

## DIAGNOSTIC TROUBLE CODE CHART

(2006/01- )

HINT:

When the air conditioning system functions properly, DTC B1400/00 is output.

### Air conditioning system

DTC No.	Detection Item	Trouble Area	Memory	See page
B1411/11	Room Temperature Sensor Circuit	- Room temperature sensor - Wire harness between room temperature sensor and air conditioning amplifier - Air conditioning amplifier	Memorized (8.5 min. or more)	<a href="#">AC-43</a>
B1412/12	Ambient Temperature Sensor Circuit	- Ambient temperature sensor - Wire harness between ambient temperature sensor and combination meter assembly - Combination meter assembly - Air conditioning amplifier - CAN communication line	Memorized (8.5 min. or more)	<a href="#">AC-46</a>
B1413/13	Evaporator Temperature Sensor Circuit	- No. 1 cooler thermistor (Evaporator temperature sensor) - Wire harness between No. 1 cooler thermistor (evaporator temperature sensor) and air conditioning amplifier - Air conditioning amplifier	Memorized (8.5 min. or more)	<a href="#">AC-50</a>
B1421/21	Solar Sensor Circuit (Passenger Side)	- Solar sensor - Wire harness between solar sensor and air conditioning amplifier - Air conditioning amplifier	Memorized (8.5 min. or more)	<a href="#">AC-53</a>
B1422/22*1	Compressor Lock Sensor Circuit	- Compressor and magnetic clutch - Compressor and magnetic clutch drive belt - Compressor lock sensor - Wire harness between compressor lock sensor and air conditioning amplifier - Air conditioning amplifier	-	<a href="#">AC-56</a>
B1423/23	Pressure Sensor Circuit	- Air conditioning pressure sensor - Wire harness between air conditioning pressure sensor and air conditioning amplifier - Air conditioning amplifier	-	<a href="#">AC-59</a>
B1424/24	Solar Sensor Circuit (Driver Side)	- Solar sensor - Wire harness between solar sensor and air conditioning amplifier - Air conditioning amplifier	Memorized (8.5 min. or more)	<a href="#">AC-64</a>
B1441/41	Air Mix Damper Control Servo Motor Circuit (Passenger Side)	- Air mix control servo motor - Air conditioning harness - Air conditioning amplifier	Memorized (30 sec.)	<a href="#">AC-67</a>

DTC No.	Detection Item	Trouble Area	Memory	See page
B1442/42	Air Inlet Damper Control Servo Motor Circuit	- Air inlet control servo motor - Air conditioning harness - Air conditioning amplifier	Memorized (30 sec.)	<a href="#">AC-69</a>
B1443/43	Air Outlet Damper Control Servo Motor Circuit	- Air outlet control servo motor - Air conditioning harness - Air conditioning amplifier	Memorized (30 sec.)	<a href="#">AC-71</a>
B1446/46	Air Mix Damper Control Servo Motor Circuit (Driver Side)	- Air mix control servo motor - Air conditioning harness - Air conditioning amplifier	Memorized (30 sec.)	<a href="#">AC-73</a>
B1451/51	Compressor Solenoid Circuit	- A/C Compressor*2 - Wire harness between air conditioning amplifier and A/C compressor*2 - Air conditioning amplifier	-	<a href="#">AC-79</a>
B1497/97	BUS IC Communication Malfunction	- Air conditioning harness - Air conditioning amplifier	-	<a href="#">AC-83</a>
B1499/99	Multiplex Communication Circuit	- Air conditioning amplifier - ECM - Combination meter assembly - CAN communication line	-	<a href="#">AC-86</a>

**HINT:**

\*1: DTC B1422/22 (Compressor Lock Sensor Circuit) is indicated only for a currently occurring malfunction for 2GR-FE.

To confirm DTC B1422/22, perform the following steps:

1. With the ignition switch ON, enter the DTC check mode.
2. Press the R/F (Recirculation/Fresh) 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.

\*2: Compressor and pulley for 2AZ-FE, compressor and magnetic clutch for 2GR-FE