GF72.29-P-2002GH

**Electrical wiring diagrams:**

Electrical Troubleshooting Manual, Model 163,  
(available in Work Shop Information System [WIS] only).

Test step/Test scope	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
⇒ 1.0 Left front seat Seat heating stage I	Start engine. Press front of left front seat heater switch (S51/1)	1 LED in switch will illuminate. Seat bottom cushion and backrest will warm up.	23 ⇒ 1.0, 4.0, 5.0, 6.0, 6.1
⇒ 2.0 Left front seat Seat heating stage II	Start engine. Press rear of left front seat heater switch (S51/1)	2 LED'S in switch will illuminate. Seat cushion and backrest cushion will warm up noticeably more than stage I.	23 ⇒ 2.0, 5.1, 6.0, 6.1
⇒ 3.0 Right front seat Seat heating stage I	Start engine. Press front of right front seat heater switch (S51/2)	1 LED in switch will illuminate. Seat bottom cushion and backrest will warm up.	23 ⇒ 7.0, 10.0, 11.0, 13.0, 13.1
⇒ 4.0 Right front seat Seat heating stage II	Start engine. Press rear of right front seat heater switch (S51/2)	2 LED'S in switch will illuminate. Seat cushion and backrest cushion will warm up noticeably more than stage I.	23 ⇒ 9.0, 10.0, 12.0, 13.0, 13.1

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