050TJ–02

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 (05–699)	Room temperature sensor circuit	• Room temp. sensor • A/C amplifier (Heater Control Housing) • Harness or connector between room temp. sensor and A/C amplifier (Heater Control Housing)	○ (8.5 min. or more)
12 (05–702)	Ambient temperature sensor circuit	• Ambient temp. sensor, clock • Harness or connector between ambient temp. sensor and clock, between clock and A/C amplifier (Heater Control Housing) • A/C amplifier (Heater Control Housing)	–
13 (05–704)	Evaporator temperature sensor circuit	• Evaporator temp. sensor • Harness or connector between evaporator temp. sensor and A/C amplifier (Heater Control Housing) • A/C amplifier (Heater Control Housing)	○ (8.5 min. or more)
14 (05–707)	Water temperature sensor circuit	• Harness or connector between ECM and A/C amplifier (Heater Control Housing) • ECM • A/C amplifier (Heater Control Housing)	–
21*2 (05–709)	Solar sensor circuit (short)	• 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)
	Solar sensor circuit (open)		–
22*3 (05–712)	Compressor lock sensor circuit	• Compressor Drive Belt • Compressor lock sensor • Compressor • Harness or connector between ECM and A/C amplifier (Heater Control Housing), compressor lock sensor • A/C amplifier (Heater Control Housing) • ECM	–
23 (05–715)	Pressure switch circuit	• Pressure switch • A/C amplifier (Heater Control Housing) • Harness or connector between pressure switch and A/C amplifier (Heater Control Housing)	–
31 (05–718)	Air mix damper position sensor circuit	• Air mix damper position sensor (Air mix damper servo sub–assy) • A/C amplifier (Heater Control Housing) • Harness or connector between air mix damper position sensor and A/C amplifier (Heater Control Housing)	○ (8.5 min. or more)
33 (05–722)	Air outlet damper position sensor circuit	• 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 (05–726)	Air mix control servomotor	• Air mix control servomotor (Air mix damper servo sub–assy) • Harness or connector between air mix control servomotor and A/C amplifier (Heater Control Housing) • A/C amplifier (Heater Control Housing)	○ (15 sec.)
43 (05–730)	Air outlet control servomotor	• Air outlet control servomotor (Mode damper servo sub–assy) • Harness or connector between air outlet control 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 output even though the system is normal.
- *2: If the check is being performed in a dark place, DTC 21 (solar sensor circuit abnormal) could be displayed.
- *3: Compressor lock (DTC22) is indicated only for a current occurring malfunction (See page 05–712). 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 sec..