

PROBLEM SYMPTOMS TABLE

HINT:

- Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.
- Inspect the fuses and relays related to this system before inspecting the suspected areas below.
- If the malfunction still exists even after checking and confirming that all the circuits are normal, replace the A/C amplifier.

A/C system

Symptom	Suspected area	See page
All functions of A/C system do not operate	1. Center cluster module switch	AC-105
	2. A/C amplifier assembly	AC-15
	3. Wire harness or connector	-
Air Flow Control: No blower operation	1. Blower resistor	AC-65
	2. Blower w/ fan motor sub-assembly	AC-63
	3. Center cluster module switch	AC-105
	4. Wire harness or connector	-
Air Flow Control: No blower control	1. Blower resistor	AC-65
	2. Blower w/ fan motor sub-assembly	AC-65
	3. Center cluster module switch	AC-105
	4. Wire harness or connector	-
Air Flow Control: Insufficient air comes out	1. Blower w/ fan motor sub-assembly	AC-63
	2. Blower resistor	AC-65
	3. Center cluster module switch	AC-105
	4. Wire harness or connector	-
Temperature Control: No cool air comes out	1. Volume of refrigerant	AC-40
	2. Drive belt tension	-
	3. Refrigerant pressure	AC-40
	4. Compressor solenoid circuit	AC-30
	5. Compressor assembly	AC-80
	6. Pressure switch circuit	AC-25
	7. Condenser fan	CO-4
	8. Evaporator temperature sensor	AC-22
	9. Heater control and accessory assembly	-
	10. ECM	ES-30
	11. CAN communication system	CA-6
	12. Wire harness or connector	-
Temperature Control: No warm air comes out	1. Engine coolant volume	-
	2. Evaporator temperature sensor	AC-22
	3. Heater control and accessory assembly	-
	4. Heater radiator unit sub-assembly	-
	5. A/C amplifier assembly	AC-15
	6. Wire harness or connector	-
Temperature Control: Output air is warmer or cooler than set temperature or response is slow	1. Heater control and accessory assembly	-
	2. Air mix damper control cable	-

Symptom	Suspected area	See page
Temperature Control: No temperature control	1. Heater control and accessory assembly	-
	2. Air mix damper control cable	-
No air inlet control	1. Air inlet control servo motor	AC-67
	2. Heater switch assembly	AC-109
	3. Heater control and accessory assembly	-
No air outlet control	1. Heater control and accessory assembly	-
	2. Defroster damper control cable	-
Engine idle-up does not occur, or is continuous	1. Center cluster module switch	AC-105
	2. Compressor solenoid circuit	AC-30
	3. Compressor assembly	AC-80
	4. A/C amplifier assembly	AC-15
	5. ECM	ES-30
	6. CAN communication system	CA-6
	7. Wire harness or connector	-
Diagnostic trouble codes are not recorded. Set mode is cleared when ignition switch turn OFF	1. A/C amplifier assembly	AC-15
	2. Wire harness or connector	-

PTC heater

Symptom	Suspected area	See page
Warm air does not come out even if temperature control knob is MAX HOT before engine coolant temperature rises*	1. Heater switch assembly	AC-109
	2. PTC heater circuit	AC-35
	3. Generator assembly	CH-11
	4. A/C amplifier assembly	AC-15
	5. ECM	AC-15
	6. CAN communication system	CA-6
	7. Wire harness or connector	-

HINT:

*: PTC heater does not operate in these conditions:

- Engine coolant temperature: 70°C (158°F) or below
- Engine rpm is at idle rpm or more
- Air mix control knob is at MAX HOT