

TROUBLESHOOTING (Manual A/C)

AC3BH-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.

Front A/C:

Symptom	Suspect Area	See page
No blower operation	3. HTR Fuse 4. Front heater relay 5. Blower motor 6. Blower resistor 7. Blower speed control switch 8. Wire harness	- AC-102 AC-82 AC-84 AC-122 -
No blower control	1. Blower speed control switch 2. Blower resistor 3. Blower motor 4. Wire harness	AC-122 AC-84 AC-82 -
No air flow mode control	1. A/C control assembly	AC-118
Air inlet control: No air inlet control when air REC switch is operated	1. Air inlet control servomotor 2. A/C control assembly (Integration switch) 3. Wire harness	AC-57 AC-122 -
Air inlet control: Recirculation mode does not change when turn air flow selector to FOOT/DEF or DEF position.	1. A/C control assembly (Air flow selector) 2. A/C control assembly (integration switch) 3. Air inlet servomotor 4. Wire harness	AC-122 AC-122 AC-82 -
No temperature control	1. A/C control assembly	AC-118
No compressor operation	1. Refrigerant volume 2. Drive belt 3. Magnetic clutch 4. Compressor 5. HTR Fuse 6. A/C Fuse 7. A/C switch 8. A/C amplifier 9. Pressure switch 10. Wire harness	AC-3 AC-17 AC-60 AC-60 - - AC-122 AC-133 AC-99 -
No cool air comes out	1. Refrigerant volume 2. Refrigerant pressure 3. Drive belt 4. Compressor 5. Thermistor 6. Pressure switch 7. A/C control assembly	AC-3 AC-3 AC-17 AC-60 AC-25 AC-99 AC-118
Insufficient cooling	1. Refrigerant volume 2. Drive belt 3. Magnetic clutch 4. Compressor 5. Condenser 6. Receiver 7. Expansion valve 8. Evaporator 9. Refrigerant line 10. Pressure switch 11. A/C amplifier 12. A/C control assembly	AC-3 AC-17 AC-60 AC-60 AC-72 AC-69 AC-25 AC-30 AC-22 AC-99 AC-133 AC-118

AIR CONDITIONING - TROUBLESHOOTING (Manual A/C)

No warm air comes out	1. Engine coolant volume 2. Water valve 3. A/C control assembly 4. Heater radiator	- AC-79 AC-118 AC-77
No engine idle-up when compressor operate	1. A/C switch 2. A/C amplifier 3. Idle control system	AC-122 AC-133 DI-100
Blinking of A/C indicator	1. Compressor 2. Drive belt 3. A/C amplifier	AC-60 AC-17 AC-133
No condenser fan operation (High speed)	1. ALT Fuse 2. HTR Fuse 3. Fan No.1 relay 4. CDS Fuse 5. Condenser fan motor 6. Fan No.2 relay 7. Pressure switch 8. No.1 Engine coolant temp. switch 9. Wire harness	- - AC-107 - AC-109 AC-107 AC-99 AC-139 -
No condenser fan operation (Low speed)	1. Heater Fuse 2. Fan No.3 relay 3. A/C amplifier 4. No.2 Engine coolant temp. switch 5. CDS Fuse 6. Condenser fan motor 7. Fan No.2 relay 8. Radiator fan motor 9. Fan No.1 relay 10. Pressure switch 11. No.1 Engine coolant temp. switch 12. Wire harness	- AC-107 AC-133 AC-139 - AC-109 AC-107 CO-19 AC-107 AC-99 AC-139 -

Rear A/C:

Symptom	Suspect Area	See page
No blower operation	1. Heater Fuse 2. RR A/C Fuse 3. Rear heater relay 4. Blower motor 5. Rear relay 6. Blower resistor 7. Rear LO, M1, M2 and HI relay 8. Heater blower switch 9. Rear blower switch 10. Wire harness	- - AC-103 AC-51 AC-83 AC-104 AC-85 AC-86 AC-104 , AC-106 AC-137 AC-130 -
No blower control	1. Blower motor 2. Rear relay 3. Blower resistor 4. Rear LO, M1, M2 and HI relay 5. Heater blower switch 6. Rear blower switch 7. Wire harness	AC-51 AC-83 AC-104 AC-85 AC-86 AC-104 , AC-106 AC-137 AC-130 -
No temperature control	1. HTR Fuse 2. Front heater relay 3. A/C Fuse 4. Rear A/C control assembly 5. A/C amplifier 6. Air mix servomotor 7. Wire harness	AC-102 - AC-130 AC-133 AC-91 -
No cool air comes out	1. Refrigerant volume 2. Expansion valve 3. Evaporator 4. Refrigerant line 5. Rear A/C control assembly 6. A/C amplifier 7. Rear relay 8. Wire harness	AC-3 AC-33 AC-38 AC-22 AC-130 AC-133 AC-104 -
No warm air comes out	1. Engine coolant volume 2. Heater radiator 3. Rear A/C control assembly 4. A/C amplifier 5. Air mix servomotor 6. Rear relay 7. Wire harness	- AC-51 AC-130 AC-133 AC-91 AC-104 -