

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 RrACSW	Normal	–	–
RrDEF FACE *1 (DI-633)	Front room temperature sensor circuit	• Front room temp. sensor • Harness or connector between front room temp. sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrDEF B/L *2 (DI-636)	Ambient temperature sensor circuit	• Ambient temp. sensor • Harness or connector between ambient temp. sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrDEF FOOT (DI-639)	Front evaporator temperature sensor circuit	• Front evaporator temp. sensor • Harness or connector between front evaporator temp. sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrDEF F/D (DI-642)	Engine coolant temperature sensor circuit	• Engine coolant temp. sensor • Harness or connector between engine coolant temp. sensor and A/C amplifier • A/C amplifier	–
RrACSW FOOT (DI-644)	Rear evaporator temperature sensor circuit	• Rear evaporator temp. sensor • Harness or connector between Rear evaporator temp. sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrACSW FACE *1 (DI-647)	Rear room temperature sensor circuit	• Rear room temp. sensor • Harness or connector between rear room temp. sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrDEF DEF *3 (DI-650)	Solar sensor circuit (Open)	• Solar sensor	–
	Solar sensor circuit (Short)	• Harness or connector between solar sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrDEF FRS (DI-653)	Open in pressure sensor circuit 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 • Harness or connector between pressure switch and A/C amplifier • Refrigerant pipe line • A/C amplifier	–
RrACSW HI *1 (DI-656)	Rear inlet air temperature sensor circuit	• Rear inlet air temp. sensor • Harness or connector between rear inlet air temp. sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrDEF REC (DI-659)	Front air mix damper position sensor circuit	• Front air mix damper position sensor • A/C amplifier • Harness or connector between front air mix damper position sensor and A/C amplifier	○ (1 min. or more)
RrDEF LO (DI-662)	Air inlet damper position sensor circuit	• Air inlet damper position sensor circuit • A/C amplifier • Harness or connector between air inlet damper position sensor and A/C amplifier	○ (1 min. or more)

RrACSW REC (DI-665)	Rear air mix damper position sensor circuit	• Rear air mix damper position sensor • A/C amplifier • Harness or connector between rear air mix damper position sensor and A/C amplifier	–
RrDEF M1 (DI-659 DI-668)	Front air mix damper position sensor circuit	• Front air mix damper control servomotor • Front air mix damper position sensor • Harness and connector between A/C amplifier front and air mix position sensor • Harness and connector between A/C amplifier and front air mix damper control servomotor • A/C amplifier	○ (15secs. or more)
RrDEF M2 (DI-662 DI-670)	Air inlet damper position sensor circuit	• Air mix damper control servomotor • Air mix damper position sensor • Harness and connector between A/C amplifier and air mix position sensor • Harness and connector between A/C amplifier and mix damper control servomotor • A/C amplifier	○ (15secs. or more)
RrACSW M1 (DI-665 DI-672)	Rear Air mix damper position sensor circuit	• Air mix damper control servomotor • Air mix damper position sensor • Harness and connector between A/C amplifier and air mix position sensor • Harness and connector between A/C amplifier and mix damper control servomotor • A/C amplifier	–

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.