DI1C0–04

DIAGNOSTIC TROUBLE CODE CHART

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

DTC No. (See Page)	Detection Item	Trouble Area	Memory
00	Normal	–	–
11*1 (DI–434)	Room temperature sensor circuit	• Room temp. sensor • A/C control assembly • Harness or connector between room temp. sensor and A/C control assembly	○ (8.5 min. or more)
12*2 (DI–437)	Ambient temperature sensor circuit	• Ambient temp. sensor • Harness or connector between ambient temp. sensor and A/C control assembly • A/C control assembly	○ (8.5 min. or more)
13 (DI–440)	Evaporator temperature sensor circuit	• Evaporator temp. sensor • Harness or connector between evaporator temp. sensor and A/C control assembly • A/C control assembly	○ (8.5 min. or more)
14 (DI–443)	Water temperature sensor circuit	• Water temp. sensor • Harness or connector between water temp. sensor and engine (and ECT) ECU • Harness or connector between engine (and ECT) ECU and meter ECU • Harness or connector meter ECU and A/C control assembly • A/C control assembly or meter ECU	–
21*3 (DI–446)	Solar sensor circuit (short)	• Solar sensor • Harness or connector between solar sensor and A/C control assembly • A/C control assembly	○ (8.5 min. or more)
	Solar sensor circuit (open)		–
22*4 (DI–449)	Compressor lock sensor circuit	• Compressor drive belt • Compressor lock sensor • Compressor • Harness or connector between compressor and A/C control assembly, compressor lock sensor • A/C control assembly	–
31 (DI–452)	Air mix damper position sensor circuit	• Air mix damper position sensor • A/C control assembly • Harness or connector between air mix damper position sensor and A/C control assembly	○ (1 min. or more)
33 (DI–455)	Air outlet damper position sensor circuit	• Air outlet damper position sensor • A/C control assembly • Harness or connector between air outlet damper position sensor and A/C control assembly	○ (1 min. or more)
41 (DI–452, DI–458)	Air mix control servomotor	• Air mix control servomotor • Air mix damper position sensor • Harness or connector between air mix damper servomotor and A/C control assembly • A/C control assembly	○ (15 sec.)
43 (DI–455, DI–461)	Air outlet control servomotor	• Air outlet control servomotor • Air outlet damper position sensor • Harness or connector between air inlet damper, servomotor and A/C control assembly • A/C control assembly	○ (15 sec.)

HINT:

- *1: If the room temp. is approx. –18.6°C (–3.7°F) or lower, trouble code 11 may be output even though the system is normal.
- *2: If the ambient temp. is approx. –52.9°C (–61.4°F) or lower, a malfunction code may be output even though the system is normal.
- *3: If the check is being performed in a dark place, DTC 21 (solar sensor circuit abnormal) could be displayed.
- *4: Compressor lock (DTC 22) is indicated only for a current occurring malfunction (See page DI–449). To confirm DTC 22, perform the following steps.
  (1) With the engine ON, enter the DTC check mode.
  (2) Press the F/R switch to enter actuator check mode, and set the operation to step No.3.
  (3) Press the AUTO switch to return to DTC check mode.
  (4) The DTC is displayed after approx. 3 secs..
- *5: The A/C control assembly memorizes the DTC of the respective malfunction it has occurred for the period of the time indicated in the brackets.