

PROBLEM SYMPTOMS TABLE

(2006/01-)

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.

Air conditioning system

Symptom	Suspected area	See page
No functions of A/C panel operate	1. LIN communication line	-
	2. Air conditioning control assembly	AC-87
	3. Air conditioning amplifier	AC-27
No functions of A/C system operate	1. ECU-IG2 fuse	-
	2. Air conditioning control assembly	AC-87
	3. Air conditioning amplifier	AC-27
	4. Wire harness or connector	-
Airflow Control: No blower control (Blower motor does not operate)	1. HTR fuse	-
	2. Blower motor circuit	AC-90
	3. Air conditioning amplifier	AC-27
	4. Air conditioning control assembly	AC-87
	5. Wire harness or connector	-
Airflow Control: No blower control (Blower motor does not change speed)	1. Blower motor circuit	AC-90
	2. Air conditioning amplifier	AC-27
	3. Air conditioning control assembly	AC-87
Temperature Control: No cool air comes out	1. Refrigerant volume	-
	2. Refrigerant pressure	-
	3. Air conditioning pressure sensor	AC-59
	4. Compressor and pulley (for 2AZ-FE)	AC-79
	5. Compressor and magnetic clutch (for 2GR-FE)	AC-79
	6. Compressor circuit (for 2GR-FE)	AC-95
	7. Driver side air mix damper control servo motor circuit	AC-73
	8. Passenger side air mix damper control servo motor circuit	AC-67
	9. Evaporator temperature sensor circuit	AC-50
	10. Room temperature sensor circuit	AC-43
	11. Ambient temperature sensor circuit	AC-46
	12. Expansion valve	-
	13. Air conditioning amplifier	AC-27
	14. Air conditioning control assembly	AC-87
	15. ECM (for 2AZ-FE)	ES-1
	16. ECM (for 2GR-FE)	ES-1
	17. LIN communication line	-
	18. CAN communication system	CA-1

AC

Symptom	Suspected area	See page
Temperature Control: No warm air comes out	1. Driver side air mix damper control servo motor circuit	AC-73
	2. Passenger side air mix damper control servo motor circuit	AC-67
	3. Air conditioning harness	-
	4. Room temperature sensor circuit	AC-43
	5. Air conditioning amplifier	AC-27
	6. Air conditioning control assembly	AC-87
	7. ECM (for 2AZ-FE)	ES-1
	8. ECM (for 2GR-FE)	ES-1
	9. LIN communication line	-
	10. CAN communication system	CA-1
Temperature Control: Output air is warmer or cooler than set temperature or response is slow	1. Driver side solar sensor circuit	AC-64
	2. Passenger side solar sensor circuit	AC-53
	3. Room temperature sensor circuit	AC-43
	4. Air inlet damper control servo motor circuit	AC-69
	5. Heater radiator	-
	6. Expansion valve	-
	7. Air conditioning amplifier	AC-27
	8. Air conditioning control assembly	AC-87
	9. ECM (for 2AZ-FE)	ES-1
	10. ECM (for 2GR-FE)	ES-1
	11. LIN communication line	-
	12. CAN communication system	CA-1
Temperature Control: No temperature control (Only Max. cool or Max. warm)	1. Driver side solar sensor circuit	AC-64
	2. Passenger side solar sensor circuit	AC-53
	3. Air conditioning amplifier	AC-27
	4. Air conditioning control assembly	AC-87
	5. LIN communication line	-
No air inlet control	1. Air conditioning control assembly	AC-87
	2. Air inlet damper control servo motor circuit	AC-69
	3. Evaporator temperature sensor circuit	AC-50
	4. Air conditioning amplifier	AC-27
Engine idle up does not occur, or is continuous.	1. Compressor circuit (for 2GR-FE)	AC-95
	2. ECM (for 2AZ-FE)	ES-1
	3. ECM (for 2GR-FE)	ES-1
Diagnostic trouble codes are not recorded. Set mode is cleared when ignition switch turned to LOCK	1. Air conditioning amplifier	AC-27
	2. Back-up power source circuit	AC-100