

PROBLEM SYMPTOMS TABLE

If a normal code is displayed during the DTC check but the problem still occurs, check the circuits for each problem symptom in the order given in the table below and proceed to the relevant troubleshooting page.

HINT:

Inspect the "Fuse" and "Relay" before confirming the suspected area as shown in the charts below.

Inspect each malfunction circuit in numerical order for the corresponding symptom.

If the malfunction still exist even after checking and confirming that all the circuit are normal, replace the ECU.

Symptom	Suspect Area	See page
Entire A/C system does not operate	1. IG power source circuit 2. A/C amplifier assy	05-1357 05-1270
Air Flow Control : No blower operation	1. Blower motor circuit 2. A/C amplifier assy	05-1379 05-1270
Air Flow Control : No blower control	1. Blower motor circuit 2. A/C amplifier assy	05-1379 05-1270
Air Flow Control : Insufficient air output	1. Blower motor circuit 2. A/C amplifier assy	05-1379 05-1270
Temperature Control : No cool air comes out	1. Volume of refrigerant 2. Refrigerant pressure 3. Pressure switch circuit 4. Air mix damper control servomotor circuit 5. Air mix damper position sensor circuit 6. Room temperature sensor circuit 7. Room humidity sensor circuit 8. Ambient temperature sensor circuit 9. A/C inverter circuit 10. A/C amplifier assy 11. Multiplex communication circuit	55-6 55-6 05-1302 05-1320 05-1305 05-1282 05-1335 05-1287 05-1339 05-1342 05-1345 05-1347 05-1348 05-1350 05-1351 05-1353 05-1270 05-2549
Temperature Control : No warm air comes out	1. Air mix damper control servomotor circuit 2. Air mix damper position sensor circuit 3. Ambient temperature sensor circuit 4. Room temperature sensor circuit 5. Room humidity sensor circuit 6. Evaporator temperature sensor circuit 7. A/C amplifier assy 8. Multiplex communication circuit 9. Heater radiator	05-1320 05-1305 05-1287 05-1282 05-1282 05-1292 05-1270 05-2549 -
Temperature Control : Output air is warmer or cooler than set temperature or response is slow	1. Steering wheel pad switch circuit 2. Room temperature sensor circuit 3. Room humidity sensor circuit 4. Ambient temperature sensor circuit 5. Solar sensor circuit 6. Air mix damper control servomotor circuit 7. Air mix damper position sensor circuit 8. A/C amplifier assy 9. Multiplex communication circuit	05-1366 05-1282 05-1282 05-1287 05-1297 05-1320 05-1305 05-1270 05-2549

DIAGNOSTICS – AIR CONDITIONING SYSTEM

Temperature Control : No temperature control (only Max. cool or Max. warm)	1. Steering wheel pad switch circuit 2. Air mix damper control servomotor circuit 3. Air mix damper position sensor circuit 4. A/C amplifier assy	05-1366 05-1320 05-1305 05-1270
No air inlet control	1. Air inlet damper control servomotor circuit 2. Air inlet damper position sensor circuit 3. A/C amplifier assy	05-1325 05-1310 05-1270
No air outlet control	1. Air outlet damper control servomotor circuit 2. Air outlet damper position sensor circuit 3. A/C amplifier assy	05-1330 05-1315 05-1270
Engine idle up does not occur, or is continuous	1. A/C inverter circuit 2. A/C amplifier assy 3. Multiplex communication circuit	05-1339 05-1342 05-1345 05-1347 05-1348 05-1350 05-1351 05-1353 05-1270 05-2549
Displayed set temperature value does not match with operation of temperature control switch	1. A/C amplifier assy	05-1270
Brightness does not change when rheostat volume or light control switch is adjusted	1. Illumination light system 2. A/C amplifier assy	– 05-1270
Unable to access the diagnosis mode	1. A/C amplifier assy	05-1270
DTC not recorded. Set mode is cleared when IG switch is turned off	1. Back-up power source circuit 2. A/C amplifier assy	05-1361 05-1270
Unable to control A/C with the steering pad switch	1. Steering pad switch circuit 2. A/C amplifier assy	– 05-1270
Unable to control A/C with the multi-display	1. Multiplex communication circuit 2. Multi-display assy 3. A/C amplifier assy	05-2549 05-1851 05-1270
The heater performance is low (The PTC heater does not function)*1	1. PTC heater circuit 2. Heater water pump circuit 3. A/C amplifier assy 4. Multiplex communication circuit	05-1372 05-1376 05-1270 05-2549

*1: The PTC heater operation may be stopped when an electrical load is large on the entire vehicle.