

PROBLEM SYMPTOMS TABLE**Front A/C**

| Symptom | Suspect Area | See page |
|---|--|---|
| Whole functions of the A/C system does not operate | 3. IG power source circuit 4. ACC power source circuit | DI-1847 DI-1850 |
| Air Flow Control : No blower operation | 1. IG power source circuit 2. ACC power source circuit 3. Blower motor circuit | DI-1847 DI-1850 DI-1852 |
| Air Flow Control : No blower control | 1. Blower motor circuit 2. Room temp. sensor circuit 3. Ambient temp. sensor circuit 4. Solar sensor circuit (Driver Side) 5. Solar sensor circuit (Passenger Side) | DI-1852 DI-1775 DI-1778 DI-1802 DI-1793 |
| Air Flow Control : Insufficient air flow | 1. Blower motor circuit | DI-1852 |
| Temperature Control : No cool air comes out | 1. Blower motor circuit 2. Pressure sensor circuit 3. Air mix damper control servomotor circuit 4. Room temp. sensor circuit 5. Ambient temp. sensor circuit 6. Evaporator temp. sensor circuit 7. Compressor lock sensor circuit 8. Solenoid of the externally changeable compressor circuit 9. Back up power source circuit | DI-1852 DI-1799 DI-1842 DI-1775 DI-1778 DI-1781 DI-1796 DI-1824* DI-1845 |
| Temperature Control : No warm air comes out | 1. Air mix damper control servomotor circuit 2. Water valve control servomotor circuit 3. Room temp. sensor circuit 4. Ambient temp. sensor circuit 5. Evaporator temp. sensor circuit 6. Compressor lock sensor circuit 7. Solenoid of the externally changeable compressor circuit 8. Pressure sensor circuit 9. Back up power source circuit | DI-1842 DI-1836 DI-1775 DI-1778 DI-1781 DI-1796 DI-1824* DI-1799 DI-1845 |
| Temperature Control : Output air is warmer or cooler than the set temperature or response is slow | 1. Air mix damper control servomotor circuit 2. Water valve control servomotor circuit 3. Cool air bypass damper control servomotor circuit (Driver side) 4. Cool air bypass damper control servomotor circuit (Passenger side) 5. Cool air bypass damper position sensor circuit (Driver side) 6. Cool air bypass damper position sensor circuit (Passenger side) 7. Room temp. sensor circuit 8. Ambient temp. sensor circuit 9. Evaporator temp. sensor circuit 10. Air duct sensor circuit (Driver side) 11. Air duct sensor circuit (Passenger Side) 12. Solar sensor circuit (Driver side) 13. Solar sensor circuit (Passenger side) | DI-1842 DI-1836 DI-1830 DI-1833 DI-1813 DI-1817 DI-1775 DI-1778 DI-1781 DI-1784 DI-1787 DI-1802 DI-1793 |

DIAGNOSTICS - AIR CONDITIONING SYSTEM

| | | |
|--|--|--|
| Temperature Control : No temperature control (only Max. cool or Max. warm) | <ol style="list-style-type: none"> 1. Air mix damper control servomotor circuit 2. Room temp. sensor circuit 3. Cool air bypass damper control servomotor circuit (Driver Side) 4. Cool air bypass damper control servomotor circuit (Passenger Side) 5. Evaporator temp. sensor circuit 6. Solar sensor circuit (Driver side) 7. Solar sensor circuit (Passenger side) | <p>DI-1842</p> <p>DI-1775</p> <p>DI-1830</p> <p>DI-1833</p> <p>DI-1781</p> <p>DI-1802</p> <p>DI-1793</p> |
| No air inlet control | <ol style="list-style-type: none"> 1. Air inlet damper control servomotor circuit 2. Air inlet damper position sensor circuit | <p>DI-1821</p> <p>DI-1808</p> |
| No air flow mode control | <ol style="list-style-type: none"> 1. Air vent mode damper control servomotor circuit 2. Back up power source circuit | <p>DI-1839</p> <p>DI-1845</p> |
| Blinking of A/C indicator | <ol style="list-style-type: none"> 1. Compressor lock sensor circuit 2. Solenoid of the externally changeable compressor circuit | <p>DI-1796</p> <p>DI-1824</p> |
| Diagnostic trouble code not recorded. Set mode is cleared when IG switch is turned OFF. | <ol style="list-style-type: none"> 1. Back up power source circuit | <p>DI-1845</p> |

* Except G.C.C. Countries Models

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 | - DI-1850 |
| Air Flow Control: No blower operation | 1. ACC power source circuit 2. Rear A/C amplifier 3. Body ECU 4. Rear blower motor 5. Rear blower resistor | DI-1850 - - DI-1864 DI-1864 |
| Air Flow Control: No blower control | 1. Body ECU 2. Rear A/C blower motor 3. Rear A/C blower resistor 4. Rear A/C amplifier 5. Rear solar sensor circuit | - DI-1864 DI-1864 - DI-1805 |
| Air Flow control: Insufficient air flow | 1. Rear blower motor 2. Rear blower resistor | DI-1864 DI-1864 |
| Temperature control: No cool air comes out | 1. Refrigerant volume 2. Drive belt tension 3. Refrigerant pressure 4. Compressor circuit 5. Pressure sensor circuit 6. Exhaust damper control servomotor circuit 7. Ambient temperature sensor circuit 8. Rear A/C amplifier 9. Rear solar sensor circuit | AC-3 AC-3 AC-3 DI-1856 DI-1799 DI-1870 DI-1778 - DI-1805 |