

# DTC B0133/62 SHORT IN P/T SQUIB (RH) CIRCUIT (TO B+)

## CIRCUIT DESCRIPTION

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

DTC B0133/62 is recorded when a B+ short is detected in the P/T squib (RH) circuit.

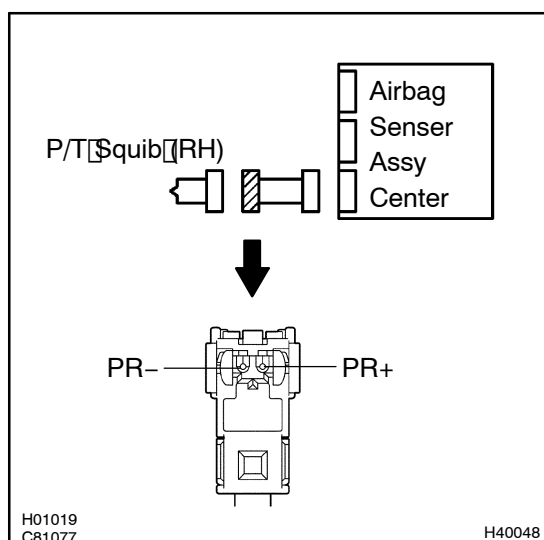
DTC No.	DTC Detecting Condition	Trouble Area
B0133/62	<ul style="list-style-type: none"> <li>Short circuit in seat belt pretensioner (RH) wire harness (to B+)</li> <li>P/T squib (RH) malfunction</li> <li>Airbag sensor assy center malfunction</li> </ul>	<ul style="list-style-type: none"> <li>Seat belt pretensioner (RH)</li> <li>Airbag sensor assy center</li> <li>Floor wire</li> </ul>

## WIRING DIAGRAM

See page 05-468.

## INSPECTION PROCEDURE

### 1 CHECK P/T SQUIB (RH) CIRCUIT



- 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 (RH).
- Connect the negative (-) terminal cable to the battery, and turn the ignition switch to ON.
- For the connector (on the seat belt pretensioner side) between the seat belt pretensioner (RH) and the airbag sensor assy center, measure the voltage between PR+ and body ground.

**OK:**

**Voltage: Below 1V**

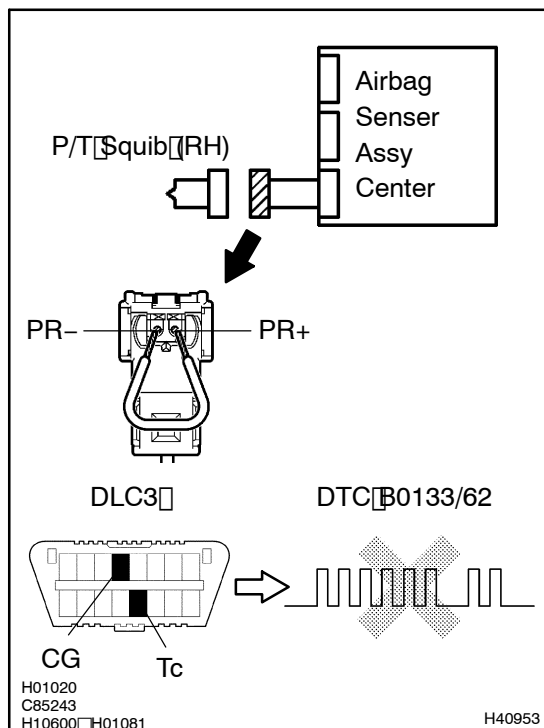
**NG**

**REPAIR OR REPLACE FLOOR WIRE**

**OK**

## 2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the connector to the airbag sensor assy center.
- Using a service wire, connect PR+ and PR- of the connector (on the seat belt pretensioner side) between the seat belt pretensioner (RH) and the airbag sensor assy center.
- 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 05-403).
- 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 05-403).

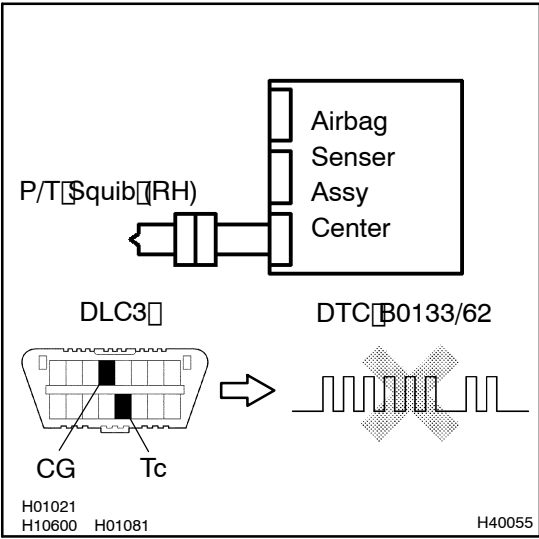
**OK:****DTC B0133/62 is not output.****HINT:**

Codes other than code B0133/62 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 (RH)

SST 09843-18040



- (a) Turn 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 (RH) 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 05-403).
- (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 05-403).

**OK:**

**DTC B0133/62 is not output.**

**HINT:**

Codes other than code B0133/62 may be output at this time, but they are not relevant to this check.

**NG**

**REPLACE FRONT SEAT OUTER BELT ASSY RH**

**OK**

4 USE SIMULATION METHOD TO CHECK

**NG**

**Go to step 1**

**OK**

**REPLACE ALL SRS COMPONENTS INCLUDING THE WIRE HARNESS**