

## List of Diagnostic Trouble Code (DTC)

AIRBAG SYSTEM (TYPE B) (DIAGNOSTICS)

### 12. List of Diagnostic Trouble Code (DTC)

#### A: LIST

DTC	Display	Content of diagnosis	Reference target
11	Driver's Airbag failure	<ul style="list-style-type: none"> <li>• Airbag main harness circuit is open, shorted or shorted to ground.</li> <li>• Airbag module harness (Driver's side) circuit is open, shorted or shorted to ground.</li> <li>• Roll connector circuit is open, shorted or shorted to ground.</li> <li>• Airbag control module is faulty.</li> <li>• Driver's airbag module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-46, DTC 11 DRIVER'S AIRBAG FAILURE, Diagnostic Chart with Trouble Code.>
12	Passenger's Airbag failure	<ul style="list-style-type: none"> <li>• Airbag main harness circuit is open, shorted or shorted to ground.</li> <li>• Airbag module harness (Passenger's side) circuit is open, shorted or shorted to ground.</li> <li>• Airbag control module is faulty.</li> <li>• Passenger's airbag module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-49, DTC 12 PASSENGER'S AIRBAG FAILURE, Diagnostic Chart with Trouble Code.>
15	Driver's Airbag failure	<ul style="list-style-type: none"> <li>• Airbag main harness circuit (Driver's side) is shorted to power supply.</li> <li>• Airbag module harness circuit (Driver's side) is shorted to power supply.</li> <li>• Roll connector is shorted to power supply.</li> <li>• Airbag control module is faulty.</li> <li>• Driver's airbag module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-52, DTC 15 DRIVER'S AIRBAG FAILURE, Diagnostic Chart with Trouble Code.>
16	Passenger's Airbag failure	<ul style="list-style-type: none"> <li>• Airbag main harness circuit (Passenger's side) is shorted to power supply.</li> <li>• Airbag module harness circuit (Passenger's side) is shorted to power supply.</li> <li>• Airbag control module is faulty.</li> <li>• Passenger's airbag module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-55, DTC 16 PASSENGER'S AIRBAG FAILURE, Diagnostic Chart with Trouble Code.>
21	Airbag ECM failure	Airbag control module is faulty.	<Ref. to AB(TYPE B)(diag)-57, DTC 21 AIRBAG ECM FAILURE, Diagnostic Chart with Trouble Code.>
22	Front Airbag Firing output	Front airbag module and seat belt pretensioner (LH/RH) are inflated.	<Ref. to AB(TYPE B)(diag)-58, DTC 22 FRONT AIRBAG FIRING OUTPUT, Diagnostic Chart with Trouble Code.>
23	Connector to Airbag ECM failure	Improper connection of (AB3), (AB7) and (AB8) to the airbag control module	<Ref. to AB(TYPE B)(diag)-59, DTC 23 CONNECTOR TO AIRBAG ECM, Diagnostic Chart with Trouble Code.>
24	IG1 open	<ul style="list-style-type: none"> <li>• Airbag control module is faulty.</li> <li>• Airbag main harness circuit is open.</li> <li>• Fuse No. 11 (in joint box) is blown.</li> <li>• Airbag rear harness circuit is open.</li> </ul>	<Ref. to AB(TYPE B)(diag)-60, DTC 24 IG1 OPEN, Diagnostic Chart with Trouble Code.>
25	IG2 open	<ul style="list-style-type: none"> <li>• Airbag control module is faulty.</li> <li>• Airbag main harness circuit is open.</li> <li>• Fuse No. 6 (in joint box) is blown.</li> <li>• Airbag rear harness circuit is open.</li> </ul>	<Ref. to AB(TYPE B)(diag)-62, DTC 25 IG2 OPEN, Diagnostic Chart with Trouble Code.>
26	Passenger's Airbag indicator failure	<ul style="list-style-type: none"> <li>• Passenger's airbag indicator is faulty.</li> <li>• Airbag control module is faulty.</li> <li>• Airbag main harness circuit is open, shorted or shorted to ground.</li> <li>• Body harness circuit is open.</li> </ul>	<Ref. to AB(TYPE B)(diag)-64, DTC 26 PASSENGER'S AIRBAG INDICATOR FAILURE, Diagnostic Chart with Trouble Code.>
27	ODS Communication error	<ul style="list-style-type: none"> <li>• Occupant detection control module communication is faulty.</li> <li>• Airbag rear harness circuit is open, shorted, shorted to ground or shorted to power supply.</li> <li>• Occupant detection harness is faulty.</li> <li>• Airbag control module is faulty.</li> <li>• Occupant detection system is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-66, DTC 27 ODS COMMUNICATION ERROR, Diagnostic Chart with Trouble Code.>

## List of Diagnostic Trouble Code (DTC)

AIRBAG SYSTEM (TYPE B) (DIAGNOSTICS)

DTC	Display	Content of diagnosis	Reference target
29	ODS Failure	<ul style="list-style-type: none"> <li>• Occupant detection sensor is faulty.</li> <li>• Occupant detection control module is faulty.</li> <li>• Occupant detection harness is faulty.</li> <li>• Fuse No. 6 (in joint box) is blown.</li> </ul>	Refer to "Occupant Detection System" for DTC 29. <Ref. to OD(TYPE B)(diag)-29, DTC 29 ODS FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
2A	ODS Calibration error	System calibration (Rezeroing) of the occupant detection system was not ended normally.	Refer to "Occupant Detection System" for DTC 2A. <Ref. to OD(TYPE B)(diag)-26, DTC 2A ODS CALIBRATION ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
2B	ODS Erroneous Parts	<ul style="list-style-type: none"> <li>• Wrong airbag control module was installed.</li> <li>• Wrong occupant detection system was installed.</li> <li>• Occupant detection system is faulty.</li> </ul>	Refer to "Occupant Detection System" for DTC 2B. <Ref. to OD(TYPE B)(diag)-26, DTC 2B ODS SYSTEM WRONG PARTS, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
2C	Belt Tension Sensor failure	<ul style="list-style-type: none"> <li>• Passenger's seat belt tension sensor is faulty.</li> <li>• Occupant detection system is faulty.</li> <li>• Airbag rear harness circuit is open, shorted, shorted to ground or shorted to power supply.</li> <li>• Occupant detection harness is faulty.</li> </ul>	Refer to "Occupant Detection System" for DTC 2C. <Ref. to OD(TYPE B)(diag)-27, DTC 2C BELT TENSION SENSOR FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
31	Front Sub Sensor RH failure	<ul style="list-style-type: none"> <li>• Front sub sensor harness (RH) circuit is shorted.</li> <li>• Front sub sensor harness (RH) circuit is open.</li> <li>• Front sub sensor (RH) is faulty.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-68, DTC 31 FRONT SUB SENSOR RH FAILURE, Diagnostic Chart with Trouble Code.>
32	Front Sub Sensor LH failure	<ul style="list-style-type: none"> <li>• Front sub sensor harness (LH) circuit is shorted.</li> <li>• Front sub sensor harness (LH) circuit is open.</li> <li>• Front sub sensor (LH) is faulty.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-70, DTC 32 FRONT SUB SENSOR LH FAILURE, Diagnostic Chart with Trouble Code.>
33	Front Sub Sensor RH failure	Front sub sensor (RH) is faulty.	<Ref. to AB(TYPE B)(diag)-72, DTC 33 FRONT SUB SENSOR RH FAILURE, Diagnostic Chart with Trouble Code.>
34	Front Sub Sensor LH failure	Front sub sensor (RH) is faulty.	<Ref. to AB(TYPE B)(diag)-72, DTC 34 FRONT SUB SENSOR LH FAILURE, Diagnostic Chart with Trouble Code.>
36	Seat Position Sensor LH failure	<ul style="list-style-type: none"> <li>• Driver's seat position sensor is faulty.</li> <li>• Airbag control module is faulty.</li> <li>• Airbag rear harness circuit is open, shorted or shorted to ground.</li> </ul>	<Ref. to AB(TYPE B)(diag)-73, DTC 36 SEAT POSITION SENSOR LH FAILURE, Diagnostic Chart with Trouble Code.>
37	Buckle Switch RH failure	<ul style="list-style-type: none"> <li>• Passenger's buckle switch circuit is open, shorted or shorted to ground.</li> <li>• Airbag rear harness circuit is open, shorted or shorted to ground.</li> <li>• Airbag control module is faulty.</li> <li>• Occupant detection control module is faulty.</li> </ul>	Refer to "Occupant Detection System" for DTC 37. <Ref. to OD(TYPE B)(diag)-30, DTC 37 BUCKLE SWITCH RH FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
38	Buckle Switch LH failure	<ul style="list-style-type: none"> <li>• Driver's buckle switch circuit is open, shorted or shorted to ground.</li> <li>• Airbag rear harness circuit is open, shorted or shorted to ground.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-75, DTC 38 BUCKLE SWITCH LH FAILURE, Diagnostic Chart with Trouble Code.>
41	Side Airbag RH failure	<ul style="list-style-type: none"> <li>• Side airbag harness (RH) circuit is faulty.</li> <li>• Side airbag module (RH) is faulty.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-77, DTC 41 SIDE AIRBAG RH FAILURE, Diagnostic Chart with Trouble Code.>
42	Side Airbag LH failure	<ul style="list-style-type: none"> <li>• Side airbag harness (LH) circuit is faulty.</li> <li>• Side airbag module (LH) is faulty.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-79, DTC 42 SIDE AIRBAG LH FAILURE, Diagnostic Chart with Trouble Code.>
45	Side Airbag RH failure	<ul style="list-style-type: none"> <li>• Side airbag harness (RH) is shorted to power supply.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-81, DTC 45 SIDE AIRBAG RH FAILURE, Diagnostic Chart with Trouble Code.>

## List of Diagnostic Trouble Code (DTC)

### AIRBAG SYSTEM (TYPE B) (DIAGNOSTICS)

DTC	Display	Content of diagnosis	Reference target
46	Side Airbag LH failure	<ul style="list-style-type: none"> <li>• Side airbag harness (LH) is shorted to power supply.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-83, DTC 46 SIDE AIRBAG LH FAILURE, Diagnostic Chart with Trouble Code.>
51	Side Airbag Sensor RH failure	<ul style="list-style-type: none"> <li>• Side airbag sensor (RH) is faulty.</li> <li>• Side airbag harness (RH) circuit is faulty.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-85, DTC 51 SIDE AIRBAG SENSOR RH FAILURE, Diagnostic Chart with Trouble Code.>
52	Side Airbag Sensor LH failure	<ul style="list-style-type: none"> <li>• Side airbag sensor (LH) is faulty.</li> <li>• Side airbag harness (LH) circuit is faulty.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-88, DTC 52 SIDE AIRBAG SENSOR LH FAILURE, Diagnostic Chart with Trouble Code.>
53	Side Airbag Sensor RH failure	Side airbag sensor (RH) is faulty.	<Ref. to AB(TYPE B)(diag)-90, DTC 53 SIDE AIRBAG SENSOR RH FAILURE, Diagnostic Chart with Trouble Code.>
54	Side Airbag Sensor LH failure	Side airbag sensor (LH) is faulty.	<Ref. to AB(TYPE B)(diag)-90, DTC 54 SIDE AIRBAG SENSOR LH FAILURE, Diagnostic Chart with Trouble Code.>
55	Side Curtain Airbag Firing output	Side airbag module is deployed.	<Ref. to AB(TYPE B)(diag)-90, DTC 55 SIDE CURTAIN AIRBAG FIRING OUTPUT, Diagnostic Chart with Trouble Code.>
61	Belt Pretensioner RH failure	<ul style="list-style-type: none"> <li>• Seat belt pretensioner (RH) circuit is open, shorted or shorted to ground.</li> <li>• Airbag control module is faulty.</li> <li>• Pretensioner is faulty.</li> <li>• Pretensioner harness is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-91, DTC 61 BELT PRETENSIONER RH FAILURE, Diagnostic Chart with Trouble Code.>
62	Belt Pretensioner LH failure	<ul style="list-style-type: none"> <li>• Seat belt pretensioner (LH) circuit is open, shorted or shorted to ground.</li> <li>• Airbag control module is faulty.</li> <li>• Pretensioner is faulty.</li> <li>• Pretensioner harness is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-93, DTC 62 BELT PRETENSIONER LH FAILURE, Diagnostic Chart with Trouble Code.>
65	Belt Pretensioner RH failure	<ul style="list-style-type: none"> <li>• Seat belt pretensioner (RH) circuit is shorted to power supply.</li> <li>• Pretensioner is faulty.</li> <li>• Pretensioner harness is faulty.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-95, DTC 65 BELT PRETENSIONER RH FAILURE, Diagnostic Chart with Trouble Code.>
66	Belt Pretensioner LH failure	<ul style="list-style-type: none"> <li>• Seat belt pretensioner (LH) circuit is shorted to power supply.</li> <li>• Pretensioner is faulty.</li> <li>• Pretensioner harness is faulty.</li> <li>• Airbag control module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-97, DTC 66 BELT PRETENSIONER LH FAILURE, Diagnostic Chart with Trouble Code.>
71	Driver's Airbag failure	<ul style="list-style-type: none"> <li>• Airbag main harness circuit is open, shorted or shorted to ground.</li> <li>• Airbag module harness (Driver's side) circuit is open, shorted or shorted to ground.</li> <li>• Roll connector circuit is open, shorted or shorted to ground.</li> <li>• Airbag control module is faulty.</li> <li>• Driver's airbag module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-99, DTC 71 DRIVER'S AIRBAG FAILURE, Diagnostic Chart with Trouble Code.>
72	Passenger's Airbag failure	<ul style="list-style-type: none"> <li>• Airbag main harness circuit is open, shorted or shorted to ground.</li> <li>• Airbag module harness (Passenger's side) circuit is open, shorted or shorted to ground.</li> <li>• Airbag control module is faulty.</li> <li>• Passenger's airbag module is faulty.</li> </ul>	<Ref. to AB(TYPE B)(diag)-102, DTC 72 PASSENGER'S AIRBAG FAILURE, Diagnostic Chart with Trouble Code.>

## List of Diagnostic Trouble Code (DTC)

### AIRBAG SYSTEM (TYPE B) (DIAGNOSTICS)

DTC	Display	Content of diagnosis	Reference target
75	Driver's Airbag failure	<ul style="list-style-type: none"><li>• Airbag main harness circuit (Driver's side) is shorted to power supply.</li><li>• Airbag module harness circuit (Driver's side) is shorted to power supply.</li><li>• Roll connector is shorted to power supply.</li><li>• Airbag control module is faulty.</li><li>• Driver's airbag module is faulty.</li></ul>	<Ref. to AB(TYPE B)(diag)-104, DTC 75 DRIVER'S AIRBAG FAILURE, Diagnostic Chart with Trouble Code.>
76	Passenger's Airbag failure	<ul style="list-style-type: none"><li>• Airbag main harness circuit (Passenger's side) is shorted to power supply.</li><li>• Airbag module harness circuit (Passenger's side) is shorted to power supply.</li><li>• Airbag control module is faulty.</li><li>• Passenger's airbag module is faulty.</li></ul>	<Ref. to AB(TYPE B)(diag)-107, DTC 76 PASSENGER'S AIRBAG FAILURE, Diagnostic Chart with Trouble Code.>