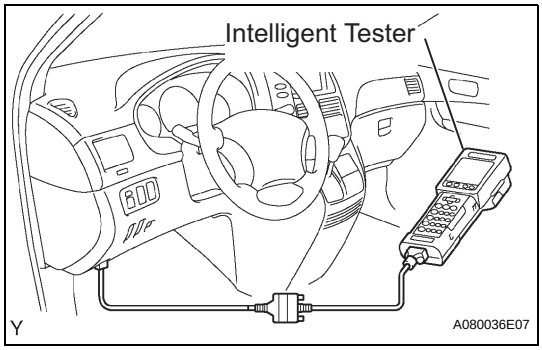
# DATA LIST / ACTIVE TEST

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 as the first step in troubleshooting 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.
(c) Turn the tester on.
(d) Enter the following menus: DIAGNOSIS / OBD/ MOBD / SRS AIRBAG / DATA LIST.
(e) Check the values by referring to the table below.

**DATA LIST:**

| Tester Display | Measurement Item/Range | Normal Condition | Diagnostic Note |
|---|---|---|---|
| D SEAT POSITION | Seat position (Driver side)/ FORWARD: Seat position is forward BKWARD: Seat position is backward FAIL: Failure detected | FORWARD/BKWARD | - |
| PASSENGER CLASS | Passenger Classification/ NG: Data is not determined OFF: Vacant CHILD: Child (less than 36 kg (79.37 to 119.05 lb)) is seated AF05: Adult (36 to 54 kg (7937 to 119.05 lb) is seated AM50: Adult (more than 54 kg (119.05)) is seated FAIL: A failure is detected | OFF/CHILD/AF05/AM50 | - |
| 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 (Passenger side)/ UNSET: The seat belt is not fastened SET: The seat belt is fastened NG: Data is not determined | UNSET/SET | - |
| PAST CODES | Number of past trouble codes/ Min.: 0, Max.: 255 | 0 | - |

# DIAGNOSTIC TROUBLE CODE CHART

## 1. DTCS FOR AIRBAG SYSTEM

If a malfunction code is displayed during the DTC check, check the circuit listed for the code in the table below (Proceed to the page listed for that circuit).

HINT:

- When the SRS warning light remains on and the DTC output is the normal system code, a voltage source drop is likely to occur. This malfunction is not stored in memory by the center airbag sensor assembly. If the warning light will automatically go off.
- When 2 or more codes are indicated, the code with the lower number appears first.
- If a code is not listed on the display chart, the center airbag sensor assembly may have failed.
- In the case of any malfunction concerning an open circuit, short to ground, or short to B+ due to a squib, other trouble codes may not be detected. In this case, repair the malfunction currently indicated and then perform malfunction diagnosis again.
- When DTC B1150/23 is detected as a result of troubleshooting for the Airbag System, perform troubleshooting for the Occupant Classification System as shown in the chart below.
- Mark in the check mode column:
  *1: DTC is not corresponding to the check mode.
  *2: DTC is corresponding to the check mode.
- DTC which has the mark of the *3 is output only the equipped car of side airbag.



### AIRBAG SYSTEM

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B0100/13 | Short in Driver Side Squib Circuit | 1. Steering pad (Driver side squib)<br>2. Spiral cable<br>3. Center airbag sensor assembly<br>4. Instrument panel wire | *2 | ON | RS-49 |
| B0101/14 | Open in Driver Side Squib Circuit | 1. Steering pad (Driver side squib)<br>2. Spiral cable<br>3. Center airbag sensor assembly<br>4. Instrument panel wire | *2 | ON | RS-54 |
| B0102/11 | Short to GND in Driver Side Squib Circuit | 1. Steering pad (Driver side squib)<br>2. Spiral cable<br>3. Center airbag sensor assembly<br>4. Instrument panel wire | *2 | ON | RS-59 |
| B0103/12 | Short to B+ in Driver Side Squib Circuit | 1. Steering pad (Driver side squib)<br>2. Spiral cable<br>3. Center airbag sensor assembly<br>4. Instrument panel wire | *2 | ON | RS-64 |

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B0105/53 | Short in Front Passenger Side Squib Circuit | 1. Front passenger airbag assembly (Front passenger side squib)<br>2. Center airbag sensor assembly<br>3. Instrument panel wire | *2 | ON | RS-69 |
| B0106/54 | Open in Front Passenger Side Squib Circuit | 1. Front passenger airbag assembly (Front passenger side squib)<br>2. Center airbag sensor assembly<br>3. Instrument panel wire | *2 | ON | RS-72 |
| B0107/51 | Short to GND in Front Passenger Side Squib Circuit | 1. Front passenger airbag assembly (Front passenger side squib)<br>2. Center airbag sensor assembly<br>3. Instrument panel wire | *2 | ON | RS-75 |
| B0108/52 | Short to B+ in Front Passenger Side Squib Circuit | 1. Front passenger airbag assembly (Front passenger side squib)<br>2. Center airbag sensor assembly<br>3. Instrument panel wire | *2 | ON | RS-78 |
| B0110/43 (*3) | Short in Side Squib RH Circuit | 1. Front seat side airbag assembly RH (Side squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-82 |
| B0111/44 (*3) | Open in Side Squib RH Circuit | 1. Front seat side airbag assembly RH (Side squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-85 |
| B0112/41 (*3) | Short to GND in Side Squib RH Circuit | 1. Front seat side airbag assembly RH (Side squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-88 |

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B0113/42 (*3) | Short to B+ in Side Squib RH Circuit | 1. Front seat side airbag assembly RH (Side squib RH) 2. Center airbag sensor assembly 3. Floor wire No. 2 | *2 | Blink | RS-91 |
| B0115/47 (*3) | Short in Side Squib LH Circuit | 1. Front seat side airbag assembly LH (Side squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-94 |
| B0116/48 (*3) | Open in Side Squib LH Circuit | 1. Front seat side airbag assembly LH (Side squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-97 |
| B0117/45 (*3) | Short to GND in Side Squib LH Circuit | 1. Front seat side airbag assembly LH (Side squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-100 |
| B0118/46 (*3) | Short to B+ in Side Squib LH Circuit | 1. Front seat side airbag assembly LH (Side squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-103 |
| B0126/27 | Seat Belt Buckle Switch LH Circuit Malfunction | 1. Front seat inner belt assembly LH (Seat belt buckle switch LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | ON | RS-106 |
| B0130/63 | Short in Front Pretensioner Squib RH Circuit | 1. Front seat outer belt assembly RH (Front pretensioner squib RH) 2. Center airbag sensor assembly 3. Floor wire No. 2 | *2 | Blink | RS-116 |

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B0131/64 | Open in Front Pretensioner Squib RH Circuit | 1. Front seat outer belt assembly RH (Front pretensioner squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-120 |
| B0132/61 | Short to GND in Front Pretensioner Squib RH Circuit | 1. Front seat outer belt assembly RH (Front pretensioner squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-123 |
| B0133/62 | Short to B+ in Front Pretensioner Squib RH Circuit | 1. Front seat outer belt assembly RH (Front pretensioner squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-126 |
| B0135/73 | Short in Front Pretensioner Squib LH Circuit | 1. Front seat outer belt assembly LH (Front pretensioner squib LH)<br>2. Center airbag sensor assembly<br>3. Floor wire | *2 | Blink | RS-130 |
| B0136/74 | Open in Front Pretensioner Squib LH Circuit | 1. Front seat outer belt assembly LH (Front pretensioner squib LH)<br>2. Center airbag sensor assembly<br>3. Floor wire | *2 | Blink | RS-134 |
| B0137/71 | Short to GND in Front Pretensioner Squib LH Circuit | 1. Front seat outer belt assembly LH (Front pretensioner squib LH)<br>2. Center airbag sensor assembly<br>3. Floor wire | *2 | Blink | RS-137 |
| B0138/72 | Short to B+ in Front Pretensioner Squib LH Circuit | 1. Front seat outer belt assembly LH (Front pretensioner squib LH)<br>2. Center airbag sensor assembly<br>3. Floor wire | *2 | Blink | RS-140 |

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B1100/31 | Center Airbag Sensor Assembly Malfunction | 1. Center airbag sensor assembly<br>2. Engine room main wire<br>3. Instrument panel wire | *1 | ON | RS-144 |
| B1135/24 | Half Connection in Center Airbag Sensor Assembly Connectors | 1. Electrical connection check mechanism<br>2. Center airbag sensor assembly | *1 | ON | RS-154 |
| B1140/32 (*3) | Side Airbag Sensor Assembly RH Circuit Malfunction | 1. Side airbag sensor RH<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *1 | Blink | RS-156 |
| B1141/33 (*3) | Side Airbag Sensor Assembly LH Circuit Malfunction | 1. Side airbag sensor LH<br>2. Center airbag sensor assembly<br>3. Floor wire | *1 | Blink | RS-162 |
| B1148/36 | Front Airbag Sensor RH Circuit Malfunction | 1. Front airbag sensor RH<br>2. Center airbag sensor assembly<br>3. Engine room main wire<br>4. Instrument panel wire | *1 | ON | RS-168 |
| B1149/37 | Front Airbag Sensor LH Circuit Malfunction | 1. Front airbag sensor LH<br>2. Center airbag sensor assembly<br>3. Engine room main wire<br>4. Instrument panel wire | *1 | ON | RS-172 |
| B1150/23 | Occupant Classification System Malfunction | 1. Occupant classification ECU<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2<br>4. Front seat wire RH | *1 | ON | RS-176 |
| B1152/28 | Passenger Airbag ON/OFF Indicator Circuit Malfunction | 1. Air conditioning control assembly<br>2. Center airbag sensor assembly<br>3. Instrument panel wire | *1 | ON | RS-185 |
| B1153/25 | Seat Position Airbag Sensor Circuit Malfunction | 1. Seat position airbag sensor<br>2. Center airbag sensor assembly<br>3. Front seat inner belt assembly LH<br>4. Floor wire | *1 | ON | RS-198 |

RS

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B1154/38 (*3) | Rear Airbag Sensor RH Circuit Malfunction | 1. Rear airbag sensor RH<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *1 | Blink | RS-208 |
| B1155/39 (*3) | Rear Airbag Sensor LH Circuit Malfunction | 1. Rear airbag sensor LH<br>2. Center airbag sensor assembly<br>3. Floor wire | *1 | Blink | RS-214 |
| B1160/83 (*3) | Short in Curtain Shield Squib RH Circuit | 1. Curtain shield airbag assembly RH (Curtain shield squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-220 |
| B1161/84 (*3) | Open in Curtain Shield Squib RH Circuit | 1. Curtain shield airbag assembly RH (Curtain shield squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-224 |
| B1162/81 (*3) | Short to GND in Curtain Shield Squib RH Circuit | 1. Curtain shield airbag assembly RH (Curtain shield squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-227 |
| B1163/82 (*3) | Short to B+ in Curtain Shield Squib RH Circuit | 1. Curtain shield airbag assembly RH (Curtain shield squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-230 |
| B1165/87 (*3) | Short in Curtain Shield Squib LH Circuit | 1. Curtain shield airbag assembly LH (Curtain shield squib LH)<br>2. Center airbag sensor assembly<br>3. Floor wire | *2 | Blink | RS-233 |
| B1166/88 (*3) | Open in Curtain Shield Squib LH Circuit | 1. Curtain shield airbag assembly LH (Curtain shield squib LH)<br>2. Center airbag sensor assembly<br>3. Floor wire | *2 | Blink | RS-237 |

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B1167/85 (*3) | Short to GND in Curtain Shield Squib LH Circuit | 1. Curtain shield airbag assembly LH (Curtain shield squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-240 |
| B1168/86 (*3) | Short to B+ in Curtain Shield Squib LH Circuit | 1. Curtain shield airbag assembly LH (Curtain shield squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-243 |
| B1180/17 | Short in Driver Side Squib 2nd Step Circuit | 1. Steering pad (Driver side squib 2nd step) 2. Spiral cable 3. Center airbag sensor assembly 4. Instrument panel wire | *2 | ON | RS-246 |
| B1181/18 | Open in Driver Side Squib 2nd Step Circuit | 1. Steering pad (Driver side squib 2nd step) 2. Spiral cable 3. Center airbag sensor assembly 4. Instrument panel wire | *2 | ON | RS-251 |
| B1182/19 | Short to GND in Driver Side Squib 2nd Step Circuit | 1. Steering pad (Driver side squib 2nd step) 2. Spiral cable 3. Center airbag sensor assembly 4. Instrument panel wire | *2 | ON | RS-256 |
| B1183/22 | Short to B+ in Driver Side Squib 2nd Step Circuit | 1. Steering pad (Driver side squib 2nd step) 2. Spiral cable 3. Center airbag sensor assembly 4. Instrument panel wire | *2 | ON | RS-261 |
| B1185/57 | Short in Front Passenger Side Squib 2nd Step Circuit | 1. Front passenger airbag assembly (Front passenger side squib 2nd step) 2. Center airbag sensor assembly 3. Instrument panel wire | *2 | ON | RS-266 |

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B1186/58 | Open in Front Passenger Side Squib 2nd Step Circuit | 1. Front passenger airbag assembly (Front passenger side squib 2nd step)<br>2. Center airbag sensor assembly<br>3. Instrument panel wire | *2 | ON | RS-269 |
| B1187/55 | Short to GND in Front Passenger Side Squib 2nd Step Circuit | 1. Front passenger airbag assembly (Front passenger side squib 2nd step)<br>2. Center airbag sensor assembly<br>3. Instrument panel wire | *2 | ON | RS-272 |
| B1188/56 | Short to B+ in Front Passenger Side Squib 2nd Step Circuit | 1. Front passenger airbag assembly (Front passenger side squib 2nd step)<br>2. Center airbag sensor assembly<br>3. Instrument panel wire | *2 | ON | RS-275 |
| B1630/83 (*3) | Short in Rear Curtain Shield Squib RH Circuit | 1. Curtain shield airbag assembly RH (Rear curtain shield squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-279 |
| B1631/84 (*3) | Open in Rear Curtain Shield Squib RH Circuit | 1. Curtain shield airbag assembly RH (Rear curtain shield squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-283 |
| B1632/81 (*3) | Short to GND in Rear Curtain Shield Squib RH Circuit | 1. Curtain shield airbag assembly RH (Rear curtain shield squib RH)<br>2. Center airbag sensor assembly<br>3. Floor wire No. 2 | *2 | Blink | RS-286 |

| DTC Code | Detection Item | Trouble Area | Check Mode | SRS Warning Light | See page |
|---|---|---|---|---|---|
| B1633/82 (*3) | Short to B+ in Rear Curtain Shield Squib RH Circuit | 1. Curtain shield airbag assembly RH (Rear curtain shield squib RH) 2. Center airbag sensor assembly 3. Floor wire No. 2 | *2 | Blink | RS-289 |
| B1635/87 (*3) | Short in Rear Curtain Shield Squib LH Circuit | 1. Curtain shield airbag assembly LH (Rear curtain shield squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-293 |
| B1636/88 (*3) | Open in Rear Curtain Shield Squib LH Circuit | 1. Curtain shield airbag assembly LH (Rear curtain shield squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-297 |
| B1637/85 (*3) | Short to GND in Rear Curtain Shield Squib LH Circuit | 1. Curtain shield airbag assembly LH (Rear curtain shield squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-300 |
| B1638/86 (*3) | Short to B+ in Rear Curtain Shield Squib LH Circuit | 1. Curtain shield airbag assembly LH (Rear curtain shield squib LH) 2. Center airbag sensor assembly 3. Floor wire | *2 | Blink | RS-303 |