■SYSTEM CONTROL

1. Seat Heated Control

- 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 thermister*1 that is provided in the seat cushion.
- Then, the seat heater controller applies an electrical current 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 (122°F), 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 (86°F)).

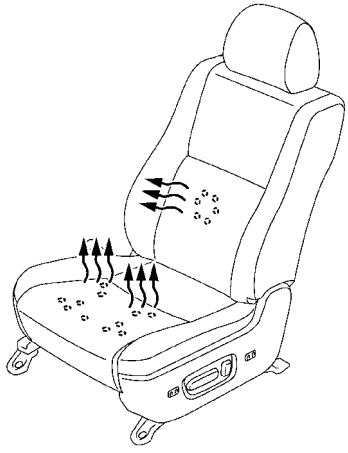
*1: An element that uses a semiconductor (with properties in which the resistance is high at normal temperatures and gets lower as the temperature rises) in which the electrical resistance changes considerably with slight changes in temperature.

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

2. Seat Ventilated Control

- By turning the seat heater & ventilation volume switch counterclockwise from OFF in the center position, the ventilation volume can be adjusted to three levels. The indicator light illuminates green to indicate that the ventilation function is operating.
- When the user operates the seat heater & ventilation volume switch located forward of the center console, the blower motors in the seat back/seat cushion climate control blower operate to direct the air that is drawn in from behind the climate control blower to both the seatback and seat cushion pads.
- After the air is directed to both the seatback and seat cushion pads, it travels throughout the pads along the grooves that are provided in the pads. Then, it spreads to the entire seat along the slab urethane layer, and becomes discharged through the perforations in the genuine leather seat cover.

▶ Ventilation Function ◀



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