

DIAGNOSTIC TROUBLE CODE CHART

If a malfunction code is displayed during the DTC 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
B1400	Normal	-	-
B1411 (DI-676)	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)
B1412 (DI-679)	Ambient temperature sensor circuit	<ul style="list-style-type: none"> Ambient Temp. sensor Harness or connector between ambient temp. sensor and engine (and ECT) ECU Harness or connector between engine (and ECT) ECU and A/C control assembly A/C control assembly 	○ (8.5 min. or more)
B1413 (DI-682)	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)
B1421*3 (DI-685)	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)
B1423 (DI-688)	Open in pressure sensor circuit Abnormal refrigerant pressure [below 196 kPa (2.0 kgf/cm ² , 28 psi) over 3,140 kPa (32.0 kgf/cm ² , 455 psi)]	<ul style="list-style-type: none"> Pressure switch Harness or connector between pressure switch and engine (and ECT) ECU. Harness or connector between engine (and ECT) ECU and A/C control assembly Refrigerant pipe line A/C control assembly Compressor 	-
B1431 (DI-691)	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)
B1433 (DI-694)	Air outlet damper position sensor circuit	<ul style="list-style-type: none"> Air outlet damper position sensor circuit A/C control assembly Harness or connector between air mix damper position sensor and A/C control assembly 	○ (1 min. or more)

HINT:

- *1 If the room temp. is approx. -20°C (-4°F) or lower, DTC B1411 may be output even though the system is normal.
- *2 If the ambient temperature is approx. -50°C (-58°F) or lower, a DTC may be output even though the system is normal.
- *3 If the check is being performed in a dark place, DTC B1421 (solar sensor circuit abnormal) could be displayed. In this case, perform DTC check again while shining a light, such as an inspection light, on the solar sensor. If DTC B1421/21 is still displayed, there could be trouble in the solar sensor circuit.