

## DATA LIST / ACTIVE TEST

### 1. READ DATA LIST

#### HINT:

Using the intelligent tester's Data List allows switch, sensor, actuator and other item values to be read without removing any parts. Reading the Data List early in troubleshooting in one way to save time.

- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the ignition switch ON.
- (c) Read the Data List according to the display on the tester.

### Center airbag sensor

Item	Measure 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. 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 a 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.

### Airbag System

DTC No.	Detection Item	Check Mode	SRS Warning Light	See Page
B1000/31	Center Airbag Sensor Assembly Malfunction	-	ON	<a href="#">RS-58</a>
B1602/83	Lost Communication with Front Satellite Sensor Bus RH	-	ON	<a href="#">RS-59</a>
B1603/83	Front Satellite Sensor Bus RH Initialization Incomplete	-	ON	<a href="#">RS-59</a>
B1607/84	Lost Communication with Front Satellite Sensor Bus LH	-	ON	<a href="#">RS-70</a>
B1608/84	Front Satellite Sensor Bus LH Initialization Incomplete	-	ON	<a href="#">RS-70</a>
B1610/13	Front Airbag Sensor RH Circuit Malfunction	-	ON	<a href="#">RS-81</a>
B1612/83	Lost Communication with Front Airbag Sensor RH	-	ON	<a href="#">RS-59</a>
B1613/83	Front Airbag Sensor RH Initialization Incomplete	-	ON	<a href="#">RS-59</a>
B1615/14	Front Airbag Sensor LH Circuit Malfunction	-	ON	<a href="#">RS-83</a>
B1617/84	Lost Communication with Front Airbag Sensor LH	-	ON	<a href="#">RS-70</a>
B1618/84	Front Airbag Sensor LH Initialization Incomplete	-	ON	<a href="#">RS-70</a>
B1620/21	Driver Side - Side Airbag Sensor Circuit Malfunction	-	ON	<a href="#">RS-85</a>

DTC No.	Detection Item	Check Mode	SRS Warning Light	See Page
B1622/81	Lost Communication with Driver Side - Side Airbag Sensor Assembly	-	ON	<a href="#">RS-87</a>
B1623/81	Driver Side - Side Airbag Sensor Assembly Initialization Incomplete	-	ON	<a href="#">RS-92</a>
B1625/22	Front Passenger Side - Side Airbag Sensor Circuit Malfunction	-	ON	<a href="#">RS-100</a>
B1627/82	Lost Communication with Front Passenger Side - Side Airbag Sensor Assembly	-	ON	<a href="#">RS-102</a>
B1628/82	Front Passenger Side - Side Airbag Sensor Assembly Initialization Incomplete	-	ON	<a href="#">RS-107</a>
B1630/23	Driver Side Rear Airbag Sensor Circuit Malfunction	-	ON	<a href="#">RS-115</a>
B1632/81	Lost Communication with Driver Side Curtain Shield Airbag Sensor	-	ON	<a href="#">RS-92</a>
B1633/81	Driver Side Curtain Shield Airbag Sensor Initialization Incomplete	-	ON	<a href="#">RS-92</a>
B1635/24	Front Passenger Side Rear Airbag Sensor Circuit Malfunction	-	ON	<a href="#">RS-117</a>
B1637/82	Lost Communication with Front Passenger Side Curtain Shield Airbag Sensor	-	ON	<a href="#">RS-107</a>
B1638/82	Front Passenger Side Curtain Shield Airbag Sensor Initialization Incomplete	-	ON	<a href="#">RS-107</a>
B1642/81	Lost Communication with Driver Side Satellite Sensor Bus	-	ON	<a href="#">RS-92</a>
B1643/81	Driver Side Satellite Sensor Bus Initialization Incomplete	-	ON	<a href="#">RS-119</a>
B1647/82	Lost Communication with Front Passenger Side Satellite Sensor Bus	-	ON	<a href="#">RS-107</a>
B1648/82	Front Passenger Side Satellite Sensor Bus Initialization Incomplete	-	ON	<a href="#">RS-127</a>
B1650/32	Occupant Classification System Malfunction	-	ON	<a href="#">RS-135</a>
B1653/35	Seat Position Airbag Sensor Circuit Malfunction	-	ON	<a href="#">RS-141</a>
B1655/37	Driver Side Seat Belt Buckle Switch Circuit Malfunction	-	ON	<a href="#">RS-153</a>
B1660/43	Passenger Airbag ON / OFF Indicator Circuit Malfunction	-	ON	<a href="#">RS-161</a>
B1800/51	Short in Driver Side Squib Circuit	○	ON	<a href="#">RS-176</a>

<b>DTC No.</b>	<b>Detection Item</b>	<b>Check Mode</b>	<b>SRS Warning Light</b>	<b>See Page</b>
B1801/51	Open in Driver Side Squib Circuit	○	ON	<a href="#">RS-176</a>
B1802/51	Short to GND in Driver Side Squib Circuit	○	ON	<a href="#">RS-176</a>
B1803/51	Short to B+ in Driver Side Squib Circuit	○	ON	<a href="#">RS-176</a>
B1805/52	Short in Front Passenger Side Squib Circuit	○	ON	<a href="#">RS-181</a>
B1806/52	Open in Front Passenger Side Squib Circuit	○	ON	<a href="#">RS-181</a>
B1807/52	Short to GND in Front Passenger Side Squib Circuit	○	ON	<a href="#">RS-181</a>
B1808/52	Short to B+ in Front Passenger Side Squib Circuit	○	ON	<a href="#">RS-181</a>
B1810/53	Short in Driver Side Squib 2nd Step Circuit	○	ON	<a href="#">RS-186</a>
B1811/53	Open in Driver Side Squib 2nd Step Circuit	○	ON	<a href="#">RS-186</a>
B1812/53	Short to GND in Driver Side Squib 2nd Step Circuit	○	ON	<a href="#">RS-186</a>
B1813/53	Short to B+ in Driver Side Squib 2nd Step Circuit	○	ON	<a href="#">RS-186</a>
B1815/54	Short in Front Passenger Side Squib 2nd Step Circuit	○	ON	<a href="#">RS-191</a>
B1816/54	Open in Front Passenger Side Squib 2nd Step Circuit	○	ON	<a href="#">RS-191</a>
B1817/54	Short to GND in Front Passenger Side Squib 2nd Step Circuit	○	ON	<a href="#">RS-191</a>
B1818/54	Short to B+ in Front Passenger Side Squib 2nd Step Circuit	○	ON	<a href="#">RS-191</a>
B1820/55	Short in Driver Side - Side Squib Circuit	○	ON	<a href="#">RS-196</a>
B1821/55	Open in Driver Side - Side Squib Circuit	○	ON	<a href="#">RS-196</a>
B1822/55	Short to GND in Driver Side - Side Squib Circuit	○	ON	<a href="#">RS-196</a>
B1823/55	Short to B+ in Driver Side - Side Squib Circuit	○	ON	<a href="#">RS-196</a>
B1825/56	Short in Front Passenger Side - Side Squib Circuit	○	ON	<a href="#">RS-201</a>
B1826/56	Open in Front Passenger Side - Side Squib Circuit	○	ON	<a href="#">RS-201</a>
B1827/56	Short to GND in Front Passenger Side - Side Squib Circuit	○	ON	<a href="#">RS-201</a>
B1828/56	Short to B+ in Front Passenger Side - Side Squib Circuit	○	ON	<a href="#">RS-201</a>
B1830/57	Short in Driver Side Curtain Shield Squib Circuit	○	ON	<a href="#">RS-206</a>

DTC No.	Detection Item	Check Mode	SRS Warning Light	See Page
B1831/57	Open in Driver Side Curtain Shield Squib Circuit	○	ON	<a href="#">RS-206</a>
B1832/57	Short to GND in Driver Side Curtain Shield Squib Circuit	○	ON	<a href="#">RS-206</a>
B1833/57	Short to B+ in Driver Side Curtain Shield Squib Circuit	○	ON	<a href="#">RS-206</a>
B1835/58	Short in Front Passenger Side Curtain Shield Squib Circuit	○	ON	<a href="#">RS-210</a>
B1836/58	Open in Front Passenger Side Curtain Shield Squib Circuit	○	ON	<a href="#">RS-210</a>
B1837/58	Short to GND in Front Passenger Side Curtain Shield Squib Circuit	○	ON	<a href="#">RS-210</a>
B1838/58	Short to B+ in Front Passenger Side Curtain Shield Squib Circuit	○	ON	<a href="#">RS-210</a>
B1900/73	Short in Driver Side Front Pretensioner Squib Circuit	○	ON	<a href="#">RS-215</a>
B1901/73	Open in Driver Side Front Pretensioner Squib Circuit	○	ON	<a href="#">RS-215</a>
B1902/73	Short to GND in Driver Side Front Pretensioner Squib Circuit	○	ON	<a href="#">RS-215</a>
B1903/73	Short to B+ in Driver Side Front Pretensioner Squib Circuit	○	ON	<a href="#">RS-215</a>
B1905/74	Short in Front Passenger Side Front Pretensioner Squib Circuit	○	ON	<a href="#">RS-219</a>
B1906/74	Open in Front Passenger Side Front Pretensioner Squib Circuit	○	ON	<a href="#">RS-219</a>
B1907/74	Short to GND in Front Passenger Side Front Pretensioner Squib Circuit	○	ON	<a href="#">RS-219</a>
B1908/74	Short to B+ in Front Passenger Side Front Pretensioner Squib Circuit	○	ON	<a href="#">RS-219</a>