

PROBLEM SYMPTOMS TABLE

Front A/C:

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate	3. A/C amplifier 4. ACC power source circuit	IN-34 DI-947
Air Flow Control: No blower operation	1. ACC power source circuit 2. Heater main relay 3. Blower motor circuit 4. A/C amplifier	DI-947 AC-95 DI-951 IN-34
Air Flow Control: No blower control	1. Heater main relay 2. Blower motor circuit 3. A/C amplifier 4. Solar sensor circuit	AC-95 DI-951 IN-34 DI-912
Air Flow Control: Insufficient air flow	Blower motor circuit	DI-951
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 amplifier	AC-23 AC-15 AC-3 DI-954 DI-918 DI-925 DI-935 DI-894 DI-897 IN-34
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 amplifier	DI-925 DI-935 DI-894 DI-897 DI-900 IN-34
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 amplifier	AC-23 AC-15 AC-3 – DI-912 DI-894 DI-897 DI-900 DI-925 DI-935 DI-928 DI-938 AC-69 AC-78 AC-43 AC-24 IN-34

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 amplifier	DI-894 DI-897 DI-925 DI-935 IN-34
No air inlet control	1. Front air inlet damper position sensor circuit 2. Front air inlet damper control servomotor circuit 3. A/C amplifier	DI-928 DI-938 IN-34
No air flow mode	1. Air outlet damper control servomotor 2. A/C amplifier	– IN-34
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. A/C amplifier	DI-954 IN-34

Rear A/C:

Symptom	Suspect Area	See page
Whole functions of the rear A/C system does not operate	1. Rear A/C amplifier 2. ACC power source circuit	IN-34 DI-947
Air Flow Control: No blower operation	1. ACC power source circuit 2. Rear heater main relay 3. Rear blower motor 4. Rear A/C amplifier 5. Power transistor	DI-947 AC-96 AC-46 IN-34 AC-83 AC-84
Air Flow Control: No blower control	1. Rear heater main relay 2. Rear Blower motor 3. Power transistor 4. Rear A/C amplifier 5. Solar sensor circuit	AC-96 AC-46 AC-83 AC-84 IN-34 DI-912
Air Flow Control: Insufficient air flow	1. Rear Blower motor 2. Power transistor	DI-951 AC-83 AC-84
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. Rear air mix damper position sensor circuit 7. Rear air mix damper control servomotor circuit 8. Rear room temp. sensor circuit 9. Ambient temp. sensor circuit 10. Rear A/C amplifier	AC-23 AC-15 AC-3 DI-954 DI-918 DI-932 DI-941 DI-909 DI-897 IN-34
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. Ambient temp. sensor circuit 5. Rear evaporator temp. sensor circuit 6. Rear A/C amplifier	DI-932 DI-941 DI-909 DI-897 DI-906 IN-34
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. Ambient temp. sensor circuit 8. Rear Evaporator temp. sensor circuit 9. Rear air mix damper position sensor circuit 10. Rear air mix damper control servomotor circuit 11. Condenser 12. Evaporator 13. Heater radiator 14. Expansion valve 15. Rear A/C amplifier	AC-23 AC-15 AC-3 – DI-912 DI-894 DI-897 DI-906 DI-932 DI-941 AC-69 AC-30 AC-46 AC-31 IN-34
Temperature Control: No temperature control (only Max. cool or Max. warm)	1. Rear room temp. sensor circuit 2. Ambient temp. sensor circuit 3. Rear air mix damper position sensor circuit 4. Rear air mix damper control servomotor circuit 5. Rear A/C amplifier	DI-909 DI-897 DI-932 DI-941 IN-34