

## 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)

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# HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)

# *AC(diag)*

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