550RQ–01

PROBLEM SYMPTOMS TABLE

Use the table below to help you find the cause of the problem. The numbers indicate the priority of the likely cause of the problem. Check each part in order. If necessary, replace these parts.

Manual A/C

Front A/C:

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate.	5. IG1 fuse	–
	6. A/C amplifier assy	55–2
	7. Heater control & accessory assy	55–2
	8. Wire harness or connector	–
Air Flow Control : No blower operation	1. Blower resistor	55–11
	2. Heater relay	55–11
	3. Cooling unit motor sub–assy w/ fan	55–11
	4. A/C amplifier assy	55–2
	5. Heater control & accessory assy	55–2
	6. Wire harness or connector	–
Air Flow Control : No blower control	1. Cooling unit motor sub–assy w/ fan	55–11
	2. Blower resistor	55–11
	3. A/C amplifier assy	55–2
	4. Heater control & accessory assy	55–2
	5. Wire harness or connector	–
Air Flow Control : Insufficient air out	1. Cooling unit motor sub–assy w/ fan	55–11
	2. Blower resistor	55–11
	3. A/C amplifier assy	55–2
	4. Heater control & accessory assy	55–2
	5. Wire harness or connector	–
Temperature Control : No cool air comes out	1. Volume of refrigerant	55–20
	2. Drive belt tension 3RZ–FE	55–40
	1KZ–TE	55–44
	5L–E	55–42
	1KD–FTV	14–139
	3. Refrigerant pressure	55–20
	4. Cooler compressor assy	55–11
	5. Pressure switch No. 1	55–2
	6. Condenser fan	–
	7. A/C amplifier assy	55–2
	8. Heater control & accessory assy	55–2
	9. Wire harness or connector	–
Temperature Control : No warm air comes out	1. Engine coolant volume	–
	2. Cooler thermistor No. 1	55–11
	3. A/C amplifier assy	55–2
	4. Heater control & accessory assy	55–2
	5. Heater radiator unit sub–assy	55–53
	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	55–2
	2. Air mix damper control cable	–
	3. Air mix level	–
Temperature Control : No temperature control	1. Heater control & accessory assy	55–2
	2. Air mix damper control cable	–
	3. Air mix level	–
No air inlet control	1. Damper servo sub–assy	55–11
	2. A/C amplifier assy	55–2
	3. Heater control & accessory assy	55–2
	4. Wire harness or connector	–

No air outlet control	1. Heater control & accessory assy 2. Mode damper control cable 3. Mode lever	55–2 – –
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	55–11 55–11 55–2 55–2 –
Brightness does not changes when rheostat volume or light control switch it turned.	1. Illumination light system 2. A/C amplifier assy 3. Heater control & accessory assy 4. Wire harness or connector	– 55–2 55–2 –

Manual A/C

Rear cooler:

Air Flow Control : No blower operation	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	55–11 55–11 55–11 55–11 –
Air Flow Control : No blower control	1. Blower w/ fan (rear) motor sub–assy 2. Cooler unit blower resistor 3. Cooler control panel 4. Wire harness or connector	55–11 55–11 55–11 –
Temperature Control : No cool air comes out	1. Volume of refrigerant 2. Drive belt tension 3RZ–FE 1KZ–TE 5L–E 1KD–FTV 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	55–20 55–40 55–44 55–42 14–19 55–20 55–11 55–2 – 55–2 55–2 –

PTC heater:

PTC heater does not operate, when perform in these conditions: • Engine coolant temp.: 65 °C (149 °F) or below • Engine speed: 650 rpm or abov • Temperature control selector: MAX. HOT	1. PTC heater relay 2. Heater radiator unit sub–assy 3. Viscous w/ magnet clutch heater assy 4. Heater switch assy 5. Heater amplifier assy	55–11 – 55–11 55–11 55–11

Cool box:

No blower operation	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	55–20 – – – 55–11 55–11 55–11