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.

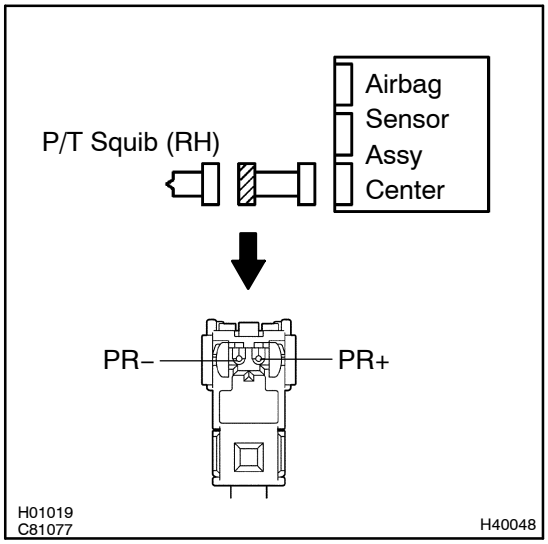
DTC No.	DTC Detecting Condition	Trouble Area
B0133/62	• Short circuit in seat belt pretensioner (RH) wire harness (to B+) • P/T squib (RH) malfunction • Airbag sensor assy center malfunction	• Seat belt pretensioner (RH) • Airbag sensor assy center • Wire harness

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)



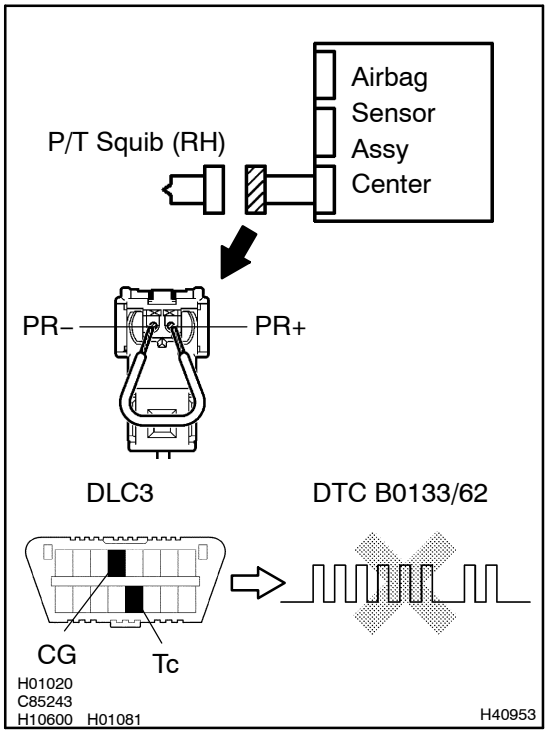
(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the seat belt pretensioner (RH).
(c) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(d) Turn the ignition switch to ON.
(e) 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



(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 connector to the airbag sensor assy center.
(d) 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.
(e) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(f) Turn the ignition switch to ON, and wait at least for 20 seconds.
(g) Clear the DTC stored in memory (See page 05–758).
(h) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(i) Turn the ignition switch to ON, and wait at least for 20 seconds.
(j) Check the DTC (See page 05–758).
OK:
DTC B0133/62 is not output.

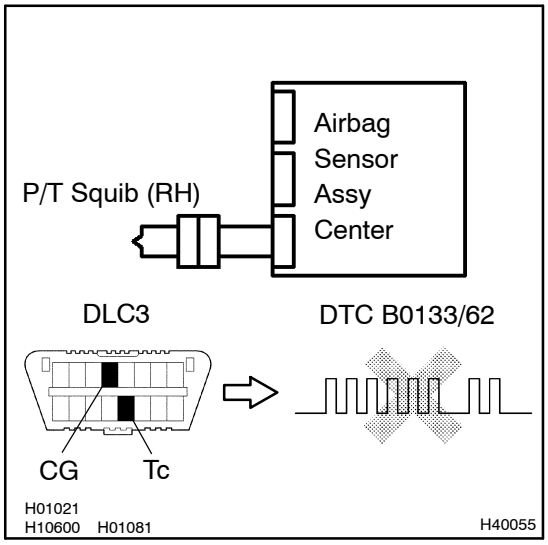
HINT:
Codes other than code B0133/62 may be output at this time, but they are not relevant to this check.

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

OK

3	CHECK P/T SQUIB (RH)

SST 09843–18040



(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 05–758).
(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 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