

PROBLEM SYMPTOMS TABLE

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate	1. A/C control assembly 2. ACC power source circuit	IN-30 DI-945
Air Flow Control: No blower operation	1. ACC power source circuit 2. Heater main relay circuit 3. Blower motor circuit 4. A/C control assembly	DI-945 DI-646* DI-967* IN-30
Air Flow Control: No blower control	1. Heater main relay circuit 2. Blower motor circuit 3. A/C control assembly 4. Solar sensor circuit	DI-646* DI-967* IN-30 DI-926* DI-935*
Air Flow Control: Insufficient air flow	Blower motor circuit	DI-967*
Temperature Control: No cool air comes out	1. Refrigerant volume 2. Drive belt tension 3. Refrigeration system inspection with manifold gauge set 4. Compressor circuit 5. Pressure switch circuit 6. Compressor lock sensor circuit 7. Air mix damper position sensor circuit 8. Air mix damper control servomotor circuit 9. Room temp. sensor circuit 10. Ambient temp. sensor circuit 11. A/C control assembly	AC-22* AC-2 AC-3* DI-948 DI-939 DI-936 DI-938* DI-947* DI-950* DI-959* DI-914* DI-932 IN-30
Temperature Control: No warm air comes out	1. Air mix damper position sensor circuit 2. Air mix damper control servomotor circuit 3. Room temp. sensor circuit 4. Ambient temp. sensor circuit 5. Evaporator temp. sensor circuit 6. A/C control assembly	DI-938* DI-947* DI-950* DI-959* DI-914* DI-932 DI-920* IN-30
Temperature Control: Output air is warmer or cooler than the set temperature or response is slow	1. Refrigerant volume 2. Drive belt tension 3. Refrigeration system inspection with manifold gauge set 4. Cooling fan system 5. Solar sensor circuit 6. Room temp. sensor circuit 7. Ambient temp. sensor circuit 8. Evaporator temp. sensor circuit 9. Air mix damper position sensor circuit 10. Air mix damper control servomotor circuit 11. Air inlet damper position sensor circuit 12. Air inlet damper control servomotor circuit 13. Condenser 14. Evaporator 15. Heater radiator 16. Expansion valve 17. A/C control assembly	AC-22* AC-2 AC-3* CO-22* DI-926* DI-935* DI-914* DI-932 DI-920* DI-938* DI-947* DI-950* DI-959* DI-941* DI-953* AC-52* AC-57* AC-60* AC-62* IN-30

DIAGNOSTICS – AIR CONDITIONING SYSTEM

Symptom	Suspect Area	See page
Temperature Control: No temperature control (only Max. cool or Max. warm)	1. Room temp. sensor circuit 2. Ambient temp. sensor circuit 3. Air mix damper position sensor circuit 4. Air mix damper control servomotor circuit 5. A/C control assembly	DI-914* DI-932 DI-938* DI-947* DI-950* DI-959* IN-30
No air inlet control	1. Air inlet damper position sensor circuit 2. Air inlet damper control servomotor circuit 3. A/C control assembly	DI-941* DI-953* IN-30
No air flow mode	1. Air outlet damper position sensor circuit 2. Air outlet damper control servomotor circuit 3. A/C control assembly 4. Exhaust gas sensor	DI-944* DI-956* IN-30 DI-923*
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. A/C control assembly	DI-948 IN-30
Blinking of A/C indicator	1. Compressor circuit 2. A/C control assembly	DI-948 IN-30
Set temp. value displayed does not change up with operation of temp. control switch.	A/C control assembly	IN-30
DTC not recorded. Set mode is cleared when IG switch is turned off.	1. Back-up power source circuit 2. A/C control assembly	DI-942 IN-30

*: See Pub. No. RM588E