

DATA LIST / ACTIVE TEST

HINT:

By accessing the DATA LIST displayed on the intelligent tester, values of switches and sensors can be read without removing any parts. Reading the DATA LIST is the first step of troubleshooting and is one method shortening diagnostic time.

1. DATA LIST FOR CENTER AIRBAG SENSOR ASSEMBLY

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch on and turn the tester on.
- (c) Following the display on the tester screen, select the DATA LIST.
- (d) Check the condition by referring to the table below.

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
D SEAT POSITION	Seat position (Driver side)/ FORWARD: Seat position forward BKWARD: Seat position backward FAIL: Failure detected	FORWARD/BKWARD	-
PASSENGER CLASS	Front passenger classification/ NG: Data is not determined OFF: Vacant CHILD: Child (Less than 36 kg [79.37 lb]) seated AF05: Adult (36 to 54 kg [79.37 to 119.05 lb]) seated AM50: Adult (More than 54 kg [119.05 lb]) seated FAIL: Failure detected	NG/OFF/CHILD/AF05/AM50/ FAIL	-
D BUCKLE SW	Buckle switch (Driver side)/ UNSET: Seat belt not fastened SET: Seat belt fastened NG: Data not determined	UNSET/SET	-
P BUCKLE SW	Buckle switch (Front passenger side)/ UNSET: Seat belt not fastened SET: Seat belt fastened NG: Data not determined	UNSET/SET	-
DISPLAY TYPE	Display type identification information/ LR: Display indicated by LH/RH DP: Display indicated by Driver/ Passenger	DP	-
PAST CODES	Number of past DTCs/ Min.: 0, Max.: 255	0	-

DIAGNOSTIC TROUBLE CODE CHART

If a DTC is displayed during the DTC check, check the circuit listed for the DTC in the table below (refer to the appropriate page).

HINT:

- When the SRS warning light remains on and the normal system code is output, a decrease in the source voltage is likely to occur. This malfunction is not stored in the memory of the center airbag sensor assembly. If the power source voltage returns to normal, the SRS warning light will automatically go off.
- When 2 or more DTCs are indicated, the DTC with the lowest number appears first.
- If a DTC is not listed on the DTC chart, the center airbag sensor may have malfunctioned.
- In the case of any malfunctions concerning open circuits, shorts to ground, or shorts to B+ due to squibs, other DTCs may not be set. In this case, repair the malfunction currently indicated and then perform malfunction diagnosis again.
- Mark in the check mode column:
 -: DTC does not correspond to check mode.
 O: DTC corresponds to check mode.
- When DTC B1650/32 is set as a result of troubleshooting the Supplemental Restraint System (SRS), perform troubleshooting for the occupant classification system.

RS

DTC No.	Detection Item	Trouble Area	Check Mode	See page
B1000/31	Center Airbag Sensor Assembly Malfunction	1. Center airbag sensor assembly	-	RS-48
B1603/83	Front Satellite Sensor Bus RH Initialization Incomplete	1. Instrument panel wire 2. Engine room main wire 3. Front airbag sensor RH 4. Center airbag sensor assembly	-	RS-49
B1608/84	Front Satellite Sensor Bus LH Initialization Incomplete	1. Instrument panel wire 2. Engine room main wire 3. Front airbag sensor LH 4. Center airbag sensor assembly	-	RS-56
B1610/13	Front Airbag Sensor RH Malfunction	1. Front airbag sensor RH 2. Center airbag sensor assembly	-	RS-63
B1612/83	Lost Communication with Front Airbag Sensor RH	1. Instrument panel wire 2. Engine room main wire 3. Front airbag sensor RH 4. Center airbag sensor assembly	-	RS-49

DTC No.	Detection Item	Trouble Area	Check Mode	See page
B1613/83	Front Airbag Sensor RH Initialization Incomplete	1. Instrument panel wire 2. Engine room main wire 3. Front airbag sensor RH 4. Center airbag sensor assembly	-	RS-49
B1615/14	Front Airbag Sensor LH Malfunction	1. Front airbag sensor LH 2. Center airbag sensor assembly	-	RS-67
B1617/84	Lost Communication with Front Airbag Sensor LH	1. Instrument panel wire 2. Engine room main wire 3. Front air bag sensor LH 4. Center airbag sensor assembly	-	RS-56
B1618/84	Front Airbag Sensor LH Initialization Incomplete	1. Instrument panel wire 2. Engine room main wire 3. Front airbag sensor LH 4. Center airbag sensor assembly	-	RS-56
B1620/21	Driver Side - Side Airbag Sensor Malfunction	1. Side airbag sensor LH 2. Center airbag sensor assembly	-	RS-70
B1622/81	Lost Communication with Driver Side - Side Airbag Sensor Assembly	1. Floor wire No.2 2. Side airbag sensor LH 3. Center airbag sensor assembly	-	RS-70
B1623/81	Driver Side - Side Airbag Sensor Assembly Initialization Incomplete	1. Floor wire No.2 2. Side airbag sensor LH 3. Rear airbag sensor LH 4. Center airbag sensor assembly	-	RS-72
B1625/22	Front Passenger Side - Side Airbag Sensor Malfunction	1. Side airbag sensor RH 2. Center airbag sensor assembly	-	RS-80
B1627/82	Lost Communication with Front Passenger Side - Side Airbag Sensor Assembly	1. Floor wire 2. Side airbag sensor RH 3. Center airbag sensor assembly	-	RS-80
B1628/82	Front Passenger Side - Side Airbag Sensor Assembly Initialization Incomplete	1. Floor wire 2. Side airbag sensor RH 3. Rear airbag sensor RH 4. Center airbag sensor assembly	-	RS-82
B1630/23	Driver Side Rear Airbag Sensor Malfunction	1. Rear airbag sensor LH 2. Center airbag sensor assembly	-	RS-90
B1632/81	Lost Communication with Driver Side Rear Airbag Sensor	1. Floor wire No.2 2. Side airbag sensor LH 3. Rear airbag sensor LH 4. Center airbag sensor assembly	-	RS-92
B1633/81	Driver Side Rear Airbag Sensor Initialization Incomplete	1. Floor wire No.2 2. Side airbag sensor LH 3. Rear airbag sensor LH 4. Center airbag sensor assembly	-	RS-92

DTC No.	Detection Item	Trouble Area	Check Mode	See page
B1635/24	Front Passenger Side Rear Airbag Sensor Malfunction	<ol style="list-style-type: none"> 1. Rear airbag sensor RH 2. Center airbag sensor assembly 	-	RS-97
B1637/82	Lost Communication with Passenger Side Rear Airbag Sensor	<ol style="list-style-type: none"> 1. Floor wire 2. Side airbag sensor RH 3. Rear airbag sensor RH 4. Center airbag sensor assembly 	-	RS-99
B1638/82	Passenger Side Rear Airbag Sensor Initialization Incomplete	<ol style="list-style-type: none"> 1. Floor wire 2. Side airbag sensor RH 3. Rear airbag sensor RH 4. Center airbag sensor assembly 	-	RS-99
B1642/81	Lost Communication with Driver Side Satellite Sensor Bus	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Side airbag sensor LH 3. Rear airbag sensor LH 4. Center airbag sensor assembly 	-	RS-104
B1643/81	Driver Side Satellite Sensor Bus Initialization Incomplete	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Side airbag sensor LH 3. Rear airbag sensor LH 4. Center airbag sensor assembly 	-	RS-111
B1647/82	Lost Communication with Front Passenger Side Satellite Sensor Bus	<ol style="list-style-type: none"> 1. Floor wire 2. Side airbag sensor RH 3. Rear airbag sensor RH 4. Center airbag sensor assembly 	-	RS-119
B1648/82	Front Passenger Side Satellite Sensor Bus Initialization Incomplete	<ol style="list-style-type: none"> 1. Floor wire 2. Side airbag sensor RH 3. Rear airbag sensor RH 4. Center airbag sensor assembly 	-	RS-125
B1650/32	Occupant Classification System Malfunction	<ol style="list-style-type: none"> 1. No.1 seat wire 2. Floor wire 3. Occupant classification system 4. Center airbag sensor assembly 	-	RS-133
B1653/35	Seat Position Airbag Sensor Circuit Malfunction	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Front seat inner belt assembly LH 3. Seat position sensor 4. Center airbag sensor assembly 	-	RS-140
B1655/37	Driver Side Seat Belt Buckle Switch Circuit Malfunction	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Front seat inner belt assembly LH 3. Center airbag sensor assembly 	-	RS-147
B1660/43	Passenger Airbag ON / OFF Indicator Circuit Malfunction	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Integration control and panel assembly (Passenger airbag ON/OFF indicator) 3. Center airbag sensor assembly 	-	RS-152

RS

DTC No.	Detection Item	Trouble Area	Check Mode	See page
B1662/45	Indicator Light Circuit Malfunction	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Combination meter 3. Center airbag sensor assembly 	-	RS-162
B1800/51	Short in Driver Side Squib Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib) 4. Center airbag sensor assembly 	○	RS-167
B1801/51	Open in Driver Side Squib Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib) 4. Center airbag sensor assembly 	○	RS-167
B1802/51	Short to GND in Driver Side Squib Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib) 4. Center airbag sensor assembly 	○	RS-167
B1803/51	Short to B+ in Driver Side Squib Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib) 4. Center airbag sensor assembly 	○	RS-167
B1805/52	Short in Front Passenger Side Squib Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib) 4. Center airbag sensor assembly 	○	RS-174
B1806/52	Open in Front Passenger Side Squib Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib) 4. Center airbag sensor assembly 	○	RS-174
B1807/52	Short to GND in Front Passenger Side Squib Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib) 4. Center airbag sensor assembly 	○	RS-174
B1808/52	Short to B+ in Front Passenger Side Squib Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib) 4. Center airbag sensor assembly 	○	RS-174

DTC No.	Detection Item	Trouble Area	Check Mode	See page
B1810/53	Short in Driver Side Squib 2nd Step Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib 2nd step) 4. Center airbag sensor assembly 	○	RS-181
B1811/53	Open in Driver Side Squib 2nd Step Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib 2nd step) 4. Center airbag sensor assembly 	○	RS-181
B1812/53	Short to GND in Driver Side Squib 2nd Step Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib 2nd step) 4. Center airbag sensor assembly 	○	RS-181
B1813/53	Short to B+ in Driver Side Squib 2nd Step Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib 2nd step) 4. Center airbag sensor assembly 	○	RS-181
B1815/54	Short in Front Passenger Side Squib 2nd Step Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib 2nd step) 4. Center airbag sensor assembly 	○	RS-188
B1816/54	Open in Front Passenger Side Squib 2nd Step Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib 2nd step) 4. Center airbag sensor assembly 	○	RS-188
B1817/54	Short to GND in Front Passenger Side Squib 2nd Step Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib 2nd step) 4. Center airbag sensor assembly 	○	RS-188
B1818/54	Short to B+ in Front Passenger Side Squib 2nd Step Circuit	<ol style="list-style-type: none"> 1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib 2nd step) 4. Center airbag sensor assembly 	○	RS-188
B1820/55	Short in Driver Side - Side Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Front seat side airbag assembly LH (Driver side-side squib) 3. Center airbag sensor assembly 	○	RS-195

RS

DTC No.	Detection Item	Trouble Area	Check Mode	See page
B1821/55	Open in Driver Side - Side Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Front seat side airbag assembly LH (Driver side-side squib) 3. Center airbag sensor assembly 	○	RS-195
B1822/55	Short to GND in Driver Side - Side Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Front seat side airbag assembly LH (Driver side-side squib) 3. Center airbag sensor assembly 	○	RS-195
B1823/55	Short to B+ in Driver Side - Side Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Front seat side airbag assembly LH (Driver side-side squib) 3. Center airbag sensor assembly 	○	RS-195
B1825/56	Short in Front Passenger Side - Side Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire 2. Front seat side airbag assembly RH (Front passenger side-side squib) 3. Center airbag sensor assembly 	○	RS-200
B1826/56	Open in Front Passenger Side - Side Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire 2. Front seat side airbag assembly RH (Front passenger side-side squib) 3. Center airbag sensor assembly 	○	RS-200
B1827/56	Short to GND in Front Passenger Side - Side Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire 2. Front seat side airbag assembly RH (Front passenger side-side squib) 3. Center airbag sensor assembly 	○	RS-200
B1828/56	Short to B+ in Front Passenger Side - Side Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire 2. Front seat side airbag assembly RH (Front passenger side-side squib) 3. Center airbag sensor assembly 	○	RS-200
B1830/57	Short in Driver Side Curtain Shield Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Curtain shield airbag assembly LH (Driver side curtain shield squib) 3. Center airbag sensor assembly 	○	RS-205
B1831/57	Open in Driver Side Curtain Shield Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Curtain shield airbag assembly LH (Driver side curtain shield squib) 3. Center airbag sensor assembly 	○	RS-205

RS

DTC No.	Detection Item	Trouble Area	Check Mode	See page
B1832/57	Short to GND in Driver Side Curtain Shield Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Curtain shield airbag assembly LH (Driver side curtain shield squib) 3. Center airbag sensor assembly 	○	RS-205
B1833/57	Short to B+ in Driver Side Curtain Shield Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire No.2 2. Curtain shield airbag assembly LH (Driver side curtain shield squib) 3. Center airbag sensor assembly 	○	RS-205
B1835/58	Short in Front Passenger Side Curtain Shield Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire 2. Curtain shield airbag assembly RH (Front passenger side curtain shield squib) 3. Center airbag sensor assembly 	○	RS-210
B1836/58	Open in Front Passenger Side Curtain Shield Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire 2. Curtain shield airbag assembly RH (Front passenger side curtain shield squib) 3. Center airbag sensor assembly 	○	RS-210
B1837/58	Short to GND in Front Passenger Side Curtain Shield Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire 2. Curtain shield airbag assembly RH (Front passenger side curtain shield squib) 3. Center airbag sensor assembly 	○	RS-210
B1838/58	Short to B+ in Front Passenger Side Curtain Shield Squib Circuit	<ol style="list-style-type: none"> 1. Floor wire 2. Curtain shield airbag assembly RH (Front passenger side curtain shield squib) 3. Center airbag sensor assembly 	○	RS-210
B1900/73	Short in Driver Side Front Pretensioner Squib Circuit	<ol style="list-style-type: none"> 1. Rear door wire No.2 2. Floor wire No.2 3. Front seat outer belt assembly LH (Driver side front pretensioner squib) 4. Center airbag sensor assembly 	○	RS-215
B1901/73	Open in Driver Side Front Pretensioner Squib Circuit	<ol style="list-style-type: none"> 1. Rear door wire No.2 2. Floor wire No.2 3. Front seat outer belt assembly LH (Driver side front pretensioner squib) 4. Center airbag sensor assembly 	○	RS-215
B1902/73	Short to GND in Driver Side Front Pretensioner Squib Circuit	<ol style="list-style-type: none"> 1. Rear door wire No.2 2. Floor wire No.2 3. Front seat outer belt assembly LH (Driver side front pretensioner squib) 4. Center airbag sensor assembly 	○	RS-215

RS

DTC No.	Detection Item	Trouble Area	Check Mode	See page
B1903/73	Short to B+ in Driver Side Front Pretensioner Squib Circuit	<ol style="list-style-type: none"> 1. Rear door wire No.2 2. Floor wire No.2 3. Front seat outer belt assembly LH (Driver side front pretensioner squib) 4. Center airbag sensor assembly 	○	RS-215
B1905/74	Short in Front Passenger Side Front Pretensioner Squib Circuit	<ol style="list-style-type: none"> 1. Rear door wire No.1 2. Floor wire 3. Front seat outer belt assembly RH (Front passenger side front pretensioner squib) 4. Center airbag sensor assembly 	○	RS-222
B1906/74	Open in Front Passenger Side Front Pretensioner Squib Circuit	<ol style="list-style-type: none"> 1. Rear door wire No.1 2. Floor wire 3. Front seat outer belt assembly RH (Front passenger side front pretensioner squib) 4. Center airbag sensor assembly 	○	RS-222
B1907/74	Short to GND in Front Passenger Side Front Pretensioner Squib Circuit	<ol style="list-style-type: none"> 1. Rear door wire No.1 2. Floor wire 3. Front seat outer belt assembly RH (Front passenger side front pretensioner squib) 4. Center airbag sensor assembly 	○	RS-222
B1908/74	Short to B+ in Front Passenger Side Front Pretensioner Squib Circuit	<ol style="list-style-type: none"> 1. Rear door wire No.1 2. Floor wire 3. Front seat outer belt assembly RH (Front passenger side front pretensioner squib) 4. Center airbag sensor assembly 	○	RS-222

RS