DI29M–1

PROBLEM SYMPTOMS TABLE

FRONT A/C

Symptom	Suspect Area	See page
Whole functions does not operate	1. IG power source circuit	DI–1291
	2. A/C amplifier	DI–1233
	3. EMV	–
Air Flow Control: No blower operation	1. IG power source circuit	DI–1291
	2. Heater main relay	AC–15
	3. Blower motor circuit	DI–1294
	4. A/C amplifier	DI–1233
	5. Blower motor controller	–
Air Flow Control: No blower control	1. Blower motor circuit	DI–1294
	2. A/C amplifier	DI–1233
	3. Solar sensor circuit	DI–1258
	4. Blower motor controller	–
Air Flow Control: Insufficient air flow	1. Blower motor circuit	DI–1294
	2. Blower motor controller	–
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	DI–1297
	5. Pressure switch circuit	DI–1264
	6. Front air mix damper position sensor circuit	DI–1270
	7. Front air mix damper control servomotor circuit	DI–1279
	8. Front room temp. sensor circuit	DI–1241
	9. Ambient temp. sensor circuit	DI–1244
	10. A/C amplifier	DI–1233
	11. Engine (and ECT) ECU	–
Temperature Control: No warm air comes out	1. Front air mix damper position sensor circuit	DI–1270
	2. Front air mix damper control servomotor circuit	DI–1279
	3. Front room temp. sensor circuit	DI–1241
	4. Ambient temp. sensor circuit	DI–1244
	5. Front evaporator temp. sensor circuit	DI–1247
	6. A/C amplifier	DI–1233
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	DI–1258
	6. Front room temp. sensor circuit	DI–1241
	7. Ambient temp. sensor circuit	DI–1244
	8. Front Evaporator temp. sensor circuit	DI–1247
	9. Front air mix damper position sensor circuit	DI–1270
	10. Front air mix damper control servomotor circuit	DI–1279
	11. Front air inlet damper position sensor circuit	DI–1273
	12. Front air inlet damper control servomotor circuit	DI–1282
	13. Condenser	–
	14. Evaporator	–
	15. Heater radiator	–
	16. Expansion valve	–
	17. A/C amplifier	DI–1233
	18. Engine (and ECT) ECU	–

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–1241 DI–1244 DI–1270 DI–1279 DI–1233
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–1273 DI–1282 DI–1233
No air flow control	1. Air outlet damper position sensor circuit 2. Air outlet damper control servomotor circuit 3. A/C amplifier	– – DI–1233
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. Engine (and ECT) ECU	DI–1297 –

REAR A/C

Symptom	Suspect Area	See page
Whole functions does not operate	1. Rear A/C amplifier 2. IG power source circuit	IN–38 DI–1291
Air Flow Control: No blower operation	1. IG power source circuit 2. Rear heater main relay 3. Rear blower motor 3. Rear blower resister 4. Rear A/C amplifier	DI–1291 AC–16 – – IN–38
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–16 – – IN–38 DI–1258
Air Flow Control: Insufficient air flow	1. Rear blower motor 2. Rear blower resister	– –
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	– – – DI–1297 DI–1264 DI–1276 DI–1285 DI–1255 DI–1244 IN–38
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–1276 DI–1285 DI–1255 DI–1244 DI–1252 IN–38
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	– – – – DI–1258 DI–1255 DI–1244 DI–1252 DI–1276 DI–1285 – – – – IN–38
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–1255 DI–1244 DI–1276 DI–1285 IN–38