

PROBLEM SYMPTOMS TABLE

FRONT A/C

Symptom	Suspect Area	See page
Whole functions does not operate	1. IG power source circuit 2. A/C amplifier 3. EMV	DI-1366 DI-1309 DI-1179
Air Flow Control: No blower operation	1. Heater main relay 2. Blower motor circuit 3. A/C amplifier 4. Blower motor controller	AC-94 DI-1369 DI-1309 AC-81
Air Flow Control: No blower control	1. Blower motor circuit 2. A/C amplifier 3. Solar sensor circuit 4. Blower motor controller	DI-1369 DI-1309 DI-1333 AC-81
Air Flow Control: Insufficient air flow	1. Blower motor circuit 2. Blower motor controller	DI-1369 AC-81
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 11. ECM	AC-22 AC-15 AC-3 DI-1372 DI-1339 DI-1345 DI-1354 DI-1316 DI-1319 IN-36 DI-1179
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-1345 DI-1354 DI-1316 DI-1319 DI-1322 IN-36
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. Solar sensor circuit 5. Front room temp. sensor circuit 6. Ambient temp. sensor circuit 7. Front Evaporator temp. sensor circuit 8. Front air mix damper position sensor circuit 9. Front air mix damper control servomotor circuit 10. Front air inlet damper position sensor circuit 11. Front air inlet damper control servomotor circuit 12. Condenser 13. Evaporator 14. Heater radiator 15. Expansion valve 16. A/C amplifier 17. ECM	AC-22 AC-15 AC-3 DI-1333 DI-1316 DI-1319 DI-1322 DI-1345 DI-1354 DI-1348 DI-1357 AC-68 AC-73 AC-42 AC-23 IN-36 DI-1179

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-1316 DI-1319 DI-1345 DI-1354 DI-1309
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-1348 DI-1357 DI-1309
No air flow control	1. Air outlet damper position sensor circuit 2. Air outlet damper control servomotor circuit 3. A/C amplifier	AC-85 AC-85 DI-1309
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. ECM	DI-1372 DI-46

REAR A/C

Symptom	Suspect Area	See page
Whole functions does not operate	1. Rear A/C amplifier	IN-36
Air Flow Control: No blower operation	2. Rear heater main relay 3. Rear blower motor 3. Rear blower resister 4. Rear A/C amplifier	AC-95 AC-45 – IN-36
Air Flow Control: No blower control	1. Rear heater main relay 2. Rear blower motor 3. Rear blower resister 4. Rear A/C amplifier 5. Solar sensor circuit	AC-95 AC-45 – IN-36 DI-1333
Air Flow Control: Insufficient air flow	1. Rear blower motor 2. Rear blower resister	DI-1369 –
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-22 AC-15 AC-3 DI-1372 DI-1339 DI-1351 DI-1360 DI-1330 DI-1319 IN-36
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-1351 DI-1360 DI-1330 DI-1319 DI-1327 IN-36
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. Solar sensor circuit 5. Rear room temp. sensor circuit 6. Ambient temp. sensor circuit 7. Rear evaporator 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. Rear A/C amplifier	AC-22 AC-15 AC-3 DI-1333 DI-1330 DI-1319 DI-1327 DI-1351 DI-1360 AC-68 AC-29 AC-45 AC-29 IN-36
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-1330 DI-1319 DI-1351 DI-1360 IN-36