

DTC	B0137/71	SHORT IN P/T SQUIB (LH) CIRCUIT (TO GROUND)
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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.

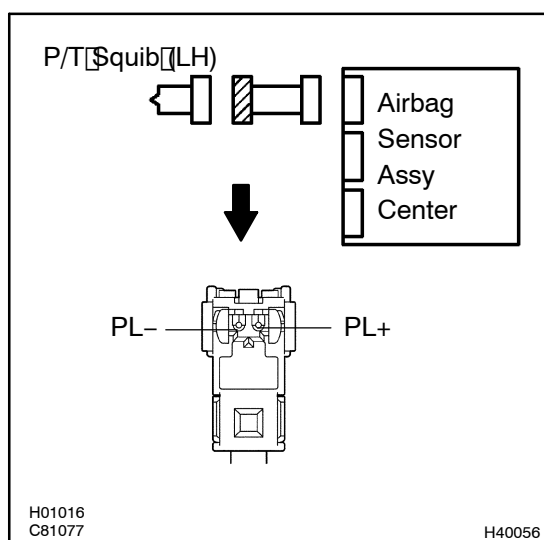
DTC No.	DTC Detecting Condition	Trouble Area
B0137/71	<ul style="list-style-type: none"> • Short circuit in P/T squib (LH) wire harness (to ground) • P/T squib (LH) malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Seat belt pretensioner (LH) • Airbag sensor assy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

WIRING DIAGRAM

See page 05-843.

INSPECTION PROCEDURE

1	CHECK P/T SQUIB (LH) CIRCUIT (AIRBAG SENSOR ASSY CENTER - FRONT SEAT OUTER BELT ASSY LH)
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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

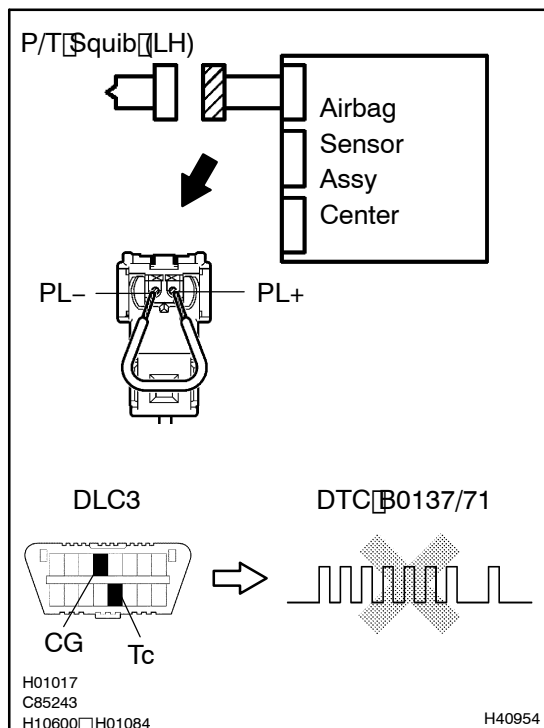
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REPAIR OR REPLACE WIRE HARNESS (AIRBAG SENSOR ASSY CENTER - FRONT SEAT OUTER BELT ASSY LH)

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 05-758).
- 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 05-758).

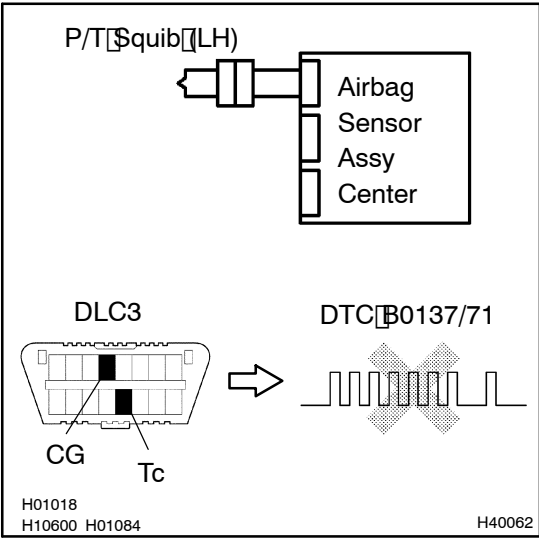
OK:**DTC B0137/71 is not output.****HINT:**

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 05-758).
- (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 05-758).

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.

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REPLACE FRONT SEAT OUTER BELT ASSY LH

OK

4 USE SIMULATION METHOD TO CHECK

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Go to step 1

OK

REPLACE ALL SRS COMPONENTS INCLUDING THE WIRE HARNESS