

PROBLEM SYMPTOMS TABLE

Front A/C

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate	3. A/C control assembly 4. IG power source circuit	IN-31 DI-749
Air Flow Control: No blower operation	1. IG power source circuit 2. Front heater relay circuit 3. Blower motor circuit 4. A/C control assembly	DI-749 DI-756 DI-765 IN-31
Air Flow Control: No blower control	1. Blower motor circuit 2. A/C control assembly 3. Solar sensor circuit	DI-765 IN-31 DI-715
Air Flow Control: Insufficient air flow	Blower motor circuit	DI-765
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. Front air mix damper position sensor circuit 7. Front air mix damper control servomotor circuit 8. Front room temp. sensor circuit 9. Ambient temp. sensor circuit 10. A/C control assembly	AC-3 AC-17 AC-3 DI-776 DI-721 DI-727 DI-736 DI-712 DI-703 IN-31
Temperature Control: No warm air comes out	1. Front air mix damper position sensor circuit 2. Front air mix damper control servomotor circuit 3. Front room temp. sensor circuit 4. Ambient temp. sensor circuit 5. Front evaporator temp. sensor circuit 6. A/C control assembly	DI-727 DI-736 DI-712 DI-703 DI-706 IN-31
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. Front room temp. sensor circuit 7. Ambient temp. sensor circuit 8. Front Evaporator temp. sensor circuit 9. Front air mix damper position sensor circuit 10. Front air mix damper control servomotor circuit 11. Front air inlet damper position sensor circuit 12. Front air inlet damper control servomotor circuit 13. Condenser 14. Evaporator 15. Heater radiator 16. Expansion valve 17. A/C control assembly	AC-3 AC-17 AC-3 AC-109 DI-715 DI-712 DI-703 DI-706 DI-727 DI-736 DI-730 DI-739 AC-72 AC-30 AC-77 AC-25 IN-31

Symptom	Suspect Area	See page
Temperature Control: No temperature control (only Max. cool or Max. warm)	1. Front room temp. sensor circuit 2. Ambient temp. sensor circuit 3. Front air mix damper position sensor circuit 4. Front air mix damper control servomotor circuit 5. A/C control assembly	DI-712 DI-703 DI-727 DI-736 IN-31
No air inlet control	1. Front air inlet damper position sensor circuit 2. Front air inlet damper control servomotor circuit 3. A/C control assembly	DI-730 DI-739 IN-31
No air flow control	1. Air outlet damper control servomotor circuit 2. A/C control assembly	DI-744 IN-31
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. ECM	DI-776 DI-19
A/C indicator blinking	1. Igniter circuit 2. Compressor lock sensor circuit 3. A/C control assembly	DI-754 DI-718 DI-19

Rear A/C

Symptom	Suspect Area	See page
Whole functions of the rear A/C system does not operate	1. IG power source circuit 2. A/C control assembly	DI-749 IN-31
Air Flow Control: No blower operation (for rear cooling)	1. IG power source circuit 2. Rear CLR relay circuit 3. Rear blower motor circuit 4. A/C control assembly	DI-749 DI-762 DI-768 IN-31
Air Flow Control: No blower operation (for rear heater)	1. IG power source circuit 2. Rear heater relay circuit 3. Rear blower motor circuit 4. A/C control assembly	DI-749 DI-759 DI-772 IN-31
Air Flow Control: No blower control (for rear cooling)	1. Rear blower motor circuit 2. A/C control assembly 3. Solar sensor circuit	DI-772 IN-31 DI-715
Air Flow Control: No blower control (for rear heater)	1. Rear blower motor circuit 2. A/C control assembly 3. Solar sensor circuit	DI-768 IN-31 DI-715
Air Flow Control: Insufficient air flow (for rear cooling)	1. Rear blower motor circuit	DI-768
Air Flow Control: Insufficient air flow (for rear heater)	1. Rear blower motor circuit	DI-768
Temperature Control: No cool air comes out	1. Refrigerant volume 2. Drive belt tension 3. Refrigeration system inspection with manifold gauge set 4. Expansion valve 5. Evaporator 6. Compressor circuit 7. Rear air mix damper position sensor circuit 8. Rear air mix damper control servomotor circuit 9. Rear room temp. sensor circuit 10. A/C control assembly	AC-3 AC-17 AC-3 AC-33 AC-38 DI-776 DI-733 DI-742 DI-712 IN-31
Temperature Control: No warm air comes out	1. Rear air mix damper position sensor circuit 2. Rear air mix damper control servomotor circuit 3. Rear room temp. sensor circuit 4. Rear air intake temp. sensor circuit 5. A/C control assembly	DI-733 DI-742 DI-712 DI-724 IN-31
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. Rear room temp. sensor circuit 7. Rear air intake temp. sensor circuit 8. Rear air mix damper position sensor circuit 9. Rear air mix damper control servomotor circuit 10. Condenser 11. Evaporator 12. Heater radiator 13. Expansion valve 14. A/C control assembly	AC-3 AC-17 AC-3 AC-109 DI-715 DI-712 DI-724 DI-733 DI-742 AC-72 AC-33 AC-51 AC-33 IN-31
Temperature Control: No temperature control (only Max. cool or Max. warm)	1. Rear room temp. sensor circuit 2. Rear air mix damper position sensor circuit 3. Rear air mix damper control servomotor circuit 4. A/C control assembly	DI-712 DI-733 DI-742 IN-31