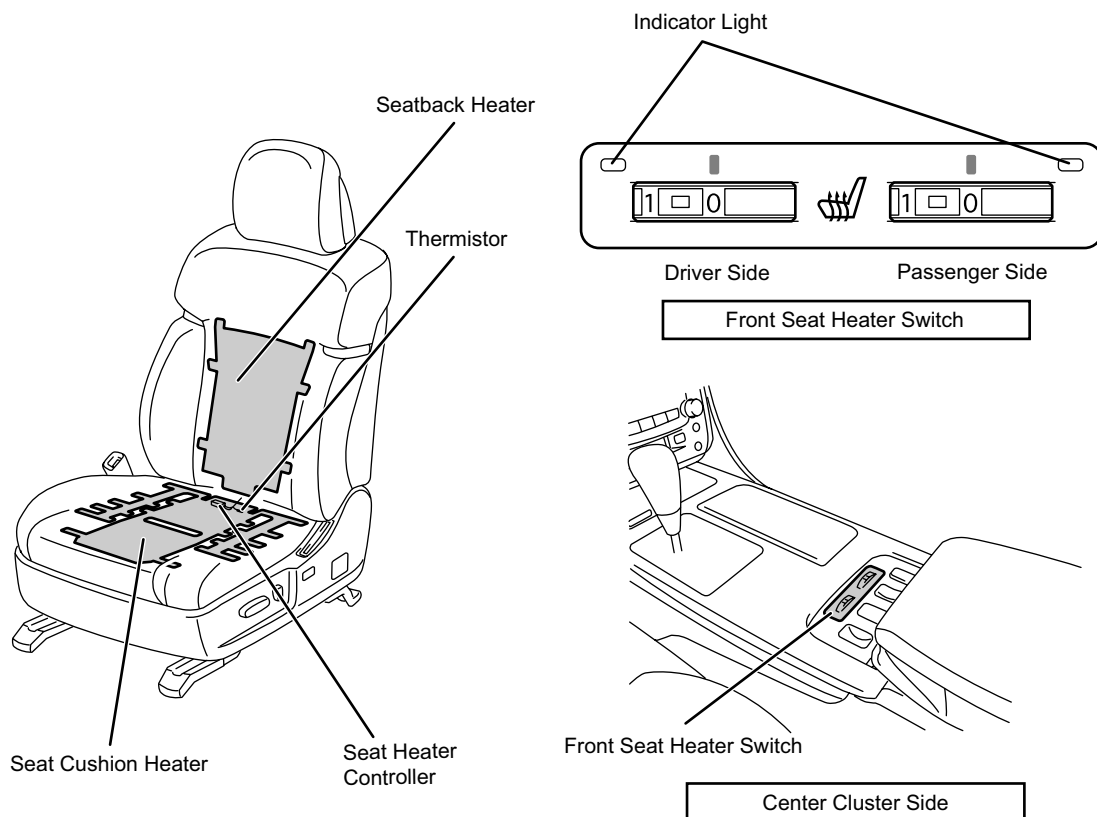


Front Seat Heater

- A front seat heater for the driver seat and front passenger seat is available for all vehicles as a manufacturer's option.
- The front seat heater comprises the seat heaters installed in the main sections of the seat back and the seat cushion and the front seat heater switch installed in the console box front section
- By turning the front seat heater switch clockwise from OFF, the seat heater can be adjusted to three levels. An indicator light is provided in front of the switch so that the operating state of the seat heater can be checked.



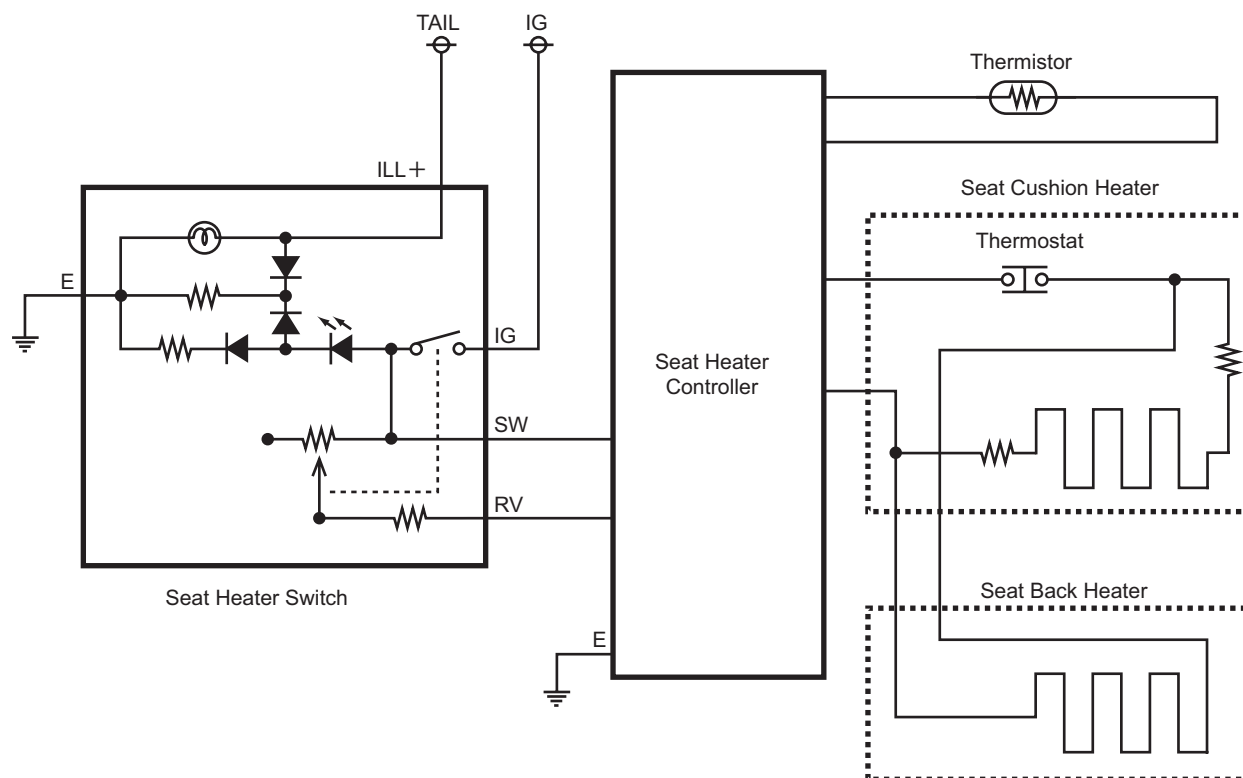
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- When the user turns the front seat heater switch ON, the seat heater controller detects the temperature that is set at the front seat heater switch. At the same time, the seat heater controller detects the temperature of the seat cover by way of the thermistor*1 that is provided in the seat cushion. Then, the seat controller applies a quantity of electricity in accordance with the circumstances in order to adjust the seat cover temperature to the set temperature. When the seat cover temperature reaches approximately 50°C, the thermostat*2 in the seat cushion heater cuts off the current to the seat heaters (and restores the current when the seat cover temperature reaches approximately 30°C).

❖REFERENCE❖

*1An element that uses a semiconductor (with properties in which the resistance is high at the normal temperature and gets low as the temperature rises) in which the electrical resistance changes considerably with slight changes in temperature.

*2A temperature adjustment device that automatically controls the heat source through the use of a switch that utilizes a bimetal or the expansion of mercury.



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