

<b>DTC</b>	<b>B0137/71</b>	<b>SHORT IN P/T SQUIB (LH) CIRCUIT (TO GROUND)</b>
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## CIRCUIT DESCRIPTION

The P/T squib (LH) circuit consists of the airbag sensor assy center and seat belt pretensioner (LH). It causes the SRS to deploy when the SRS deployment conditions are satisfied.

DTC B0137/71 is recorded when a ground short is detected in the P/T squib (LH) circuit.

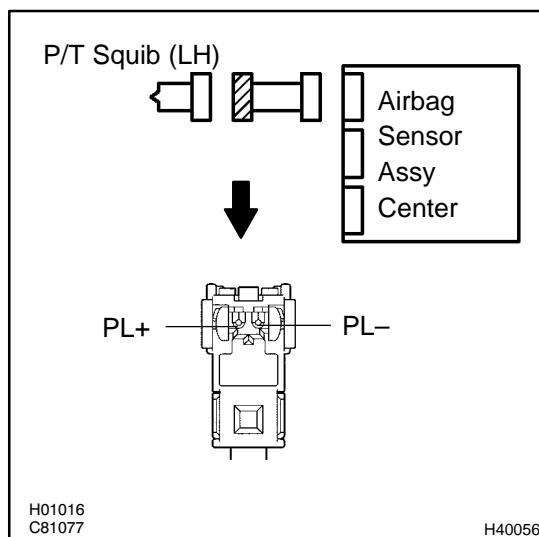
DTC No.	DTC Detecting Condition	Trouble Area
B0137/71	<ul style="list-style-type: none"> <li>• Short circuit in P/T squib (LH) wire harness (to ground)</li> <li>• P/T squib (LH) malfunction</li> <li>• Airbag sensor assy center malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Seat belt pretensioner (LH)</li> <li>• Airbag sensor assy center</li> <li>• Instrument panel wire No.3</li> </ul>

## WIRING DIAGRAM

See page [05-507](#).

## INSPECTION PROCEDURE

<b>1</b>	<b>CHECK P/T SQUIB(LH) CIRCUIT(AIRBAG SENSOR ASSY CENTER – FRONT SEAT OUTER BELT ASSY LH)</b>
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- Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
- Disconnect the connectors between the airbag sensor assy center and the seat belt pretensioner (LH).
- For the connector (on the seat belt pretensioner side) between the airbag sensor assy center and the seat belt pretensioner (LH), measure the resistance between PL+ and body ground.

**OK:**

**Resistance: 1 MΩ or Higher**

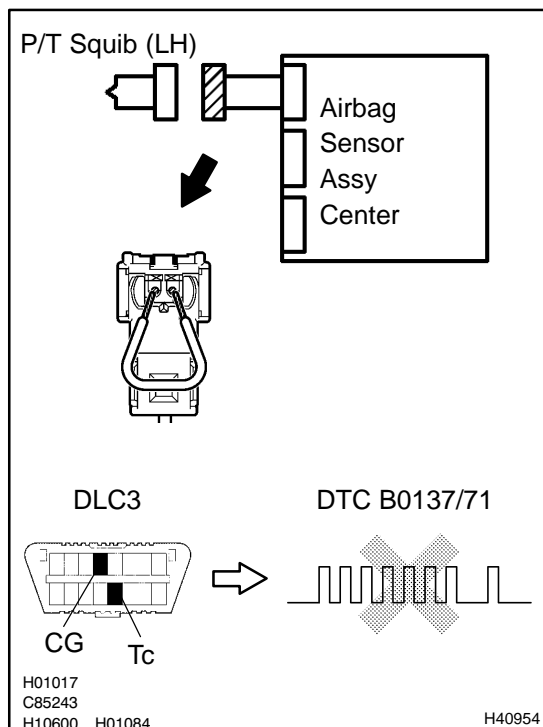
**NG**

**REPAIR OR REPLACE INSTRUMENT PANEL WIRE NO.3(AIRBAG SENSOR ASSY CENTER – FRONT SEAT OUTER BELT ASSY LH)**

**OK**

## 2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Connect the connector to the airbag sensor assy center.
- Using a service wire, connect PL+ and PL- of the connector (on the seat belt pretensioner side) between the airbag sensor assy center and the seat belt pretensioner (LH).
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON, and wait at least for 20 seconds.
- Clear the DTC stored in memory (See page 05-424).
- Turn the ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the ignition switch to ON, and wait at least for 20 seconds.
- Check the DTC (See page 05-424).

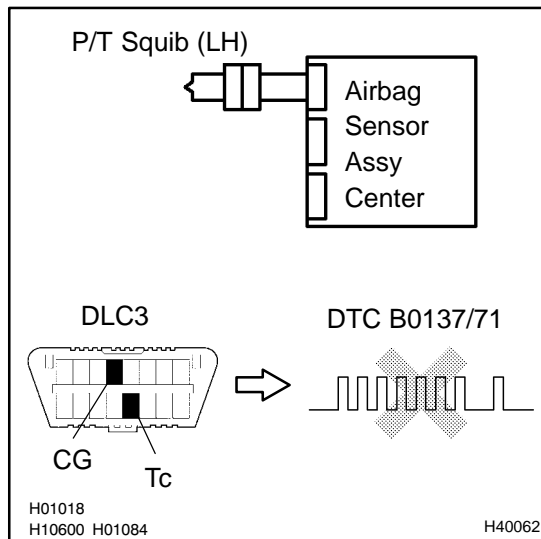
**OK:****DTC B0137/71 is not output.****HINT:**

Codes other than code B0137/71 may be output at this time, but they are not relevant to this check.

**NG****REPLACE AIR BAG SENSOR ASSY CENTER****OK**

### 3 CHECK P/T SQUIB (LH)

SST 09843-18040



- (a) Turn the ignition switch to LOCK.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- (c) Connect the seat belt pretensioner (LH) connector.
- (d) Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- (e) Turn the ignition switch to ON, and wait at least for 20 seconds.
- (f) Clear the DTC stored in memory (See page 05-424).
- (g) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
- (h) Turn the ignition switch to ON, and wait at least for 20 seconds.
- (i) Check the DTC (See page 05-424).

**OK:****DTC B0137/71 is not output.****HINT:**

Codes other than code B0137/71 may be output at this time, but they are not relevant to this check.

**NG****REPLACE FRONT SEAT OUTER BELT ASSY LH****OK**

### 4 USE SIMULATION METHOD TO CHECK

**NG****Go to step 1****OK****REPLACE ALL SRS COMPONENTS INCLUDING THE WIRE HARNESS**