PROBLEM SYMPTOMS TABLE

DI607–01

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–32 DI–712
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–712 DI–715 DI–718 IN–32
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–715 DI–718 IN–32 DI–685
Air Flow Control: Insufficient air flow	Blower motor circuit	DI–718
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. Air mix damper position sensor circuit 7. Air mix damper control servomotor circuit 8. Room temp. sensor circuit 9. Ambient temp. sensor circuit 10. A/C control assembly	AC–23 AC–16 AC–3 DI–721 DI–688 DI–691 DI–697 DI–676 DI–679 IN–32
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–691 DI–697 DI–676 DI–679 DI–682 IN–32
Temperature Control: Output air is warmer or cooler that 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 control servomotor circuit 12. Condenser 13. Evaporator 14. Heater radiator 15. Expansion valve 16. A/C control assembly	AC–23 AC–16 AC–3 CO–22 DI–685 DI–676 DI–679 DI–682 DI–691 DI–697 DI–697 AC–48 AC–32 AC–32 AC–53 IN–32

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–676 DI–679 DI–691 DI–697 IN–32
No air inlet control	1. Air inlet damper control servomotor circuit 2. A/C control assembly	DI–700 IN–32
No air flow mode	1. Air outlet damper position sensor circuit 2. Air outlet damper control servomotor circuit 3. A/C control assembly	DI–694 DI–703 IN–32
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. A/C control assembly	DI–721 IN–32
Set temp. value displayed does not change up with operation of temp. control switch.	A/C control assembly	IN–32
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–706 IN–32