550XI–01

PROBLEM SYMPTOMS TABLE

Use the table below to help you find the cause of the problem. The numbers indicate the likelihood of the cause in descending order. Check each part in the order shown. Replace these parts as necessary.

Manual A/C

Front A/C:

Symptom	Suspect Area	See page
Whole functions of the A/C system do not operate.	1. IG1 fuse	–
	2. A/C amplifier assy	★
	3. Heater control & accessory assy	★
	4. Wire harness or connector	–
Air Flow Control : Cannot operate air flow control.	1. Blower resistor	★
	2. Heater relay	★
	3. Cooling unit motor sub–assy w/ fan	★
	4. A/C amplifier assy	★
	5. Heater control & accessory assy	★
	6. Wire harness or connector	–
Air Flow Control : Cannot control air flow.	1. Cooling unit motor sub–assy w/ fan	★
	2. Blower resistor	★
	3. A/C amplifier assy	★
	4. Heater control & accessory assy	★
	5. Wire harness or connector	–
Air Flow Control : Insufficient air comes out	1. Cooling unit motor sub–assy w/ fan	★
	2. Blower resistor	★
	3. A/C amplifier assy	★
	4. Heater control & accessory assy	★
	5. Wire harness or connector	–
Temperature Control : No cool air comes out	1. Volume of refrigerant	★
	2. Drive belt tension	
	3. Refrigerant pressure	★
	4. Cooler compressor assy	★
	5. Pressure switch No. 1	★
	6. Condenser fan	–
	7. A/C amplifier assy	★
	8. Heater control & accessory assy	★
	9. Wire harness or connector	–
Temperature Control : No warm air comes out	1. Engine coolant volume	–
	2. Cooler thermistor No. 1	★
	3. A/C amplifier assy	★
	4. Heater control & accessory assy	★
	5. Heater radiator unit sub–assy	★
	6. Wire harness or connector	–
Temperature Control : Output air is warmer or cooler than the set temperature or response is slow.	1. Heater control & accessory assy	★
	2. Air mix damper control cable	–
	3. Air mix level	–
Temperature Control : Cannot control temperature	1. Heater control & accessory assy	★
	2. Air mix damper control cable	–
	3. Air mix level	–
Cannot control air inlet	1. Damper servo sub–assy	★
	2. A/C amplifier assy	★
	3. Heater control & accessory assy	★
	4. Wire harness or connector	–
Cannot control air outlet	1. Heater control & accessory assy	★
	2. Mode damper control cable	–
	3. Mode lever	–

Engine idle up does not occur, or is continuous	1. Idle up switch 2. Cooler compressor assy 3. A/C amplifier assy 4. Heater control & accessory assy 5. Wire harness or connector	★ 55–1 ★ ★ –
Brightness does not change when rheostat volume or light control switch is turned on.	1. Illumination light system 2. A/C amplifier assy 3. Heater control & accessory assy 4. Wire harness or connector	– ★ ★ –

Manual A/C

Rear cooler:

Air Flow Control : Cannot control air flow control	1. Cooler unit blower resistor 2. Rear cooler relay 3. Blower w/ fan (rear) motor sub–assy 4. Cooler control panel 5. Wire harness or connector	★ ★ ★ ★ –
Air Flow Control : Cannot control air flow	1. Blower w/ fan (rear) motor sub–assy 2. Cooler unit blower resistor 3. Cooler control panel 4. Wire harness or connector	★ ★ ★ –
Temperature Control : No cool air comes out	1. Volume of refrigerant 2. Drive belt tension 3. Refrigerant pressure 4. Cooler compressor assy 5. Pressure switch No. 1 6. Condenser fan 7. A/C amplifier assy 8. Cooler control panel 9. Wire harness or connector	★ ★ ★ ★ ★ – ★ ★ –

Cool box:

Cannot operate blower	1. Refrigerant volume 2. Rear magnetic valve 3. Expansion valve 4. Evaporator 5. Cooler blower motor sub–assy No. 1 6. Cool box amplifier assy 7. Cooler control switch sub–assy	★ – – – ★ ★ ★

HINT:

★: See Pub. No. RM990E