

DATA LIST / ACTIVE TEST

HINT:

By accessing the DATA LIST displayed on the intelligent tester, you can perform such functions as reading the values of switches and sensors without removing any parts. Reading the DATA LIST is the first step of troubleshooting and is one method to shorten labor time.

1. DATA LIST FOR CENTER AIRBAG SENSOR ASSEMBLY

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to the ON position and turn the tester on.
- (c) Follow the display on the tester screen to enter the "DATA LIST".
- (d) Check the condition by referring to the table below.

Item	Measure Item/ Range (Display)	Normal Condition	Diagnostic Note
D SEAT POSITION	Seat position (Driver side)/ FORWARD: Seat position is forward BKWARD: Seat position is rearward FAIL: A failure is detected	FORWARD/BKWARD	-
PASSENGER CLASS(*1)	Passenger classification/ NG: Data is not determined NONE: Vacant CHILD: Child (less than 36 kg (79.37 lb)) is seated SMALL: Adult (36 to 54 kg (79.37 to 119.05 lb)) is seated REGULAR: Adult (More than 54 kg (119.05 lb)) is seated FAIL: A failure is detected	NG/NONE/CHILD/SMALL/ REGULAR	-
D BUCKLE SW	Buckle switch (Driver side)/ UNSET: The seat belt is not fastened SET: The seat belt is fastened NG: Data is not determined	UNSET/SET	-
P BUCKLE SW	Buckle switch (Right side)/ UNSET: The seat belt is not fastened SET: The seat belt is fastened NG: Data is not determined	UNSET/SET	-
DISPLAY TYPE	Display type identification information/ LR: The display is indicated by LH/RH DP: The display is indicated by Driver/Passenger	DP	-

*1: Separate Seat

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.
○: 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.

Center Airbag Sensor

DTC No.	Detection Item	Trouble Area	Check Mode	SRS Warning Light	See page
B1000/31	Center Airbag Sensor Assembly Malfunction	1. Center airbag sensor assembly	-	ON	RS-42
B1610/13	Front Airbag Sensor RH Circuit Malfunction	1. Instrument panel wire 2. Engine room main wire 3. Front airbag sensor RH 4. Center airbag sensor assembly	-	ON	RS-43
B1615/14	Front Airbag Sensor LH Circuit Malfunction	1. Instrument panel wire 2. Engine room main wire 3. Front airbag sensor LH 4. Center airbag sensor assembly	-	ON	RS-43
B1620/21	Driver Side - Side Airbag Sensor Circuit Malfunction	1. No. 2 floor wire 2. Side airbag sensor LH 3. Rear airbag sensor LH 4. Center airbag sensor assembly	-	ON	RS-74
B1625/22	Front Passenger Side - Side Airbag Sensor Circuit Malfunction	1. Floor wire 2. Side airbag sensor RH 3. Rear airbag sensor RH 4. Center airbag sensor assembly	-	ON	RS-74
B1630/23	Driver Side Rear Airbag Sensor Circuit Malfunction	1. No. 2 floor wire 2. Side airbag sensor LH 3. Rear airbag sensor LH 4. Center airbag sensor assembly	-	ON	RS-103
B1635/24	Front Passenger Side Rear Airbag Sensor Circuit Malfunction	1. Floor wire 2. Side airbag sensor RH 3. Rear airbag sensor RH 4. Center airbag sensor assembly	-	ON	RS-103

DTC No.	Detection Item	Trouble Area	Check Mode	SRS Warning Light	See page
B1650/32	Occupant Classification System Malfunction	1. No. 1 seat wire 2. Floor wire 3. Occupant classification system 4. Center airbag sensor assembly	-	ON	RS-123
B1651/33	Manual Cut off Switch Trouble	1. Instrument panel wire 2. Airbag Cut-Off Switch 3. Center airbag sensor assembly	-	ON	RS-135
B1653/35	Seat Position Airbag Sensor Circuit Malfunction	1. No. 1 seat wire (*2) 2. No. 2 seat wire (*2) 3. No. 2 floor wire 4. Front seat inner belt assembly LH (*1) 5. Seat position sensor 6. Center airbag sensor assembly	-	ON	RS-141
B1655/37	Driver Side Seat Belt Buckle Switch Circuit Malfunction	1. No. 1 seat wire (*2) 2. No. 2 seat wire (*2) 3. No. 2 floor wire 4. Front seat inner belt assembly 5. Center airbag sensor assembly	-	ON	RS-157
B1660/43	Passenger Airbag ON / OFF Indicator Circuit Malfunction	1. Passenger Airbag ON/OFF Indicator (Passenger seat belt warning light assembly) 2. Instrument panel wire 3. Center airbag sensor assembly	-	ON	RS-171
B1662/45	Indicator Light Circuit Malfunction	1. Instrument panel wire 2. Combination meter assembly 3. Center airbag sensor assembly	-	ON	RS-182
B1800/51	Short in Driver Side Squib Circuit	1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib) 4. Center airbag sensor assembly	○	ON	RS-187
B1801/51	Open in Driver Side Squib Circuit	Same as DTC No. B1800/51	○	ON	RS-187
B1802/51	Short to GND in Driver Side Squib Circuit	Same as DTC No. B1800/51	○	ON	RS-187
B1803/51	Short to B+ in Driver Side Squib Circuit	Same as DTC No. B1800/51	○	ON	RS-187
B1805/52	Short in Front Passenger Side Squib Circuit	1. Instrument panel wire 2. Instrument panel wire assembly 3. Front passenger airbag assembly (Front passenger side squib) 4. Center airbag sensor assembly	○	ON	RS-201
B1806/52	Open in Front Passenger Side Squib Circuit	Same as DTC No. B1805/52	○	ON	RS-201
B1807/52	Short to GND in Front Passenger Side Squib Circuit	Same as DTC No. B1805/52	○	ON	RS-201
B1808/52	Short to B+ in Front Passenger Side Squib Circuit	Same as DTC No. B1805/52	○	ON	RS-201
B1810/53	Short in Driver Side Squib 2nd Step Circuit	1. Instrument panel wire 2. Spiral cable 3. Steering pad (Driver side squib 2nd step) 4. Center airbag sensor assembly	○	ON	RS-217
B1811/53	Open in Driver Side Squib 2nd Step Circuit	Same as DTC No. B1810/53	○	ON	RS-217
B1812/53	Short to GND in Driver Side Squib 2nd Step Circuit	Same as DTC No. B1810/53	○	ON	RS-217
B1813/53	Short to B+ in Driver Side Squib 2nd Step Circuit	Same as DTC No. B1810/53	○	ON	RS-217

DTC No.	Detection Item	Trouble Area	Check Mode	SRS Warning Light	See page
B1815/54	Short in Front Passenger Side Squib 2nd Step Circuit	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	○	ON	RS-233
B1816/54	Open in Front Passenger Side Squib 2nd Step Circuit	Same as DTC No. B1815/54	○	ON	RS-233
B1817/54	Short to GND in Front Passenger Side Squib 2nd Step Circuit	Same as DTC No. B1815/54	○	ON	RS-233
B1818/54	Short to B+ in Front Passenger Side Squib 2nd Step Circuit	Same as DTC No. B1815/54	○	ON	RS-233
B1820/55	Short in Driver Side - Side Squib Circuit	1. No. 2 floor wire 2. Front seat with adjuster frame assembly LH (Driver side-side squib) 3. Center airbag sensor	○	ON	RS-249
B1821/55	Open in Driver Side - Side Squib Circuit	Same as DTC No. B1820/55	○	ON	RS-249
B1822/55	Short to GND in Driver Side - Side Squib Circuit	Same as DTC No. B1820/55	○	ON	RS-249
B1823/55	Short to B+ in Driver Side - Side Squib Circuit	Same as DTC No. B1820/55	○	ON	RS-249
B1825/56	Short in Front Passenger Side - Side Squib Circuit	1. Floor wire 2. Front seat with adjuster frame assembly RH (Front passenger side-side squib) 3. Center airbag sensor assembly	○	ON	RS-260
B1826/56	Open in Front Passenger Side - Side Squib Circuit	Same as DTC No. B1825/56	○	ON	RS-260
B1827/56	Short to GND in Front Passenger Side - Side Squib Circuit	Same as DTC No. B1825/56	○	ON	RS-260
B1828/56	Short to B+ in Front Passenger Side - Side Squib Circuit	Same as DTC No. B1825/56	○	ON	RS-260
B1830/57	Short in Driver Side Curtain Shield Squib Circuit	1. No. 2 floor wire 2. Curtain shield airbag assembly (Driver side curtain shield squib) 3. Center airbag sensor assembly	○	ON	RS-271
B1831/57	Open in Driver Side Curtain Shield Squib Circuit	Same as DTC No. B1830/57	○	ON	RS-271
B1832/57	Short to GND in Driver Side Curtain Shield Squib Circuit	Same as DTC No. B1830/57	○	ON	RS-271
B1833/57	Short to B+ in Driver Side Curtain Shield Squib Circuit	Same as DTC No. B1830/57	○	ON	RS-271
B1835/58	Short in Front Passenger Side Curtain Shield Squib Circuit	1. Floor wire 2. Curtain shield airbag assembly (Front passenger side curtain shield squib) 3. Center airbag sensor assembly	○	ON	RS-282
B1836/58	Open in Front Passenger Side Curtain Shield Squib Circuit	Same as DTC No. B1835/58	○	ON	RS-282

DTC No.	Detection Item	Trouble Area	Check Mode	SRS Warning Light	See page
B1837/58	Short to GND in Front Passenger Side Curtain Shield Squib Circuit	Same as DTC No. B1835/58	○	ON	RS-282
B1838/58	Short to B+ in Front Passenger Side Curtain Shield Squib Circuit	Same as DTC No. B1835/58	○	ON	RS-282
B1900/73	Short in Driver Side Front Pretensioner Squib Circuit	1. No. 2 floor wire 2. No. 2 rear door wire (*3) 3. Front seat outer belt assembly LH (Driver side front pretensioner squib) 4. Center airbag sensor assembly	○	ON	RS-293
B1901/73	Open in Driver Side Front Pretensioner Squib Circuit	Same as DTC No. B1900/73	○	ON	RS-293
B1902/73	Short to GND in Driver Side Front Pretensioner Squib Circuit	Same as DTC No. B1900/73	○	ON	RS-293
B1903/73	Short to B+ in Driver Side Front Pretensioner Squib Circuit	Same as DTC No. B1900/73	○	ON	RS-293
B1905/74	Short in Front Passenger Side Front Pretensioner Squib Circuit	1. Floor wire 2. No. 1 rear door wire (*3) 3. Front seat outer belt assembly RH (Front passenger side front pretensioner squib) 4. Center airbag sensor assembly	○	ON	RS-317
B1906/74	Open in Front Passenger Side Front Pretensioner Squib Circuit	Same as DTC No. B1905/74	○	ON	RS-317
B1907/74	Short to GND in Front Passenger Side Front Pretensioner Squib Circuit	Same as DTC No. B1905/74	○	ON	RS-317
B1908/74	Short to B+ in Front Passenger Side Front Pretensioner Squib Circuit	Same as DTC No. B1905/74	○	ON	RS-317

*1: For separate seat

*2: For bench seat

*3: For access cab