

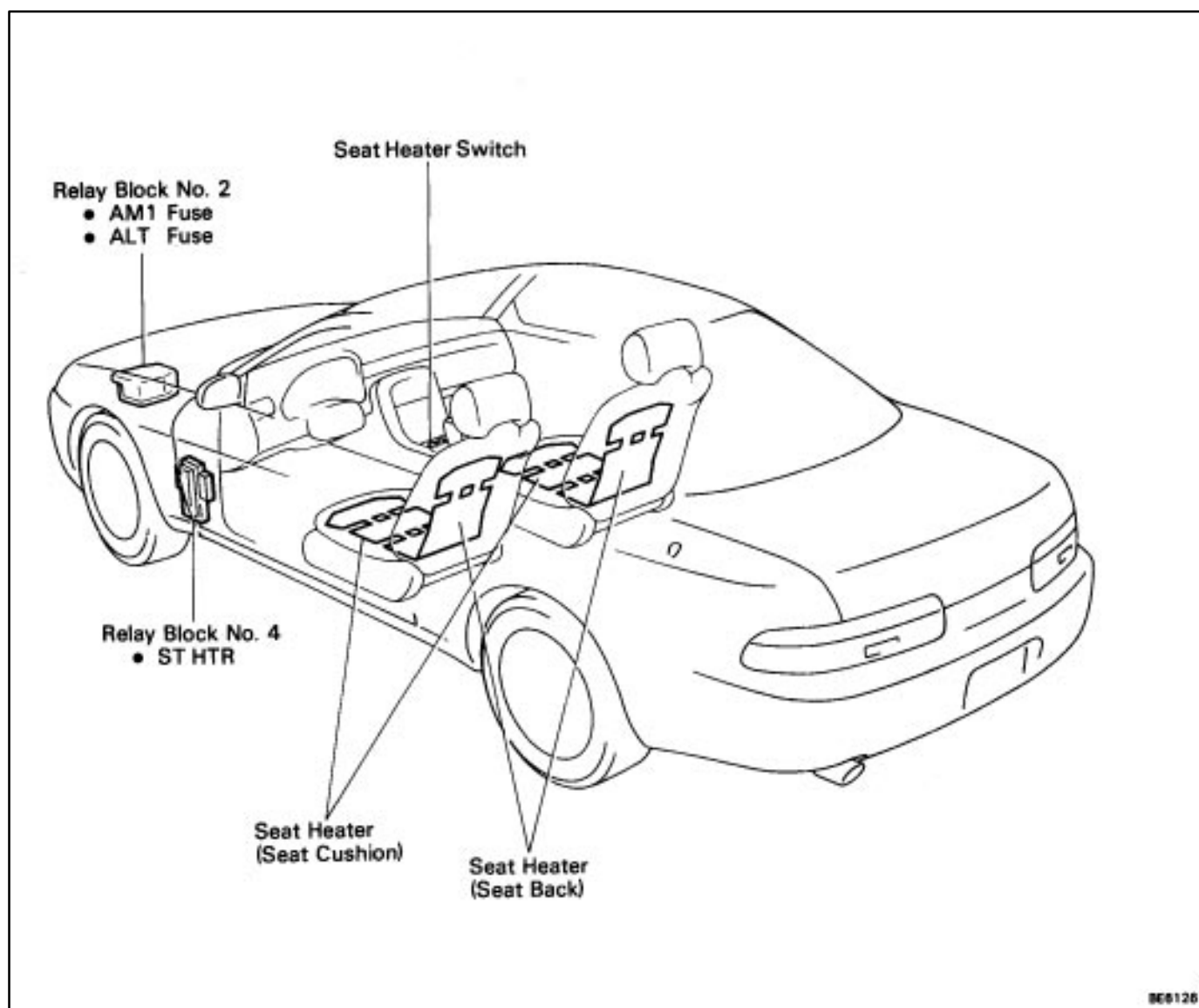
SEAT HEATER SYSTEM

Description

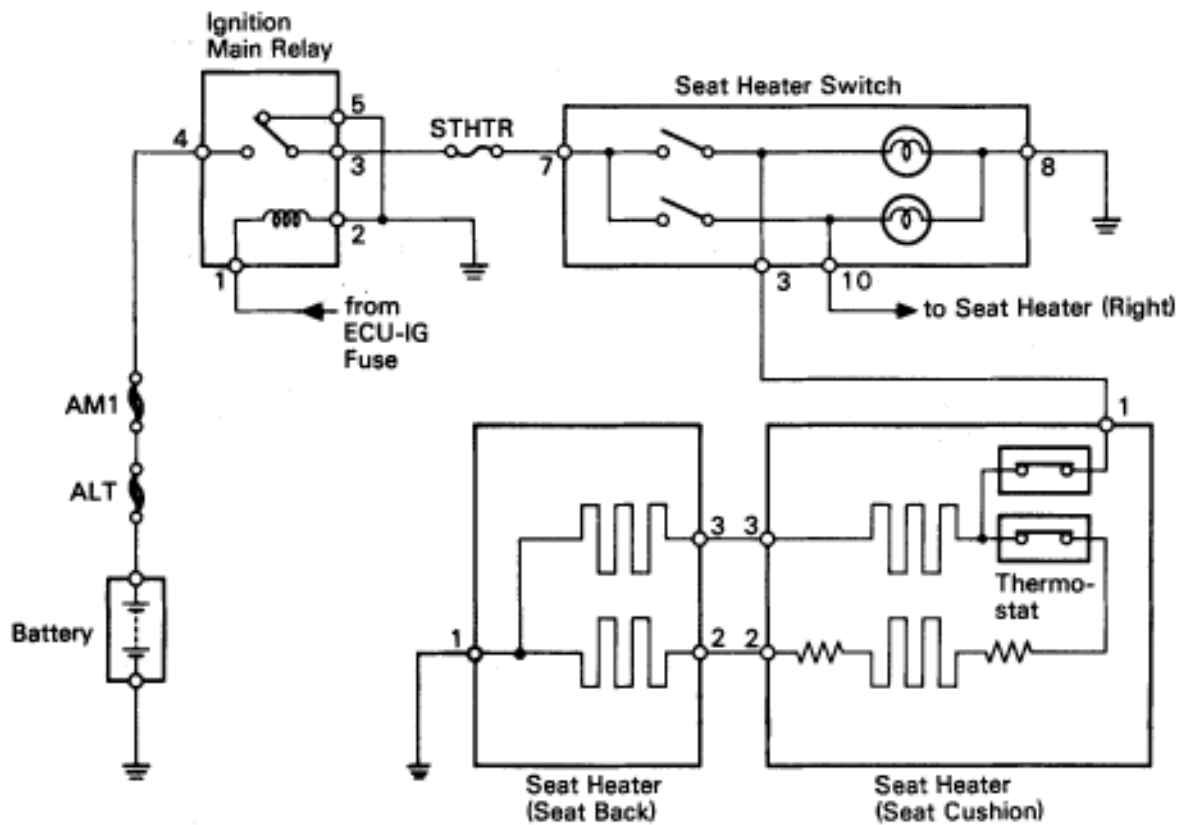
The Seat Heater System utilizes electricity to heat the seat back and cushion of the driver's and front passenger's seat. The component parts of this system and their functions are described in the following table.

Parts Name	Function
Seat Heater Switch	Current from the S/HTR fuse is sent to left and right seat heater relays by the operation of the left and right seat heater switches.
Seat Heater Relay	Large current is sent to the seat heaters from the respective seat heater switch switches.
Seat Heater	These heaters generate heat when current is supplied from the seat heater relays. They contain built-in thermostats which prevent the temperature from rising higher than a set level.

Parts Location

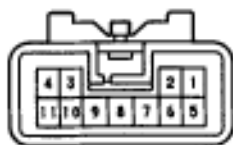


Wiring and Connector Diagrams



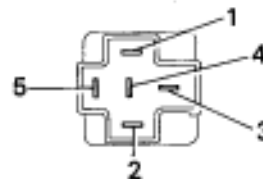
BE0127

Seat Heater Switch



•11-2

Ignition Main Relay



BE0140

Seat Heater (Seat Cushion)



•3-1

Seat Heater (Seat Back)



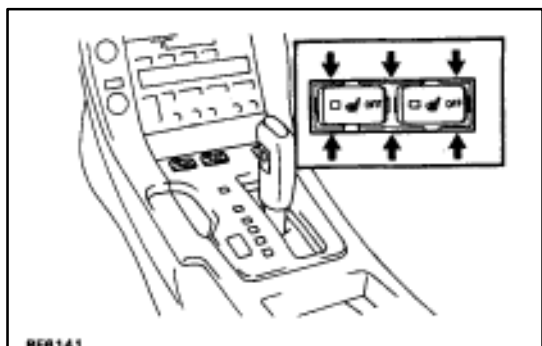
•3-2

Parts Inspection (Seat Heater Switch)

REMOVAL AND INSTALLATION OF SEAT HEATER SWITCH

1. REMOVE SEAT HEATER SWITCH

- Remove upper console panel.
(See page [BO-111](#))
- Using the screwdriver, pry out six crips.
- Disconnect the connector.



2. INSTALL SEAT HEATER SWITCH

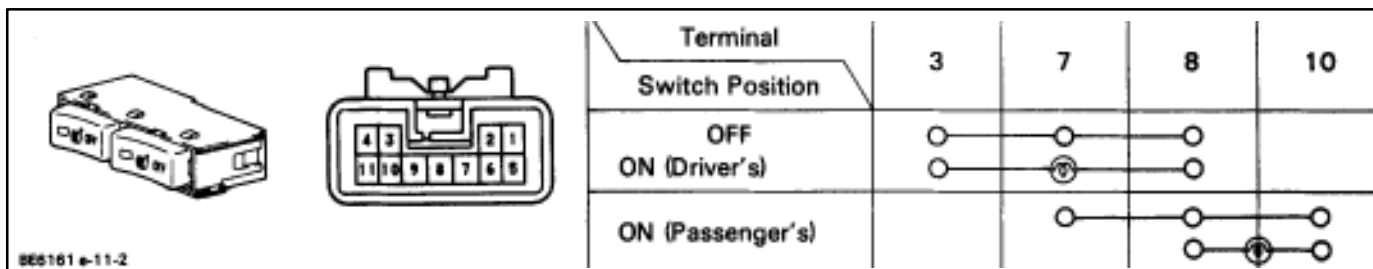
For installation follow the removal procedure in reverse.

INSPECTION OF SEAT HEATER SWITCH

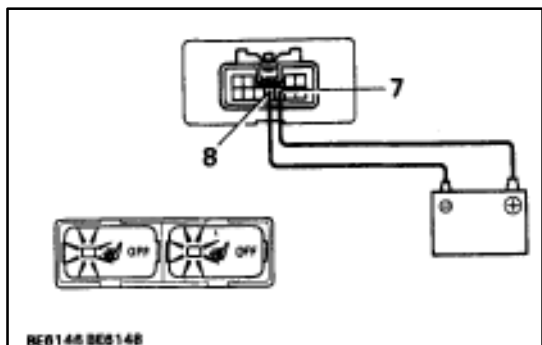
INSPECT SEAT HEATER SWITCH

(Continuity)

Inspect the switch continuity between terminals as shown.



If continuity is not as specified, replace the switch or bulb.



(Indicator)

- Connect the positive (+) lead from the battery to terminal 7 and the negative (–) lead to terminal 8.
- Push the switch, check that the indicator light lights up. If operation is not as specified, replace the switch.

Wire Harness Side

e-11-1

(Switch Circuit)

Disconnect the switch connector and inspect the connector on the wire harness side as shown.

Check for	Tester Connection	Condition	Specified value
Continuity	3–Ground	Constant	Continuity
	8–Ground	Constant	Continuity
	10–Ground	Constant	Continuity
Voltage	7–Ground	Ignition switch turned ON	Battery voltage

If circuit is not as specified, refer to [BE-159](#) wiring diagram and inspect the circuits connected to other parts.

(Ignition Main Relay)**INSPECTION OF IGNITION MAIN RELAY****INSPECT IGNITION MAIN RELAY****(Continuity)**

Inspect the continuity between terminals as shown.

Terminal	1	2	3	4	5
Condition					
Constant	○	○	○	○	○
Apply battery voltage to terminal 1 and 4.		○	○		

Junction Block Side

BE6145

If continuity is not as specified, replace the relay.

(Circuit)

Remove the relay and inspect the connector on the junction block side as shown.

Check for	Tester Connection	Condition	Specified value
Continuity	2–Ground	Constant	Continuity
	5–Ground	Constant	Continuity
Voltage	1–Ground	Ignition switch turned ON	Battery voltage
	4–Ground	Constant	Battery voltage

(Seat Heater)

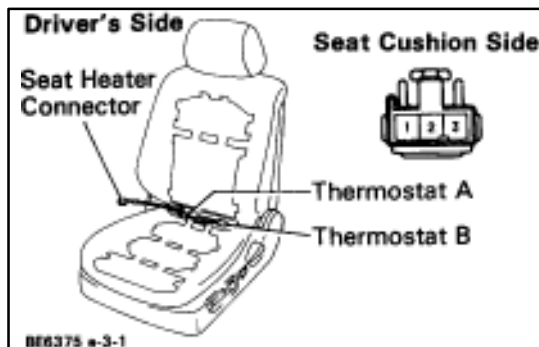
REMOVAL AND INSTALLATION OF SEAT HEATER

1. DISASSEMBLY OF FRONT SEAT

- (a) (See page [BO-58](#))
- (b) Remove hogring from seat cushion pad and seat back pad.

2. ASSEMBLY OF FRONT SEAT

- (a) For assembly, follow the disassembly procedure in reverse.
- (b) (See page [BO-59](#))



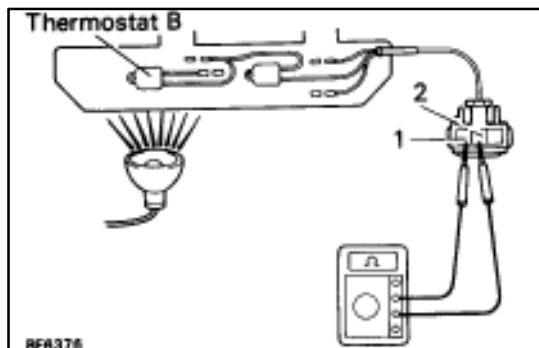
INSPECTION OF SEAT HEATER

1. INSPECT SEAT HEATER

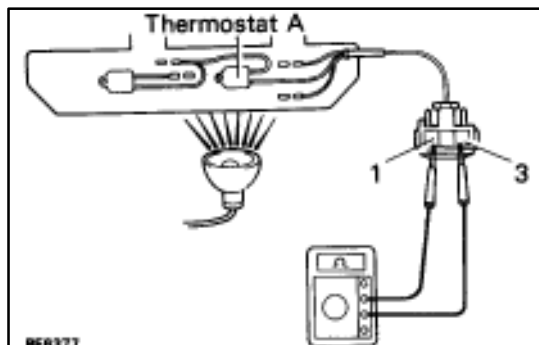
(Continuity/Seat Cushion)

HINT: For the following inspection, keep temperature around thermostat below 30°C (86°F).

- (a) Check that there is continuity between terminal 1 and 3.
- (b) Check that there is continuity between terminal 1 and 2.



- (c) Heat thermostat B with a light. And check there is no continuity above 45°C (113°F) between terminal 1 and 2.



- (d) Heat thermostat A with a light. And check there is no continuity above 55°C (131°F) between terminal 1 and 3.
- (e) Cool two thermostat below 25°C (77°F). And check that there is continuity between terminal 1 and 3, 1 and 2.

Seat Back Side

e-3-2

(Continuity/Seat Back)

Inspect the seat heater continuity between terminals as shown.

Check for	Tester Connection	Condition	Specified value
Continuity	1-2	Constant	Continuity
	1-3	Constant	Continuity

If continuity is not as specified, replace the seat back pad.