

9. Diagnostics with Phenomenon

A: INSPECTION

| Symptom | Problem parts |
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| A/C system fails to operate. | <ul style="list-style-type: none"> • Fuse (M/B No. 15, F/B No. 7, 22, 31) • Connector (Poor contact) • Ground • Auto A/C control module • Blower fan motor • Blower fan relay • A/C relay • Compressor (Magnet clutch) • Evaporator sensor |
| Fuse is blown out. | <ul style="list-style-type: none"> • Fuse (M/B No. 8, F/B No. 22, 31) • Connector (Poor contact) |
| Illumination cannot dim. | <ul style="list-style-type: none"> • Fuse (M/B No. 8, F/B No. 22, 31) • Connector (Poor contact) • Illumination control switch • Auto A/C control module • Body integrated unit |
| Blower fan does not rotate or fan speed cannot be controlled. | <ul style="list-style-type: none"> • Fuse (F/B No. 22, 27, 28) • Connector (Poor contact) • Ground • Auto A/C control module • Blower fan motor • Blower fan relay • Power transistor or blower resistor |
| Unable to switch suction vents. | <ul style="list-style-type: none"> • Connector (Poor contact) • Auto A/C control module • Intake door actuator |
| Unable to switch blow vents. | <ul style="list-style-type: none"> • Connector (Poor contact) • Auto A/C control module • Mode door actuator |
| The compartment temperature does not rise. (Warm air not emitted.) | <ul style="list-style-type: none"> • Connector (Poor contact) • Auto A/C control module • Air mix door actuator • In-vehicle sensor, ambient sensor, evaporator sensor and sunload sensor • In-vehicle sensor aspirator hose • Aspirator body |
| The compartment temperature does not lower. (Cold air not emitted.) | <ul style="list-style-type: none"> • Connector (Poor contact) • Auto A/C control module • Air mix door actuator • A/C relay • Compressor (Magnet clutch) • Radiator fan motor • Radiator fan relay • In-vehicle sensor, ambient sensor, evaporator sensor and sunload sensor • In-vehicle sensor aspirator hose • Aspirator body |
| Compartment temperature is higher or lower than setting temperature. | <ul style="list-style-type: none"> • Auto A/C control module • Air mix door actuator • In-vehicle sensor, ambient sensor, evaporator sensor and sunload sensor • In-vehicle sensor aspirator hose • Aspirator body |

Diagnostics with Phenomenon

HVAC SYSTEM (AUTO A/C) (DIAGNOSTICS)

| Symptom | Problem parts |
|--|---|
| Compartment temperature does not quickly respond to setting temperature. | <ul style="list-style-type: none">• Air mix door actuator• In-vehicle sensor, ambient sensor, evaporator sensor and sunload sensor• In-vehicle sensor aspirator hose• Aspirator body |
| Radiator fan does not rotate during A/C operation. | <ul style="list-style-type: none">• Radiator fan motor• Radiator fan relay |
| Seat heater does not run. | <ul style="list-style-type: none">• Seat thermistor• Seat heater relay• Seat heater• Auto A/C control module• Front control panel |