

DIAGNOSTIC TROUBLE CODE CHART

If a malfunction code is displayed during the DTCs check (sensor check), check the circuit listed for the code in the table below (proceed to the page given for that circuit).

AIR CONDITIONING SYSTEM

DTC No.	Detection Item	Trouble Area	Memory*4	See page
B1411/11*1	Room Temperature Sensor Circuit	1. Cooler thermistor No. 1 2. Harness or connector between cooler thermistor No. 1 and A/C amplifier 3. A/C amplifier	Memorized (8.5 min. or more)	AC-30
B1412/12*2	Ambient Temperature Sensor Circuit	1. Cooler thermistor (ambient temperature sensor) 2. Harness or connector between cooler thermistor (ambient temperature sensor) and ECM 3. ECM 4. Multiplex communication circuit 5. A/C amplifier	Memorized (8.5 min. or more)	AC-34
B1413/13	Evaporator Temperature Sensor Circuit	1. Cooler thermistor No. 1 2. Harness or connector between cooler thermistor No. 1 and A/C amplifier 3. A/C amplifier	Memorized (8.5 min. or more)	AC-39
B1421/21*3	Solar Sensor Circuit (Passenger Side)	1. Automatic light control sensor 2. Harness or connector between automatic light control sensor and A/C amplifier or body ECU 3. A/C amplifier	Memorized*6 (8.5 min. or more) *7	AC-43
B1422/22*5	Compressor Lock Sensor Circuit	1. Cooler compressor assembly 2. Cooler compressor assembly drive belt 3. Cooler compressor and magnetic clutch lock sensor 4. Harness and connector between ECM and cooler compressor assembly, cooler compressor assembly and body ground 5. Multiplex communication circuit 6. ECM 7. A/C amplifier	-	AC-48
B1423/23	Pressure Switch Circuit	1. Pressure switch 2. Harness or connector between pressure switch and ECM, Pressure switch and body ground 3. Multiplex communication circuit 4. Refrigerant pipe line 5. ECM 6. A/C amplifier	-	AC-51

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DTC No.	Detection Item	Trouble Area	Memory ^{*4}	See page
B1424/24 ^{*3}	Solar Sensor Circuit (Driver Side)	1. Automatic light control sensor 2. Harness or connector between automatic light control sensor and A/C Amplifier or body ECU 3. A/C amplifier	Memorized ^{*6} - ^{*7}	AC-55
B1431/31	Air Mix Damper Position Sensor Circuit (Passenger Side)	1. Damper position sensor 2. Harness or connector between damper servo sub-assembly and A/C amplifier 3. A/C amplifier	Memorized (1 min. or more)	AC-60
B1432/32	Air Inlet Damper Position Sensor Circuit	1. Damper position sensor 2. Harness or connector between damper servo sub-assembly and A/C amplifier 3. A/C amplifier	Memorized (1 min. or more)	AC-65
B1433/33	Air Outlet Damper Position Sensor Circuit	1. Damper position sensor 2. Harness or connector between damper servo sub-assembly and A/C amplifier 3. A/C amplifier	Memorized (1 min. or more)	AC-70
B1436/36	Air Mix Damper Position Sensor Circuit (Driver Side)	1. Damper position sensor 2. Harness or connector between damper servo sub-assembly and A/C amplifier 3. A/C amplifier	Memorized (1 min. or more)	AC-75
B1441/41	Air Mix Damper Control Servomotor Circuit (Passenger Side)	1. Damper servo sub-assembly 2. Damper position sensor 3. Harness or connector between damper servo sub-assembly and A/C amplifier 4. A/C amplifier	Memorized (15 sec.)	AC-80
B1442/42	Air Inlet Damper Control Servo Motor Circuit	1. Damper servo sub-assembly 2. Damper position sensor 3. Harness or connector between damper servo sub-assembly and A/C amplifier 4. A/C amplifier	Memorized (15 sec.)	AC-85
B1443/43	Air Outlet Damper Control Servo Motor Circuit	1. Damper servo sub-assembly 2. Damper position sensor 3. Harness or connector between damper servo sub-assembly and A/C amplifier 4. A/C amplifier	Memorized (15 sec.)	AC-90
B1446/46	Air Mix Damper Control Servomotor Circuit (Driver Side)	1. Damper servo sub-assembly 2. Damper position sensor 3. Harness or connector between damper servo sub-assembly and A/C amplifier 4. A/C amplifier	Memorized (15 sec.)	AC-95
B1499/99	Multiplex Communication Circuit	Open in multiplex communication circuit	-	AC-100

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HINT:

- *1: If the room temperature is approx. -18.6°C (-3.7°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 (-61.4°F) or lower, a malfunction code may be output even though the system is normal.
- *3: If the check is performed in a dark place, DTC B1421/21 or B1424/24 (solar sensor circuit abnormal) could be displayed.
- *4: The A/C amplifier memorizes the DTC of the respective malfunction that has occurred for a period of the time indicated in the brackets.
- *5: Compressor lock (DTC B1422/22) is indicated only for a current malfunction. 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 approx. 3 seconds.
- *6: Short in circuit
- *7: Open in circuit