050TJ–09

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 (05–1041)	Room temperature sensor circuit	• Cooler thermistor (room temp. sensor) • Harness or connector between cooler thermistor (room temp. sensor) and A/C amplifier assy • A/C amplifier assy	○ (8.5 min. or more)
12 *2 (05–1044)	Ambient temperature sensor circuit (Sensor)	• Thermistor assy (ambient temp. sensor) • Harness or connector between thermistor assy (ambient temp. sensor) and multi information display panel or clock assy • Multi information display panel or clock assy • Harness or connector between multi information display panel or clock assy and A/C amplifier assy • A/C amplifier assy	–
	Ambient temperature sensor circuit (Signal)		○ (8.5 min. or more)
13 (05–1048)	Evaporator temperature sensor circuit	• Cooler thermistor No.1 (evaporator temp. sensor) • Harness or connector between cooler thermistor No.1 (evaporator temp. sensor) and A/C amplifier assy • A/C amplifier assy	○ (8.5 min. or more)
14 (05–1051)	Water temperature sensor circuit (Sensor) *5	• E. F. I. engine coolant temperature sensor • Harness or connector between E. F. I. engine coolant temperature sensor and A/C amplifier assy • A/C amplifier assy	○ (8.5 min. or more)
	Water temperature sensor circuit (Signal) *6	• E. F. I. engine coolant temperature sensor • Harness or connector between E. F. I. engine coolant temperature sensor and ECM • ECM • Harness or connector between ECM and A/C amplifier assy • A/C amplifier assy	–
17 (05–1055)	Rear evaporator temperature sensor circuit	• Cooler No.2 thermistor (rear evaporator temp. sensor) • Harness or connector between cooler No.2 thermistor (rear evaporator temp. sensor) and A/C amplifier assy • A/C amplifier assy	○ (8.5 min. or more)
21 *3 (05–1058)	Solar sensor circuit (short) (Passenger side)	• Automatic light control sensor (solar sensor) • Harness or connector between automatic light control sensor (solar sensor) and A/C amplifier assy • A/C amplifier assy	○ (8.5 min. or more)
	Solar sensor circuit (open)		–
22 *4 (05–1060)	Compressor lock sensor circuit	• Compressor drive belt • Compressor lock sensor • Compressor assy • Harness or connector between compressor lock sensor and A/C amplifier assy • A/C amplifier assy	–
23 (05–1062)	Pressure switch circuit	• A/C tube assy (pressure switch) • Harness or connector between A/C tube assy (pressure switch) and A/C amplifier assy • A/C amplifier assy	–

24 *3 (05–1065)	Solar sensor circuit (short) (Driver side)	• Automatic light control sensor (solar sensor) • Harness or connector between automatic light control sensor (solar sensor) and A/C amplifier assy • A/C amplifier assy	–
	Solar sensor circuit (open)	• Automatic light control sensor (solar sensor) • Harness or connector between automatic light control sensor (solar sensor) and A/C amplifier assy • A/C amplifier assy	–
31 (05–1067)	Air mix damper position sensor circuit (Passenger side)	• Air mix damper servo sub–assy (air mix damper position sensor) • Harness or connector between air mix damper servo sub–assy (air mix damper position sensor) and A/C amplifier assy • A/C amplifier assy	○ (1 min. or more)
32 (05–1070)	Air inlet damper position sensor circuit	• Blower damper servo sub–assy (blower damper position sensor) • Harness or connector between blower damper servo sub–assy (blower damper position sensor) and A/C amplifier assy • A/C amplifier assy	○ (1 min. or more)
33 (05–1073)	Air outlet damper position sensor circuit	• Mode damper servo sub–assy (mode damper position sensor) • Harness or connector between mode damper servo sub–assy (mode damper position sensor) and A/C amplifier assy • A/C amplifier assy	○ (1 min. or more)
36 (05–1076)	Air mix damper position sensor circuit (Driver side)	• Air mix damper servo sub–assy (Air mix damper position sensor) • Harness or connector between air mix damper servo sub–assy (air mix damper position sensor) and A/C amplifier assy • A/C amplifier assy	○ (1 min. or more)
41 (05–1079)	Air mix damper control servomotor (Passenger side)	• Air mix damper servo sub–assy (air mix damper control) • Harness or connector between air mix damper servo sub–assy (air mix damper control) and A/C amplifier assy • A/C amplifier assy	○ (15 sec.)
42 (05–1082)	Air inlet damper control servomotor	• Blower damper servo sub–assy (blower damper control) • Harness or connector between blower damper servo sub–assy (blower damper control) and A/C amplifier assy • A/C amplifier assy	○ (15 sec.)
43 (05–1085)	Air outlet damper control servomotor	• Mode damper servo sub–assy (mode damper control) • Harness or connector between mode damper servo sub–assy (mode damper control) and A/C amplifier assy • A/C amplifier assy	○ (15 sec.)
46 (05–1088)	Air mix damper control servomotor (Driver side)	• Air mix damper servo sub–assy (air mix damper control) • Harness or connector between air mix damper servo sub–assy (air mix damper control servomotor) and A/C amplifier • A/C amplifier assy	○ (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, 24 (solar sensor circuit abnormal) could be displayed.

*4: 1KD–FTV Engine Models

Compressor lock (DTC22) is indicated only for a current occurring malfunction (See page 05–1060).

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.

*5: 1KZ–TE Engine Models
*6: Except 1KZ–TE Engine Models