

General Diagnostic Table

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

29. General Diagnostic Table

A: INSPECTION

Symptom		Repair order
Blower motor	Does not operate.	Fuse
		Blower motor relay
		Blower motor
		Blower motor resistor
		Blower switch
		Wiring harness
	Strange noise	Blower motor
		Air conditioner filter
Compressor	Does not operate.	Refrigerant
		Fuse
		Air conditioning relay
		Magnet clutch
		Compressor
		Pressure switch
		A/C switch
		Blower switch
		Wiring harness
	Strange noise	V-belt
		Magnet clutch
		Compressor
		Belt tensioner
Cold air is not emitted.		Refrigerant
		V-belt
		Magnet clutch
		Compressor
		Pressure switch
		Expansion valve
		A/C switch
		Blower switch
		Wiring harness
		Heater duct
		Heater Vent Duct
		Temperature control door actuator
Warm air is not emitted.		Engine coolant
		Blower switch
		Heater Core
		Temperature control door actuator
Temperature of air from vents does not change.		Engine coolant
		Air mix door actuator (Auto A/C)
		Wiring harness (Auto A/C)
Unable to switch blow vents.		Mode door actuator
		Air flow switch
		Wiring harness
Unable to switch suction vents.		Air inlet select switch
		Intake door actuator
		Wiring harness

General Diagnostic Table

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

Symptom	Repair order
Air is not emitted from the rear A/C.	Rear cooler blower
	Rear cooler blower resistor
	Rear A/C switch
	Wiring harness
Cold air is not emitted from the rear A/C.	A/C switch
	Compressor
	Rear A/C switch
	Rear cooler expansion valve

General Diagnostic Table

HVAC SYSTEM (HEATER, VENTILATOR AND A/C)

HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)

AC(diag)

	Page
1. Basic Diagnostic Procedure	2
2. General Description	3
3. Electrical Component Location	6
4. Auto A/C Control Module I/O Signal	8
5. Diagnostic Chart for Self-Diagnosis	10
6. Diagnostics for A/C System Malfunction	14
7. Diagnostic Procedure for Actuators	22
8. Diagnostic Procedure for Sensors	29
9. Diagnostics with Phenomenon	37