

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.

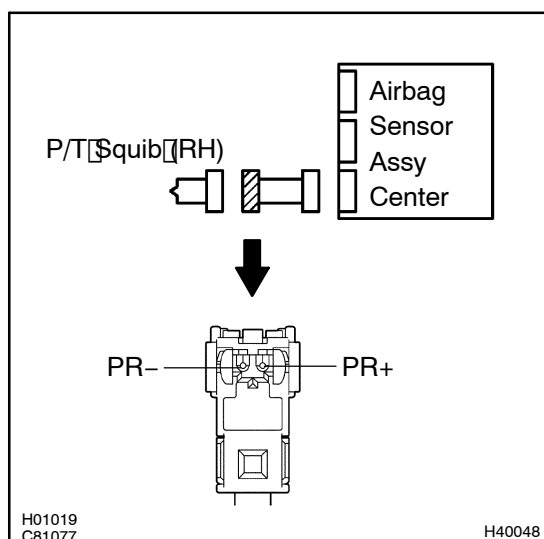
DTC No.	DTC Detecting Condition	Trouble Area
B0133/62	<ul style="list-style-type: none"> Short circuit in seat belt pretensioner (RH) wire harness (to B+) P/T squib (RH) malfunction Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> Seat belt pretensioner (RH) Airbag sensor assy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

WIRING DIAGRAM

See page 05-831.

INSPECTION PROCEDURE

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



- 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 wait at least for 2 seconds.
- 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

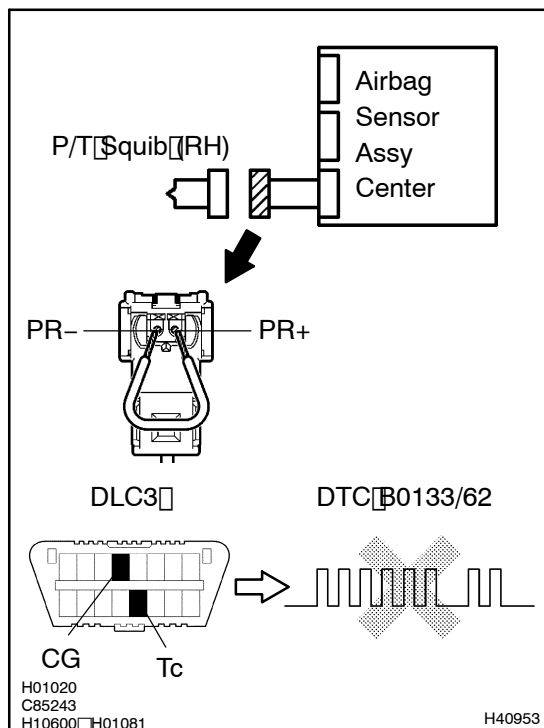
NG

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

OK

2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Turn the ignition switch to LOCK.
- 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 05-758).
- 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).

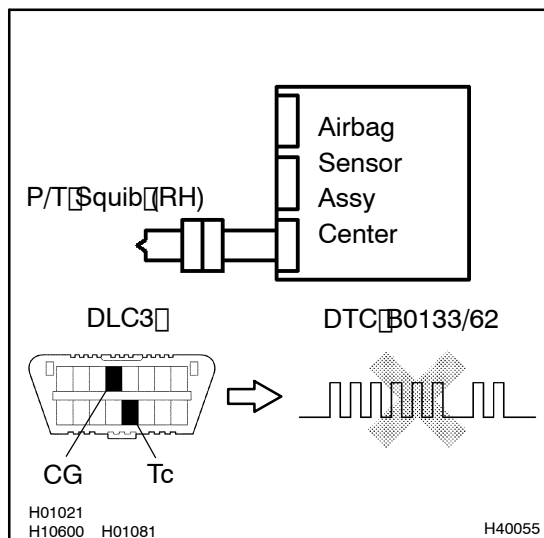
OK:**DTC B0133/62 is not output.****HINT:**

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



- Turn ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the seat belt pretensioner (RH) connector.
- 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 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**