0540Q–03

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	05–1124 05–1037
Air Flow Control : No blower operation	1. Blower motor circuit 2. A/C amplifier assy	05–1146 05–1037
Air Flow Control : No blower control	1. Blower motor circuit 2. A/C amplifier assy	05–1146 05–1037
Air Flow Control : Insufficient air output	1. Blower motor circuit 2. A/C amplifier assy	05–1146 05–1037
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 05–1069 05–1087 05–1072 05–1049 05–1102 05–1054 05–1106 05–1109 05–1112 05–1114 05–1115 05–1117 05–1118 05–1120 05–1037 05–2250
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	05–1087 05–1072 05–1054 05–1049 05–1049 05–1059 05–1037 05–2250 –
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	05–1133 05–1049 05–1049 05–1054 05–1064 05–1087 05–1072 05–1037 05–2250

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	05–1133 05–1087 05–1072 05–1037
No air inlet control	1. Air inlet damper control servomotor circuit 2. Air inlet damper position sensor circuit 3. A/C amplifier assy	05–1092 05–1077 05–1037
No air outlet control	1. Air outlet damper control servomotor circuit 2. Air outlet damper position sensor circuit 3. A/C amplifier assy	05–1097 05–1082 05–1037
Engine idle up does not occur, or is continuous	1. A/C inverter circuit 2. A/C amplifier assy 3. Multiplex communication circuit	05–1106 05–1109 05–1112 05–1114 05–1115 05–1117 05–1118 05–1120 05–1037 05–2250
Displayed set temperature value does not match with operation of temperature control switch	1. A/C amplifier assy	05–1037
Brightness does not change when rheostat volume or light control switch is adjusted	1. Illumination light system 2. A/C amplifier assy	– 05–1037
Unable to access the diagnosis mode	1. A/C amplifier assy	05–1037
DTC not recorded. Set mode is cleared when IG switch is turned off	1. Back–up power source circuit 2. A/C amplifier assy	05–1128 05–1037
Unable to control A/C with the steering pad switch	1. Steering pad switch circuit 2. A/C amplifier assy	– 05–1037
Unable to control A/C with the multi–display	1. Multiplex communication circuit 2. Multi–display assy 3. A/C amplifier assy	05–2250 05–1548 05–1037
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	05–1139 05–1143 05–1037 05–2250

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