

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 (05-1378)	Room temperature sensor circuit	<ul style="list-style-type: none"> Room temperature sensor A/C amplifier (Heater Control Housing) Harness or connector between room temperature sensor and A/C amplifier (Heater Control Housing) 	○ (8.5 min. or more)
12 (05-1382)	Ambient temperature sensor circuit	<ul style="list-style-type: none"> Ambient temperature sensor, clock Harness or connector between clock and A/C amplifier (Heater Control Housing) A/C amplifier (Heater Control Housing) 	–
13 (05-1385)	Evaporator temperature sensor circuit	<ul style="list-style-type: none"> Evaporator temperature sensor Harness or connector between evaporator temperature sensor and A/C amplifier (Heater Control Housing) A/C amplifier (Heater Control Housing) 	○ (8.5 min. or more)
14 (05-1389)	Engine coolant temperature sensor circuit	<ul style="list-style-type: none"> ECM Harness or connector between ECM and A/C amplifier (Heater Control Housing) A/C amplifier (Heater Control Housing) 	–
21*2 (05-1391)	Solar sensor circuit (short)	<ul style="list-style-type: none"> Solar sensor Harness or connector between solar sensor and A/C amplifier (Heater Control Housing) A/C amplifier (Heater Control Housing) 	○ (8.5 min. or more)
21*2 (05-1391)	Solar sensor circuit (open)	<ul style="list-style-type: none"> Solar sensor Harness or connector between solar sensor and A/C amplifier (Heater Control Housing) A/C amplifier (Heater Control Housing) 	–
22*3 (05-1394)	Compressor lock sensor circuit	<ul style="list-style-type: none"> Compressor Drive Belt Compressor lock sensor Compressor Harness or connector between ECM and A/C amplifier (Heater Control Housing) assembly, compressor lock sensor A/C amplifier (Heater Control Housing) ECM 	–
23 (05-1399)	Pressure switch circuit	<ul style="list-style-type: none"> Pressure switch Harness or connector between pressure switch and A/C amplifier (Heater Control Housing) Refrigerant pipe line A/C amplifier (Heater Control Housing) 	–
31 (05-1402)	Air mix damper position sensor circuit	<ul style="list-style-type: none"> Air mix damper position sensor A/C amplifier (Heater Control Housing) Harness or connector between air mix damper position sensor and A/C amplifier (Heater Control Housing) 	○ (1 min. or more)
32 (05-1405)	Air inlet damper position sensor circuit	<ul style="list-style-type: none"> Air inlet damper position sensor (Recirculation damper servo sub-assy) A/C amplifier (Heater Control Housing) Harness or connector between air inlet damper position sensor and A/C amplifier (Heater Control Housing) 	○ (1 min. or more)
33 (05-1408)	Air outlet damper position sensor circuit	<ul style="list-style-type: none"> Air outlet damper position sensor (Mode damper servo sub-assy) A/C amplifier (Heater Control Housing) Harness or connector between air outlet damper position sensor (Mode damper servo sub-assy) and A/C amplifier (Heater Control Housing) 	○ (1 min. or more)

41 (05-1411)	Air mix control servomotor	<ul style="list-style-type: none"> • Air mix control servomotor • Harness or connector between air mix damper servomotor and A/C amplifier (Heater Control Housing) • A/C amplifier (Heater Control Housing) 	○ (15 sec.)
42 (05-1415)	Air inlet control servomotor	<ul style="list-style-type: none"> • Air inlet control servomotor (Recirculation damper servo sub-assy) • Harness or connector between air inlet damper servomotor and A/C amplifier (Heater Control Housing) • A/C amplifier (Heater Control Housing) 	○ (15 sec.)
43 (05-1419)	Air outlet control servomotor	<ul style="list-style-type: none"> • Air outlet control servomotor (Mode damper servo sub-assy) • Harness or connector between air outlet damper servomotor (Mode damper servo sub-assy) and A/C amplifier (Heater Control Housing) • A/C amplifier (Heater Control Housing) 	○ (15 sec.)

HINT:

- *1: If the room temp. is approx. -18.6°C (-3.7°F) or lower, trouble code 11 may be displayed even though the system is normal.
- *2: If the check is being performed in a dark place, DTC 21 (solar sensor circuit abnormal) may be displayed even though the system is normal.
- *3: Compressor lock (DTC 22) is indicated only for a current occurring malfunction
(See page 05-1394).

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 seconds.