DI264–04

# DIAGNOSTIC TROUBLE CODE CHART

If malfunction code is displayed during the DTC check, check the circuit listed for that code in the table below (Proceed to the page given for that circuit.)

| Blinking light | Detection Item | Trouble Area | Memory |
|---|---|---|---|
| RrDEF<br>RrACSW | Normal | – | – |
| RrDEF<br>FACE *1<br>(DI–862) | Front room temperature sensor circuit | • Front room temp. sensor<br>• Harness or connector between front room temp. sensor and A/C amplifier (Center ECU)<br>• A/C amplifier (Center ECU) | ○<br>(8.5 min. or more) |
| RrDEF<br>B/L *2<br>(DI–865) | Ambient temperature sensor circuit | • Ambient temp. sensor<br>• Harness or connector between ambient temp. sensor and A/C amplifier (Center ECU)<br>• A/C amplifier (Center ECU) | ○<br>(8.5 min. or more) |
| RrDEF<br>FOOT<br>(DI–868) | Front evaporator temperature sensor circuit | • Front evaporator temp. sensor<br>• Harness or connector between front evaporator temp. sensor and A/C amplifier (Center ECU)<br>• A/C amplifier (Center ECU) | ○<br>(8.5 min. or more) |
| RrDEF<br>F/D<br>(DI–871) | Water temperature sensor circuit | • Water temp. sensor<br>• Harness or connector between engine & ECT ECU and A/C amplifier (Center ECU)<br>• A/C amplifier (Center ECU) | – |
| RrACSW<br>FOOT<br>(DI–873) | Rear evaporator temperature sensor circuit | • Rear evaporator temp. sensor<br>• Harness or connector between Rear evaporator temp. sensor and A/C amplifier (Center ECU)<br>• A/C amplifier (Center ECU) | ○<br>(8.5 min. or more) |
| RrACSW<br>FACE *1<br>(DI–876) | Rear room temperature sensor circuit | • Rear room temp. sensor<br>• Harness or connector between rear room temp. sensor and A/C amplifier (Center ECU)<br>• A/C amplifier (Center ECU) | ○<br>(8.5 min. or more) |
| RrDEF<br>DEF *3<br>(DI–879) | Solar sensor circuit (Open) | • Solar sensor<br>• Harness or connector between solar sensor and A/C amplifier (Center ECU)<br>• A/C amplifier | – |
| | Solar sensor circuit (Short) | | ○<br>(8.5 min. or more) |
| RrDEF<br>FRS<br>(DI–882) | Open in pressure sensor circuit<br>Abnormal refrigerant pressure [below 196 kPa (2.0 kgf/cm$^2$, 28 psi) over 3,140 kPa (32.0 kgf/cm$^2$, 455 psi)] | • Pressure switch<br>• Harness or connector between pressure switch and A/C amplifier (Center ECU)<br>• Refrigerant pipe line<br>• A/C amplifier (Center ECU) | – |
| RrACSW<br>HI *1<br>(DI–885) | Rear linlet air temperature sensor circuit | • Rear inlet air temp. sensor<br>• Harness or connector between rear inlet air temp. sensor and A/C amplifier (Center ECU)<br>• A/C amplifier (Center ECU) | ○<br>(8.5 min. or more) |
| RrDEF<br>REC<br>(DI–888) | Front air mix damper position sensor circuit | • Front air mix damper position sensor<br>• A/C amplifier (Center ECU)<br>• Harness or connector between front air mix damper position sensor and A/C amplifier (Center ECU) | ○<br>(1 min. or more) |
| RrDEF<br>LO<br>(DI–891) | Air inlet damper position sensor circuit | • Air inlet damper position sensor circuit<br>• A/C amplifier (Center ECU)<br>• Harness or connector between air inlet damper position sensor and A/C amplifier (Center ECU) | ○<br>(1 min. or more) |

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| RrACSW REC (DI–894) | Rear air mix damper position sensor circuit | • Rear air mix damper position sensor<br>• A/C amplifier (Center ECU)<br>• Harness or connector between rear air mix damper position sensor and A/C amplifier (Center ECU) | – |
| RrDEF M1 (DI–888 DI–897) | Front air mix damper position sensor circuit | • Front air mix damper control servomotor<br>• Front air mix damper position sensor<br>• Harness and connector between A/C amplifier (Center ECU) front and air mix position sensor<br>• Harness and connector between A/C amplifier (Center ECU) and front air mix damper control servomotor<br>• A/C amplifier (Center ECU) | ○ (15secs. or more) |
| RrDEF M2 (DI–891 DI–899) | Air inlet damper position sensor circuit | • Air mix damper control servomotor<br>• Air mix damper position sensor<br>• Harness and connector between A/C amplifier (Center ECU) and air mix position sensor<br>• Harness and connector between A/C amplifier (Center ECU) and mix damper control servomotor<br>• A/C amplifier (Center ECU) | ○ (15secs. or more) |
| RrACSW M1 (DI–894 DI–901) | Rear Air mix damper position sensor circuit | • Air mix damper control servomotor<br>• Air mix damper position sensor<br>• Harness and connector between A/C amplifier (Center ECU) and air mix position sensor<br>• Harness and connector between A/C amplifier (Center ECU) and mix damper control servomotor<br>• A/C amplifier (Center ECU) | – |

HINT:

- *1 If the room temp. is approx. –20°C (–4°F) or lower, RrDEF and FACE indicator may be light up even though the system is normal.
- *2 If the ambient temperature is approx. –50°C (–58°F) or lower, a DTC may be output even though the system is normal.
- *3 If the check is being performed in a dark place, RrDEF and DEF (solar sensor circuit abnormal) could be light up. In this case, perform DTC check again while shining a light, such as an inspection light, on the solar sensor. If RrDEF and DEF is still light up, there could be trouble in the solar sensor circuit.