



Troubleshooting

Problem Symptoms Table

Before replacing or repairing air conditioning components, first determine if the malfunction is due to lack of refrigerant, air flow or compressor.

Use the following table to find the cause of the problem. The numbers indicate the order of the likely cause of the problem. Check each part in order. If necessary, replace the corresponding parts.

After fixing the area of malfunction, check the complete system to ensure satisfactory performance.

Standard:

Symptom	Suspected Area
No blower operation	1. Blower fuse
	2. Blower relay
	3. Blower motor
	4. Power mosfet
	5. Blower speed control switch
	6. Wire harness
No air temperature control	1. Engine coolant capacity
	2. Heater control assembly
	3. Temperature control actuator
No compressor operation	1. Refrigerant capacity
	2. A/C fuse
	3. Pulley assembly limiter
	4. Compressor
	5. A/C pressure transducer
	6. A/C switch
	7. Evaporator temperature sensor
	8. Wire harness
Vented air not cold	1. Refrigerant capacity
	2. Refrigerant pressure
	3. Drive belt
	4. Pulley assembly limiter
	5. Compressor
	6. A/C pressure transducer
	7. Evaporator temperature sensor
	8. A/C switch
	9. Heater control assembly
	10. Wire harness
Insufficient cooling	1. Refrigerant capacity
	2. Drive belt
	3. Pulley assembly limiter
	4. Compressor
	5. Condenser
	6. Expansion valve
	7. Evaporator
	8. Refrigerant lines
	9. A/C pressure transducer
	10. Heater control assembly
No engine idle-up when A/C switch ON	1. Engine ECM

	2. Wire harness
No air inlet control	1. Heater control assembly
No mode control	1. Heater control assembly
	2. Mode actuator
No cooling fan operation	1. Cooling fan fuse
	2. Fan motor
	3. Engine ECM
	4. Wire harness