DI264-05

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	Normal	-	-
RrDEF FACE *1 (DI-635)	Front room temperature sensor circuit	• Room temp. sensor • Harness or connector between room temp. sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrDEF B/L *2 (DI-638)	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-641)	Evaporator temperature sensor circuit	• Evaporator temp. sensor • Harness or connector between evaporator temp. sensor and A/C amplifier • A/C amplifier	○ (8.5 min. or more)
RrDEF F/D (DI-644)	Engine coolant temperature sensor circuit	• Engine coolant temp. sensor • Harness or connector between engine coolant temp. sensor and A/C amplifier • A/C amplifier	-
RrDEF DEF *3 (DI-646)	Solar sensor circuit (Open)	• Solar sensor • Harness or connector between solar sensor and A/C amplifier • A/C amplifier	-
	Solar sensor circuit (Short)		○ (8.5 min. or more)
RrDEF FRS (DI-649)	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	-
RrDEF REC (DI-652)	Air mix damper position sensor circuit	• Air mix damper position sensor • A/C amplifier • Harness or connector between air mix damper position sensor and A/C amplifier	○ (1 min. or more)
RrDEF LO (DI-655)	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)
RrDEF M1 (DI-652 DI-658)	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 air mix damper control servomotor • A/C amplifier	○ (15secs. or more)
RrDEF M2 (DI-655 DI-660)	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)

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.