05JR8–01

DIAGNOSTIC TROUBLE CODE CHART

If a 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*4
00	Normal	–	–
B1411/11*1 (05–436)	Room temperature sensor circuit	• Cooler (room temperature sensor) thermistor • Harness or connector between cooler (room temperature sensor) thermistor and A/C amplifier assy • A/C amplifier assy	○ (8.5 min. or more)
B1412/12*2 (05–440)	Ambient temperature sensor circuit	• Cooler (ambient temperature sensor) thermistor • Harness or connector between cooler (ambient temperature sensor) thermistor and ECM • ECM • A/C amplifier assy	○ (8.5 min. or more)
B1413/13 (05–444)	Evaporator temperature sensor circuit	• Cooler thermistor No. 1 (Evaporator temperature sensor) • Harness or connector between cooler thermistor No. 1 and A/C amplifier assy • A/C amplifier assy	○ (8.5 min. or more)
B1421/21*3 (05–448)	Solar sensor circuit (Passenger side) (short)	• Cooler (solar sensor) thermistor • Harness or connector between cooler (solar sensor) thermistor and A/C amplifier assy • A/C amplifier assy	○ (8.5 min. or more)
B1421/21*3 (05–448)	Solar sensor circuit (Passenger side) (open)	• Cooler (solar sensor) thermistor • Harness or connector between A/C solar sensor and A/C amplifier assy • A/C amplifier assy	–
B1422/22*5 (05–452)	Compressor lock sensor circuit	• Cooler compressor assy (A/C magnetic clutch and lock sensor) • Cooler compressor assy drive belt • Cooler compressor assy lock sensor • Harness and connector between cooler compressor assy and ECM • Multiplex communication circuit • ECM • A/C amplifier assy	–
B1423/23 (05–455)	Pressure switch circuit	• Pressure switch • Harness or connector between pressure switch and ECM • Multiplex communication circuit • Refrigerant pipe line • ECM • A/C amplifier assy	–
B1431/31 (05–458)	Air mix damper position sensor circuit (Passenger side)	• Air mix damper position sensor • Harness or connector between air mix damper servo sub–assy and A/C amplifier assy • A/C amplifier assy	○ (1 min. or more)
B1433/33 (05–462)	Air outlet damper position sensor circuit	• Mode damper position sensor (Air outlet damper position sensor) • Harness or connector between mode damper servo sub–assy and A/C amplifier assy • A/C amplifier assy	○ (1 min. or more)
B1441/41 (05–466)	Air mix control servo motor circuit (Passenger side)	• Air mix damper servo sub–assy • Air mix damper position sensor • Harness or connector between air mix damper servo sub–assy and A/C amplifier assy • A/C amplifier assy	○ (15 sec.)

B1443/43 (05–470)	Air outlet damper control servomotor circuit	• Mode damper servo sub–assy • Harness or connector between mode damper servo sub–assy and A/C amplifier assy • A/C amplifier assy	○ (15 sec.)
B1499/99 (05–474)	Multiplex communication circuit	• Open in multiplex communication circuit	–

HINT:

- *1: If the room temperature is approx. –18.6°C (–1.48°F) or lower, DTC B1411/11 may be output even though the system is normal.
- *2: If the ambient temperature is approx. –52.9°C (–63.22°F) or lower, DTC B1412/12 may be output even though the system is normal.
- *3: If the check is being performed in a dark place, DTC B1421/21 (solar sensor circuit abnormal) could be displayed.
- *4: The A/C amplifier assy memorizes the DTC of the respective malfunction it has occurred for the period of the time indicated in the brackets.
- *5: Compressor lock (DTC B1422/22) is indicated only for a current malfunction. (see page 05–452)
  To confirm DTC B1422/22, perform the following steps.
  (1) With the engine ON, enter the DTC check mode.
  (2) Press the R/F 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 approximately 3 seconds.