

## Diagnostic Information and Procedures

### Heater and Ventilation Symptom Diagnosis

S6RW0C7104001

Condition	Possible cause	Correction / Reference Item
<b>Blower motor does not operate with blower speed selector ON</b>	Fuse blown	Check related fuses, and then check for short circuit to ground.
	Blower motor relay faulty	Check blower motor relay referring to "Blower Motor Relay Inspection".
	Blower motor resistor faulty	Check blower motor resistor referring to "Blower Motor Resistor Inspection".
	Blower speed selector faulty	Check blower speed selector referring to "Blower Speed Selector Inspection".
	Blower motor faulty	Check blower motor referring to "Blower Motor Inspection".
	Wiring or grounding faulty	Repair as necessary.
<b>Incorrect temperature output</b>	Temperature control cable broken or bent (non-A/C and manual A/C)	Check temperature control cable.
	Temperature selector faulty (non-A/C and manual A/C)	Check temperature selector.
	Incorrect installation of temperature control cable (non-A/C and manual A/C)	Check position and adjust it as necessary.
	Temperature control door assembly broken	Repair temperature control door assembly.
	Air ducts clogged	Repair air ducts.
	Heater core leaked or clogged	Replace heater core.
	Heater hoses leaked or clogged	Replace heater hoses.
	Thermostat faulty	Check thermostat referring to "Thermostat Inspection in Section 1F".
	Temperature control actuator faulty (auto A/C)	Check temperature control actuator referring to "Temperature Control Actuator and Its Circuit Inspection in Section 7B".
	HVAC control module faulty (auto A/C)	Check HVAC control module referring to "Inspection of HVAC Control Module and Its Circuit in Section 7B".
	Wiring or grounding faulty (auto A/C)	Repair as necessary.
<b>Air outlet port does not change or does not agree with air flow selector's position even if air flow selector is changed</b>	Air flow control cable broken or bent (non-A/C and manual A/C)	Check air flow control cable.
	Air flow selector faulty (non-A/C and manual A/C)	Check air flow selector.
	Incorrect installation of air flow control cable (non-A/C and manual A/C)	Check position and adjust it as necessary.
	Air flow control door assembly broken	Repair air flow control door assembly.
	Air ducts leaked or clogged	Repair air ducts.
	Air flow control actuator faulty (auto A/C)	Check air flow control actuator referring to "Air Flow Control Actuator and Its Circuit Inspection in Section 7B".
	HVAC control module faulty (auto A/C)	Check HVAC control module referring to "Inspection of HVAC Control Module and Its Circuit in Section 7B".
	Wiring or grounding faulty (auto A/C)	Repair as necessary.
<b>Air intake door does not change even if air intake mode is changed</b>	Air intake door broken	Repair air intake door.
	Air intake control actuator faulty	Check air intake control actuator referring to "Air Intake Control Actuator Inspection".
	Air intake selector faulty	Check air intake selector referring to "Air Intake Selector Inspection".
	Wiring or grounding faulty	Repair as necessary.