DI29M–12

PROBLEM SYMPTOMS TABLE

FRONT A/C

Symptom	Suspect Area	See page
Whole functions does not operate	1. IG power source circuit	DI–1139
	2. A/C amplifier	DI–1081
	3. EMV	DI–1006
Air Flow Control: No blower operation	1. Heater main relay	AC–94
	2. Blower motor circuit	DI–1142
	3. A/C amplifier	DI–1081
	4. Blower motor controller	AC–81
Air Flow Control: No blower control	1. Blower motor circuit	DI–1142
	2. A/C amplifier	DI–1081
	3. Solar sensor circuit	DI–1106
	4. Blower motor controller	AC–81
Air Flow Control: Insufficient air flow	1. Blower motor circuit	DI–1142
	2. Blower motor controller	AC–81
Temperature Control: No cool air comes out	1. Refrigerant volume	AC–22
	2. Drive belt tension	AC–15
	3. Refrigeration system inspection with manifold gauge set	AC–3
	4. Compressor circuit	DI–1145
	5. Pressure switch circuit	DI–1112
	6. Front air mix damper position sensor circuit	DI–1118
	7. Front air mix damper control servomotor circuit	DI–1127
	8. Front room temp. sensor circuit	DI–1089
	9. Ambient temp. sensor circuit	DI–1092
	10. A/C amplifier	IN–36
	11. ECM	DI–1006
Temperature Control: No warm air comes out	1. Front air mix damper position sensor circuit	DI–1118
	2. Front air mix damper control servomotor circuit	DI–1127
	3. Front room temp. sensor circuit	DI–1089
	4. Ambient temp. sensor circuit	DI–1092
	5. Front evaporator temp. sensor circuit	DI–1095
	6. A/C amplifier	IN–36
Temperature Control: Output air is warmer or cooler than the set temperature, or response is slow	1. Refrigerant volume	AC–22
	2. Drive belt tension	AC–15
	3. Refrigeration system inspection with manifold gauge set	AC–3
	4. Solar sensor circuit	DI–1106
	5. Front room temp. sensor circuit	DI–1089
	6. Ambient temp. sensor circuit	DI–1092
	7. Front Evaporator temp. sensor circuit	DI–1095
	8. Front air mix damper position sensor circuit	DI–1118
	9. Front air mix damper control servomotor circuit	DI–1127
	10. Front air inlet damper position sensor circuit	DI–1121
	11. Front air inlet damper control servomotor circuit	DI–1130
	12. Condenser	AC–68
	13. Evaporator	AC–73
	14. Heater radiator	AC–42
	15. Expansion valve	AC–23
	16. A/C amplifier	IN–36
	17. ECM	DI–1006

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–1089 DI–1092 DI–1118 DI–1127 DI–1081
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–1121 DI–1130 DI–1081
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–1081
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. ECM	DI–1145 DI–33

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–1106
Air Flow Control: Insufficient air flow	1. Rear blower motor 2. Rear blower resister	DI–1142 –
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–1145 DI–1112 DI–1124 DI–1133 DI–1103 DI–1092 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–1124 DI–1133 DI–1103 DI–1092 DI–1100 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–1106 DI–1103 DI–1092 DI–1100 DI–1124 DI–1133 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–1103 DI–1092 DI–1124 DI–1133 IN–36