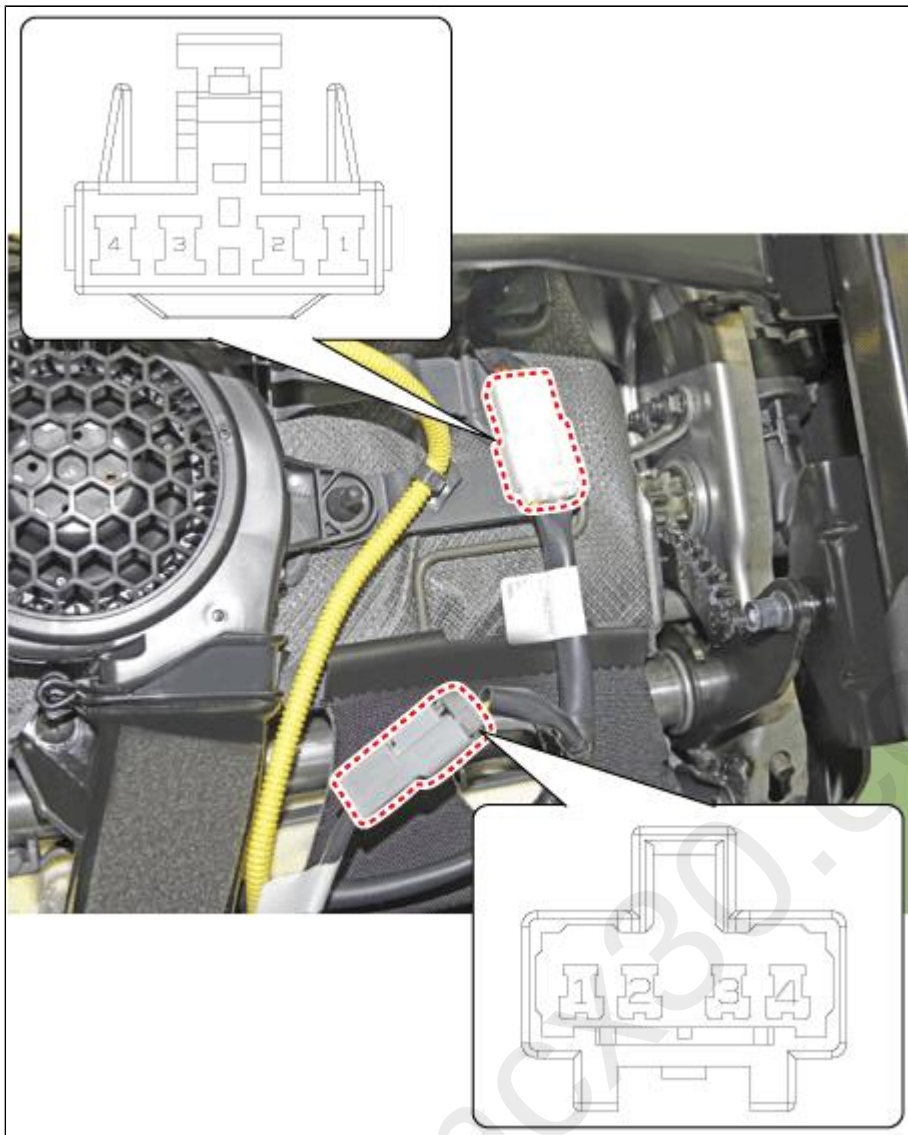


Inspection

Front Seat Heater

1. Check for continuity and measure the resistance between terminals No 3 and No 6.



Standard value

Driver / Assists (cushion + back) : $1.65\Omega \pm 10\% / 23^{\circ}\text{C}$

2. Operate the seat heater after connecting the connector, and then check the thermostat by measuring the temperature of seat surface.

Standard value

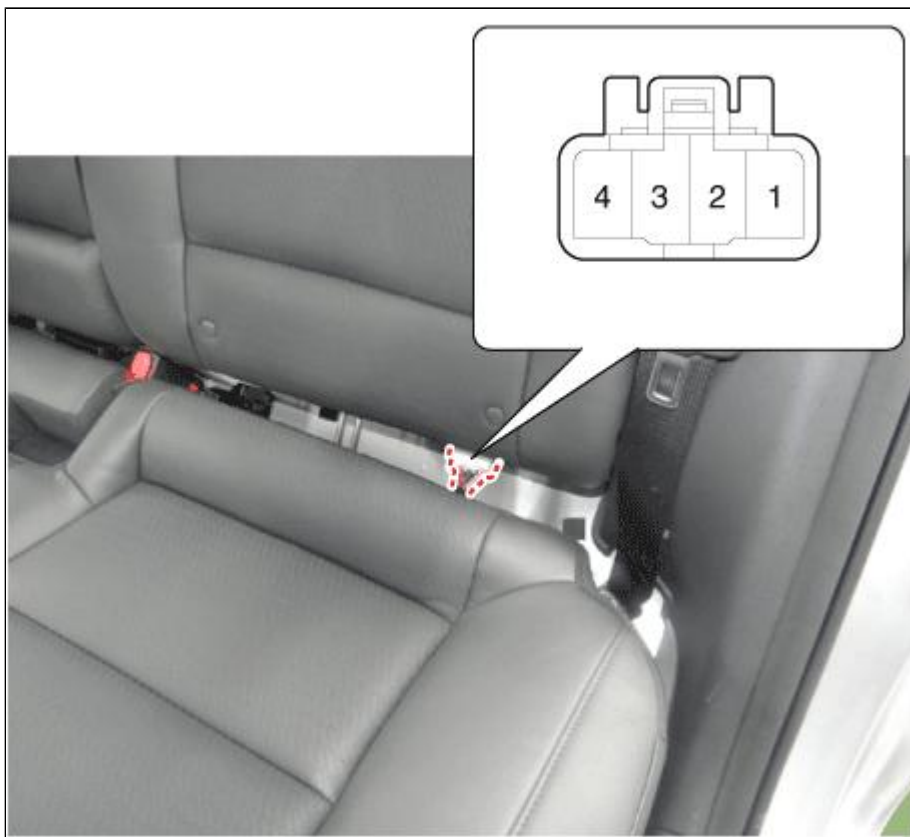
1st : cushion : $36 \pm 2^{\circ}\text{C}$, back : $40 \pm 2^{\circ}\text{C}$

2st : cushion : $39 \pm 2^{\circ}\text{C}$, back : $45 \pm 2^{\circ}\text{C}$

3st : cushion : $42 \pm 2^{\circ}\text{C}$, back : $50 \pm 2^{\circ}\text{C}$

Rear Seat Heater

1. Check for continuity and measure the resistance between terminals No 1 and No 4.



Standard value

Rear seat : $1.67\Omega \pm 10\% / 20^{\circ}\text{C}$

2. Operate the seat heater after connecting the connector, and then check the thermostat by measuring the temperature of seat surface.

Standard value

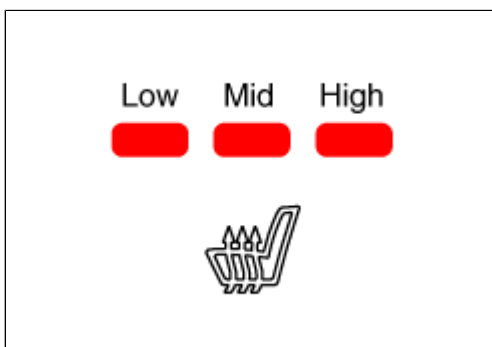
High (Cushion) : $38 \pm 2^{\circ}\text{C}$

Low (Cushion) : $42 \pm 2^{\circ}\text{C}$

Seat Heater Unit Diagnosis Mode

1. You can enter the diagnosis mode by turning the seat heater button on.
2. You can enter the diagnosis mode by referring to following description.
Push IGN ON while pressing the seat heater button from IGN OFF.
Keep pressing IGN ON for more than three seconds before pressing it once again for more than three seconds within 2 seconds.
All LED indicators on the driver and passenger seat button will blink 1 times.
3. After entering the diagnosis mode, you can check what failed by checking the blinking LED.

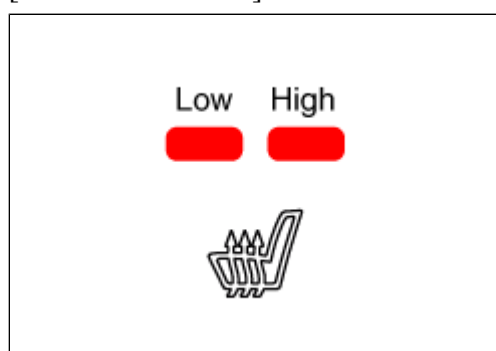
[Driver / Passenger Seat Heater]



Failure Indicator	Inspection Items	Detailed Inspections
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Low : OFF Mid : OFF High : FLASHING	Low voltage detection	IGN1 voltage of 8.5 V or lower
	Over voltage detection	IGN1 voltage of 16.5 V or lower
Low : FLASHING Mid : FLASHING High : FLASHING	Fuse (Short)	Disconnection or missing connector of heating seat B(+) line
Low : OFF Mid : ON High : FLASHING	NTC (Short / Disconnecter)	NTC element failure Short-circuit between NTC connector terminals Disconnection in the NTC (+) wiring Disconnection in the NTC (-) wiring
Low : FLASHING Mid : FLASHING High : FLASHING	Heater (Short / Disconnecter)	Heating wire element failure Short-circuit between heating wire connector terminals Disconnection in the heating wire (+) Disconnection in the heating wire (-)
Low : ON Mid : ON High : FLASHING	Loss of temperature feedback	Target temperature not reached within 40 minutes

[Rear Seat Heater]



Failure Indicator	Inspection Items	Detailed Inspections
Low : OFF High : OFF	Low voltage detection	IGN1 voltage of 8.5 V or lower
	Over voltage detection	IGN1 voltage of 16.5 V or lower
Low : FLASHING High : FLASHING	Fuse (Short)	Disconnection or missing connector of heating seat B(+) line
Low : OFF High : FLASHING	NTC (Short / Disconnecter)	NTC element failure Short-circuit between NTC connector terminals Disconnection in the NTC (+) wiring Disconnection in the NTC (-) wiring
Low : FLASHING High : FLASHING	Heater (Short / Disconnecter)	Heating wire element failure Short-circuit between heating wire connector terminals Disconnection in the heating wire (+) Disconnection in the heating wire (-)
Low : ON High : FLASHING	Loss of temperature feedback	Target temperature not reached within 40 minutes

4. You can check the malfunctioning by checking the blinking LED.
5. Pressing the IGN OFF button will end the diagnosis mode for the heater seat.

6. You can check whether the heating seat system works properly after turning the IGN ON. If you want to check the error code, you can refer to the procedure of 2 above.

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