

DIAGNOSTIC TROUBLE CODE CHART

If a malfunction code is displayed during the DTC check (sensor check), check the circuit listed for the 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* (DI-823)	Room temperature sensor circuit	<ul style="list-style-type: none"> • Room temp. Sensor • Harness or connector between room temp. sensor and A/C control assembly • A/C control assembly 	○ (8.5 min. or more)
12 (DI-826)	Ambient temperature sensor circuit	<ul style="list-style-type: none"> • 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-829)	Evaporator temperature sensor circuit	<ul style="list-style-type: none"> • 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*2 (DI-832)	Engine coolant temperature sensor circuit	<ul style="list-style-type: none"> • Engine coolant temp. sensor • Harness or connector between engine coolant temp. sensor and A/C control assembly • A/C control assembly 	○ (8.5 min. or more)
21*3 (DI-835)	Solar sensor circuit	<ul style="list-style-type: none"> • Solar sensor • Harness or connector between solar sensor and A/C control assembly • A/C control assembly 	○ (8.5 min. or more)
22*4 (DI-838)	Compressor lock sensor circuit	<ul style="list-style-type: none"> • Compressor drive belt • Compressor lock sensor • Compressor • Harness or connector between A/C control assembly and compressor, compressor lock sensor • A/C control assembly 	–
23 (DI-840)	Pressure switch circuit	<ul style="list-style-type: none"> • Pressure switch • Harness or connector between pressure switch and A/C control assembly • Refrigerant pipe line • A/C control assembly 	–
31 (DI-843)	Air mix damper position sensor circuit	<ul style="list-style-type: none"> • 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)
32 (DI-846)	Air inlet damper position sensor circuit	<ul style="list-style-type: none"> • Air inlet damper position sensor • A/C control assembly • Harness or connector between air inlet damper position sensor and A/C control assembly 	○ (1 min. or more)
33 (DI-849)	Air outlet damper position sensor circuit	<ul style="list-style-type: none"> • 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-852)	Air mix servomotor circuit	<ul style="list-style-type: none"> • Air mix servomotor • Air mix damper position sensor • Harness and connector between A/C control assembly and air mix position sensor • Harness and connector between A/C control assembly and air mix servomotor 	○ (15 secs. or more)
42 (DI-846, DI-846)	Air inlet servomotor circuit	<ul style="list-style-type: none"> • Air inlet servomotor • Air inlet damper position sensor • Harness and connector between A/C control assembly and air inlet position sensor • Harness and connector between A/C control assembly and air inlet servomotor 	○ (15 secs. or more)
43 (DI-849, DI-858)	Air outlet servomotor circuit	<ul style="list-style-type: none"> • Air outlet servomotor • Air outlet damper position sensor • Harness and connector between A/C control assembly and air outlet position sensor • Harness and connector between A/C control assembly and air outlet servomotor • A/C control assembly 	○ (15 secs. or more)

HINT:

- *¹ If the room temp. is approx. – 20°C (– 4°F) or lower, code 11 may be outlet even though the system is normal.
- *² If the ambient temperature is approx. – 50°C (– 58°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.
If this case, perform DTC check again while shining a light, such as an inspection light, on the solar sensor.
If code 21 is still displayed, there could be trouble in the solar sensor circuit.
- *⁴ Compressor lock (DTC 22) is indicated only for a current occurring malfunction (See page DI-838). To confirm DTC 22, perform the following steps.
 - (1) With the engine ON, enter the DTC check mode.
 - (2) Press the REC 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 ECU memorizes the DTC of the respective malfunction when it has occurred for the period of time indicated in the brackets.