DI3F3–01

PROBLEM SYMPTOMS TABLE

1. Front A/C

Symptom	Suspect Area	See page
Whole functions of the A/C system does not operate	1. A/C amplifier 2. ACC power source circuit	IN–34 DI–821
Air Flow Control: No blower operation	1. ACC power source circuit 2. Heater main relay 3. Blower motor circuit 4. A/C amplifier 5. Blower motor controller	DI–821 AC–97 DI–824 IN–34 AC–83
Air Flow Control: No blower control	1. Blower motor circuit 2. A/C amplifier 3. Solar sensor circuit 4. Blower motor controller	DI–824 IN–34 DI–792 AC–83
Air Flow Control: Insufficient air flow	1. Blower motor circuit 2. Blower motor controller	DI–824 AC–83
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–22 AC–15 AC–3 DI–827 DI–798 DI–804 DI–813 DI–772 DI–775 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–804 DI–813 DI–772 DI–775 DI–778 IN–34
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. 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–22 AC–15 AC–3 AC–101 DI–792 DI–772 DI–775 DI–778 DI–804 DI–813 DI–807 DI–815 AC–70 AC–75 AC–44 AC–23 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–772 DI–775 DI–804 DI–813 IN–34
No air inlet control	1. Front air inlet damper position sensor circuit 2. Front air inlet damper control servomotor circuit 3. Exhaust gas sensor 4. A/C amplifier	DI–807 DI–815 DI–786 IN–34
No air flow control	1. Air outlet damper position sensor circuit 2. Air outlet damper control servomotor circuit 3. A/C amplifier	AC–87 AC–87 IN–34
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. ECM	DI–827 DI–20

2. 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–821
Air Flow Control: No blower operation	1. ACC power source circuit 2. Rear heater main relay 3. Rear blower motor 3. Rear Blower resister 4. Rear A/C amplifier	DI–821 AC–98 AC–47 IN–34
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–98 AC–47 IN–34 DI–792
Air Flow Control: Insufficient air flow	1. Rear Blower motor 2. Rear Blower resister	DI–824
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–827 DI–798 DI–810 DI–817 DI–789 DI–775 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–810 DI–817 DI–789 DI–775 DI–783 IN–34
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. 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–22 AC–15 AC–3 AC–101 DI–792 DI–789 DI–775 DI–783 DI–810 DI–817 AC–70 AC–29 AC–47 AC–29 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–789 DI–775 DI–810 DI–817 IN–34