

TROUBLESHOOTING (Manual A/C)

AC22H-03

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.

Symptom	Suspect Area	See page
No blower operation	2. HTR Fuse 3. Heater main relay 4. Blower motor 5. Blower resistor 6. Blower speed control switch 7. Wire harness	- AC-80 AC-66 AC-67 AC-95 -
No air temperature control	1. Engine coolant volume 2. Heater control assembly 3. Water valve	- AC-89 AC-63
No compressor operation	1. Refrigerant volume 2. A.C Fuse 3. Magnetic clutch 4. Compressor 5. Pressure switch 6. Heater main relay 7. Blower speed control switch 8. Thermistor 9. Wire harness	AC-3 - AC-49 AC-49 AC-77 AC-80 AC-95 AC-24 -
Compressor operates intermittently	1. Refrigerant volume 2. Pressure switch 3. Thermistor 4. Wire harness	AC-3 AC-77 AC-24 -
No cool air comes out	1. Refrigerant volume 2. Refrigerant pressure 3. Drive belt 4. Magnetic clutch 5. Compressor 6. Pressure switch 7. Thermistor 8. Heater control assembly 9. Wire harness	AC-3 AC-3 AC-16 AC-49 AC-49 AC-77 AC-24 AC-89 -
Cool air comes out only at high engine rpm	1. Refrigerant volume 2. Drive belt 3. Magnetic clutch 4. Compressor 5. Condenser 6. Receiver 7. Expansion valve 8. Evaporator 9. Thermistor 10. Wire harness	AC-3 AC-16 AC-49 AC-49 AC-60 AC-57 AC-24 AC-29 AC-24 -

Insufficient cooling	1. Refrigerant volume 2. Drive belt 3. Magnetic clutch 4. Compressor 5. Condenser 6. Receiver 7. Expansion valve 8. Evaporator 9. Refrigerant lines 10. Pressure switch 11. Heater control assembly	AC-3 AC-16 AC-49 AC-49 AC-60 AC-57 AC-24 AC-29 AC-21 AC-77 AC-89
No engine idle-up when A/C switch ON	1. Idle control system 2. Wire harness	DI-105 -
No warm air comes out	1. Engine coolant volume 2. Heater control assembly 3. Water valve 4. Heater radiator	- AC-89 AC-63 AC-35

Rear heater:

No blower operation	1. RR HTR Fuse 2. Rear heater relay 3. Rear blower switch 4. Rear blower resistor 5. Rear blower motor 6. Wire harness	- AC-81 AC-103 AC-70 AC-41 -
No air temperature control	1. Engine coolant volume 2. Rear heater control assembly	- AC-102
No warm air comes out	1. Engine coolant volume 2. Rear heater control assembly 3. Rear heater radiator	- AC-100 AC-41