DI3F3–08

PROBLEM SYMPTOMS TABLE

FRONT A/C

Symptom	Suspect Area	See page
Whole does not operate	1. IG power source circuit	DI–1787
	2. A/C amplifier	DI–1725
	3. EMV	DI–1583
Air Flow Control: No blower operation	1. Heater main relay	AC–95
	2. Blower motor circuit	DI–1790
	3. A/C amplifier	DI–1725
	4. Blower motor controller	AC–81
Air Flow Control: No blower control	1. Blower motor circuit	DI–1790
	2. A/C amplifier	DI–1725
	3. Solar sensor circuit	DI–1751
	4. Blower motor controller	AC–81
Air Flow Control: Insufficient air flow	1. Blower motor circuit	DI–1790
	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–1793
	5. Pressure switch circuit	DI–1757
	6. Front air mix damper position sensor circuit	DI–1763
	7. Front air mix damper control servomotor circuit	DI–1772
	8. Front room temp. sensor circuit	DI–1731
	9. Ambient temp. sensor circuit	DI–1734
	10. A/C amplifier	DI–1725
	11. ECM	DI–41
Temperature Control: No warm air comes out	1. Front air mix damper position sensor circuit	DI–1763
	2. Front air mix damper control servomotor circuit	DI–1772
	3. Front room temp. sensor circuit	DI–1731
	4. Ambient temp. sensor circuit	DI–1734
	5. Front evaporator temp. sensor circuit	DI–1737
	6. A/C amplifier	DI–1725
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–1751
	5. Front room temp. sensor circuit	DI–1731
	6. Ambient temp. sensor circuit	DI–1734
	7. Front Evaporator temp. sensor circuit	DI–1737
	8. Front air mix damper position sensor circuit	DI–1763
	9. Front air mix damper control servomotor circuit	DI–1772
	10. Front air inlet damper position sensor circuit	DI–1766
	11. Front air inlet damper control servomotor circuit	DI–1775
	12. Condenser	AC–68
	13. Evaporator	AC–73
	14. Heater radiator	AC–42
	15. Expansion valve	AC–23
	16. A/C amplifier	DI–1725
	17. ECM	DI–41

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–1731 DI–1734 DI–1763 DI–1772 DI–1725
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–1766 DI–1775 DI–1745 DI–1781 DI–1725
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–1725
Engine idle up does not occur, or is continuous	1. Compressor circuit 2. ECM	DI–1793 DI–41

REAR A/C

Symptom	Suspect Area	See page
Whole functions does not operate	1. Rear A/C amplifier 2. IG power source circuit	IN–36 DI–1787
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–1787 AC–96 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–96 AC–45 – IN–36 DI–1751
Air Flow Control: Insufficient air flow	1. Rear blower motor 2. Rear blower resister	AC–45 –
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–1793 DI–1757 DI–1769 DI–1778 DI–1748 DI–1734 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–1769 DI–1778 DI–1748 DI–1734 DI–1742 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–1751 DI–1748 DI–1734 DI–1742 DI–1769 DI–1778 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–1748 DI–1734 DI–1769 DI–1778 IN–36