

## 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
B1211/11 (DI-970)	Driver door ECU communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Driver door ECU</li> </ul>
B1212/12 (DI-973)	Front passenger door ECU communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Passenger door ECU</li> </ul>
B1213/13 (DI-975)	Tilt and telescopic ECU communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Tilt and telescopic ECU</li> </ul>
B1214/14 B1215/15 (DI-978)	Door system communication bus malfunction (+B short)	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• ECU (Door system bus)</li> </ul>
	Door system communication bus malfunction (GND short)	
B1216/16 (DI-985)	Rear right door ECU communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Rear right door ECU</li> </ul>
B1217/17 (DI-987)	Rear left door ECU communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Rear left door ECU</li> </ul>
B1218/18 (DI-989)	Body No.2 ECU communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Body No.2 ECU</li> </ul>
B1221/21 (DI-991)	Power window switch circuit on driver door	<ul style="list-style-type: none"> <li>• Power window master switch</li> <li>• Wireharness</li> </ul>
B1222/22 (DI-991)	Door lock switch circuit on driver door	<ul style="list-style-type: none"> <li>• Door lock control switch</li> <li>• Door key lock and unlock switch</li> <li>• Wireharness</li> </ul>
B1223/23 (DI-991)	Power window switch circuit on passenger door	<ul style="list-style-type: none"> <li>• Power window switch</li> <li>• Wireharness</li> </ul>
B1224/24 (DI-991)	Door lock switch circuit on passenger door	<ul style="list-style-type: none"> <li>• Door lock control switch</li> <li>• Door key lock and unlock switch</li> <li>• Wireharness</li> </ul>
B1225/25 (DI-991)	Power window switch circuit on rear right door	<ul style="list-style-type: none"> <li>• Power window switch</li> <li>• Wireharness</li> </ul>
B1226/26 (DI-991)	Power window switch circuit on rear left door	<ul style="list-style-type: none"> <li>• Power window switch</li> <li>• Wireharness</li> </ul>
B1231/31 (DI-993)	Jam protection limit switch circuit on driver door	<ul style="list-style-type: none"> <li>• Power window motor</li> <li>• Wireharness</li> </ul>
B1232/32 (DI-994)	Jam protection pulse switch circuit on driver door	
B1233/33 (DI-993)	Jam protection limit switch circuit on passenger door	<ul style="list-style-type: none"> <li>• Power window motor</li> <li>• Wireharness</li> </ul>
B1234/34 (DI-994)	Jam protection pulse switch circuit on passenger door	
B1235/35 (DI-993)	Jam protection limit switch circuit on rear right door	<ul style="list-style-type: none"> <li>• Power window motor</li> <li>• Wireharness</li> </ul>
B1236/36 (DI-994)	Jam protection pulse switch circuit on rear right door	
B1237/37 (DI-993)	Jam protection limit switch circuit on rear left door	<ul style="list-style-type: none"> <li>• Power window motor</li> <li>• Wireharness</li> </ul>
B1238/38 (DI-994)	Jam protection pulse switch circuit on rear left door	

B1241/41 (DI-991)	Body No.1 ECU switch circuit diagnosis	<ul style="list-style-type: none"> <li>• Luggage compartment door opener switch</li> <li>• Luggage compartment door key lock and unlock switch</li> <li>• Wireharness</li> </ul>
B1242/42 (DI-995)	Wireless door lock tuner circuit malfunction	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Wireless door lock tuner</li> </ul>
B1243/43 (DI-997)	GSW terminal circuit malfunction	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Body No.1 ECU</li> </ul>
B1244/44 (DI-1000)	Light sensor circuit malfunction	<ul style="list-style-type: none"> <li>• Light sensor</li> <li>• Wireharness</li> </ul>
B1252/52 (DI-991)	Body No.2 ECU switch circuit diagnosis	<ul style="list-style-type: none"> <li>• Stop light switch</li> <li>• Wireharness</li> </ul>
B1253/53 B1254/54 (DI-997)	Body No.2 ECU GSW terminal malfunction (Lo unusual)	<ul style="list-style-type: none"> <li>• Wireharness</li> </ul>
	Body No.2 ECU GSW terminal malfunction (Hi unusual)	<ul style="list-style-type: none"> <li>• Airbag sensor assembly</li> <li>• Body No.2 ECU</li> </ul>
B1255/55 (DI-1002)	Body No.2 ECU P1 switch malfunction	<ul style="list-style-type: none"> <li>• P1 switch</li> <li>• Wireharness</li> </ul>
B1261/61 (DI-1004)	ECM communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• ECM</li> </ul>
B1262/62 (DI-1006)	A/C ECU communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• A/C ECU</li> </ul>
B1266/66 B1267/67 (DI-1008)	Instrument panel system communication bus malfunction (+B short)	<ul style="list-style-type: none"> <li>• Wireharness</li> </ul>
	Instrument panel system communication bus malfunction (GND short)	<ul style="list-style-type: none"> <li>• ECU (Instrument panel system bus)</li> </ul>
B1271/71 (DI-1016)	Combination meter ECU communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Combination meter ECU</li> </ul>
B1272/72 (DI-1018)	Power seat ECU communication stop (w/ Seat memory vehicle only)	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Power seat ECU</li> </ul>
B1273/73 (DI-1020)	Sliding roof ECU communication stop (w/ Sliding roof vehicle only)	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Sliding roof ECU</li> </ul>
B1275/75	Accessory bus buffer communication stop	<ul style="list-style-type: none"> <li>• Wireharness</li> <li>• Accessory</li> </ul>

**HINT:**

- DTC 66, 67 and 71 are not output through open door warning light on meter because of system itself.
- DTC 21~26, 41 and 52 don't mean switch abnormal but notify how switch works.  
If DTC is not output when operating switch, it means failure of switch contact.  
If DTC is output when not opening switch, it means stick of switch.
- When some of the DTC 14, 15, 66, 67 is output, the DTC of other ECU communication stop is also output. In this case, please repair DTC 14, 15, 66, 67 first. The following shows DTCs which are output when +B or GND short occurs on communication bus.

	Door system communication bus	Instrument panel system communication bus
GND short	After 10 seconds from detecting fail, Instrument panel system communication bus is able to communicate by bus cut function.	After 10 seconds from detecting fail, Door system communication bus is able to communicate by bus cut function.
Communication possible ECU after bus is cut	Body No.1 ECU, Body No.2 ECU, A/C ECU, Multi display, Tilt and telescopic ECU, Combination Meter ECU, ECM	Driver door ECU, Passenger door ECU, Rear right door ECU, Rear left door ECU, Power seat ECU, Sliding roof ECU, Accessory bus buffer.
DTC(B12XX) ( ): Option	11, 12, <u>15</u> , 16, 17, (72), (73), (75)	11, 12, 13, 16, 17, 18, 61, 62, <u>67</u> , 71, (72), (73), (75) *
+B short	(Same as GND short)	(Same as GND short)
Communication possible ECU after bus is cut	(Same as GND short)	(Same as GND short)
DTC(B12XX) ( ): Option	11, 12, <u>14</u> , 16, 17, (72), (73), (75)	11, 12, 13, 16, 17, 18, 61, 62, <u>66</u> , 71, (72), (73), (75) *

\*: Body No.1 ECU and Door system communication bus are cut off by bus cut relay, so it detects communication stop of ECU connected to Door system communication bus.