050TM–12

PROBLEM SYMPTOMS TABLE

Front A/C

Symptom	Suspect Area	See page
Whole functions of the A/C system do not operate.	1. IG power source circuit 2. A/C amplifier assy 3. Heater control panel communication circuit	★ 05–345 ★
Air Flow Control : Cannot operate air flow control	1. Blower motor circuit 2. A/C amplifier assy	★ 05–345
Air Flow Control : Cannot control air flow	1. Blower motor circuit	★
Air Flow Control : Insufficient air comes out	1. Blower motor circuit 2. A/C amplifier assy	★ 05–345
Temperature Control : Cool air does not come out	1. Volume of refrigerant 2. Drive belt tension 3. Refrigerant pressure 4. Compressor lock sensor circuit 5. Compressor circuit 6. Igniter circuit 7. Pressure switch circuit 8. Air mix control servomotor circuit 9. Air mix damper position sensor circuit 10.Room temp. sensor circuit 11.Ambient temp. sensor circuit 12.Vehicle speed signal circuit 13.A/C amplifier assy	★ 55–10 ★ 05–354 05–363 05–368 ★ ★ ★ ★ ★ ★ ★
Temperature Control : Warm air does not come out	1. Air mix control servomotor circuit 2. Air mix damper position sensor circuit 3. Ambient temp. sensor circuit 4. Vehicle speed signal circuit 5. Room temp. sensor circuit 6. Evaporator temp. sensor circuit 7. A/C amplifier assy 8. Heater radiator	★ ★ ★ ★ ★ ★ 05–345 –
Temperature Control : Output air is warmer or cooler than the set temperature or response is slow.	1. Room temp. sensor circuit 2. Ambient temp. sensor circuit 3. Vehicle speed signal circuit 4. Solar sensor circuit 5. Air mix damper position sensor circuit 6. Air mix control servomotor circuit 7. Water temp. sensor circuit 8. A/C amplifier assy	★ ★ ★ ★ ★ ★ ★ 05–345
Temperature Control : Cannot control temperature (only Max. cool or Max. warm)	1. Air mix control servomotor circuit 2. Air mix damper position sensor circuit 3. A/C amplifier assy	★ ★ 05–345
Cannot control air inlet	1. Air inlet damper control servomotor circuit 2. Air inlet damper position circuit 3. A/C amplifier assy	★ ★ 05–345
Cannot control air outlet	1. Air outlet damper position sensor circuit 2. Air outlet control servomotor circuit 3. A/C amplifier assy	★ ★ 05–345
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. A/C amplifier assy	★ 05–345
Set temperature value displayed does not match with operation of temperature control switch.	1. A/C amplifier assy	05–345

Brightness does not change when rheostat volume or light control switch is turned on.	1. A/C amplifier assy	05–345
Unable to access the diagnosis mode.	1. Heater control panel communication circuit 2. A/C amplifier assy	★ 05–345
DTC is not recorded. Set mode is cleared when IG switch is turned off.	1. Back–up power source circuit 2. A/C amplifier assy	★ 05–345

Rear cooler

Symptom	Suspect Area	See page
Whole functions of the A/C system do not operate.	1. A/C amplifier assy 2. Rear cooler control panel circuit	05–345 ★
Air Flow Control : Cannot operate air flow control	1. Rear blower motor circuit 2. A/C amplifier assy	★ 05–345
Air Flow Control : Cannot control air flow	1. Rear blower motor circuit 2. A/C amplifier assy	★ 05–345
Air Flow Control : Insufficient air comes out	1. Rear blower motor circuit 2. A/C amplifier assy	★ 05–345
Temperature Control : Cool air does not come out	1. Volume of refrigerant 2. Drive belt tension 3. Refrigerant pressure 4. Compressor lock sensor circuit 5. Compressor circuit 6. Ignitor circuit 7. Pressure switch circuit 8. Ambient temp. sensor circuit 9. Vehicle speed signal circuit 10.Rear evaporator temperature sensor circuit 11.A/C amplifier assy	★ 55–10 ★ ★ ★ ★ ★ ★ ★ ★ 05–345

HINT:

★: See Pub. No. RM990E