

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-964
Air Flow Control: No blower operation	1. ACC power source circuit 2. Heater main relay 3. Blower motor circuit 4. A/C amplifier	DI-964 AC-95 DI-968 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-968 IN-34 DI-929
Air Flow Control: Insufficient air flow	Blower motor circuit	DI-968
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-971 DI-935 DI-942 DI-952 DI-911 DI-914 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-942 DI-952 DI-911 DI-914 DI-917 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-929 DI-911 DI-914 DI-917 DI-942 DI-952 DI-945 DI-955 AC-69 AC-78 AC-43 AC-24 IN-34

DIAGNOSTICS – AIR CONDITIONING SYSTEM

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-911 DI-914 DI-942 DI-952 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-945 DI-955 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-971 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-964
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-964 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-929
Air Flow Control: Insufficient air flow	1. Rear Blower motor 2. Power transistor	DI-968 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-971 DI-935 DI-949 DI-958 DI-926 DI-914 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-949 DI-958 DI-926 DI-914 DI-923 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-929 DI-911 DI-914 DI-923 DI-949 DI-958 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-926 DI-914 DI-949 DI-958 IN-34