

DTC**B0130/63****Short in Front Pretensioner Squib RH Circuit****DESCRIPTION**

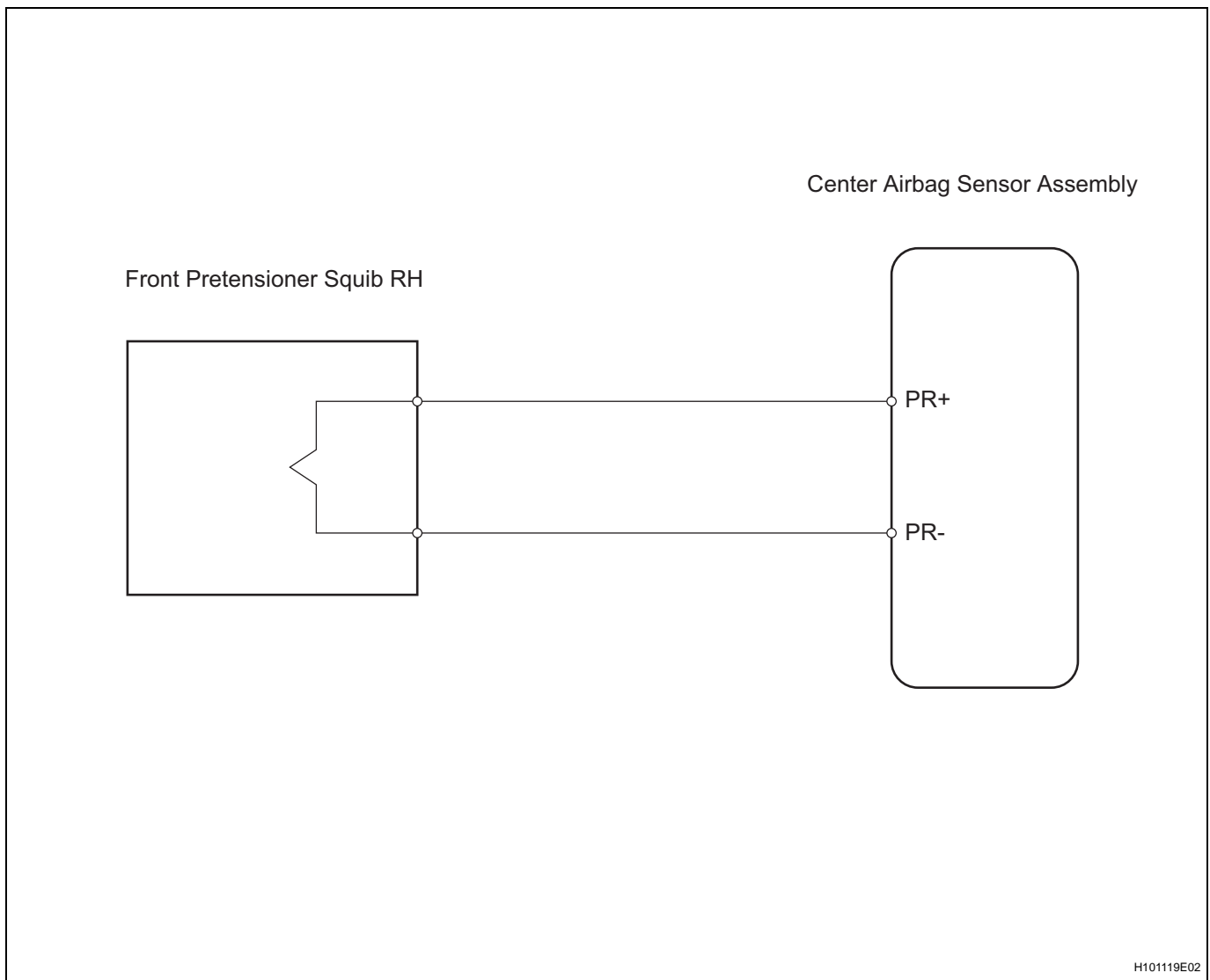
The front pretensioner squib circuit consists of the center airbag sensor assembly and the front seat outer belt assembly RH (seat belt pretensioner RH).

This circuit instructs the SRS to deploy when deployment conditions are met.

DTC B0130/63 is recorded when a short circuit is detected in the front pretensioner squib RH circuit.

RS

DTC No.	DTC Detection Condition	Trouble Area
B0130/63	<ul style="list-style-type: none">• Short circuit between PR+ wire harness and PR- wire harness of front pretensioner squib RH• Front pretensioner squib RH malfunction• Center airbag sensor assembly malfunction	<ul style="list-style-type: none">• Front seat outer belt assembly RH (front pretensioner squib RH)• Center airbag sensor assembly• Floor wire

WIRING DIAGRAM

RS

1

CHECK FLOOR WIRE

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the front seat outer belt assembly RH.
- (d) Check that the floor wire connector (on the front seat outer belt assembly RH side) is not damaged.

OK:
Lock button is not disengaged, or claw of lock is not deformed or damaged.

OK

NG

REPAIR OR REPLACE FLOOR WIRE

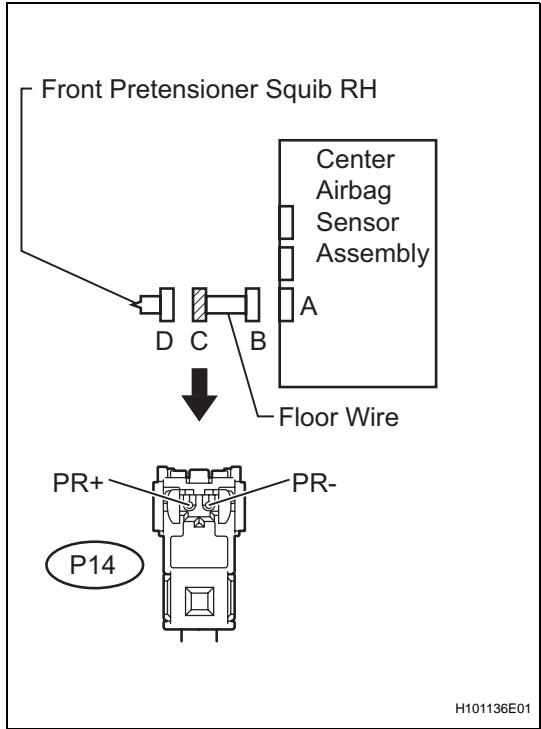
2

CHECK FLOOR WIRE (FRONT PRETENSIONER SQUIB RH CIRCUIT)

- (a) Disconnect the connectors from the center airbag sensor assembly.
- (b) Release the activation prevention mechanism built into connector "B" (see page RS-12).
- (c) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection (Connector "C")	Specified Condition
P14-1 (PR+) - P14-2 (PR-)	1 MΩ or higher



OK

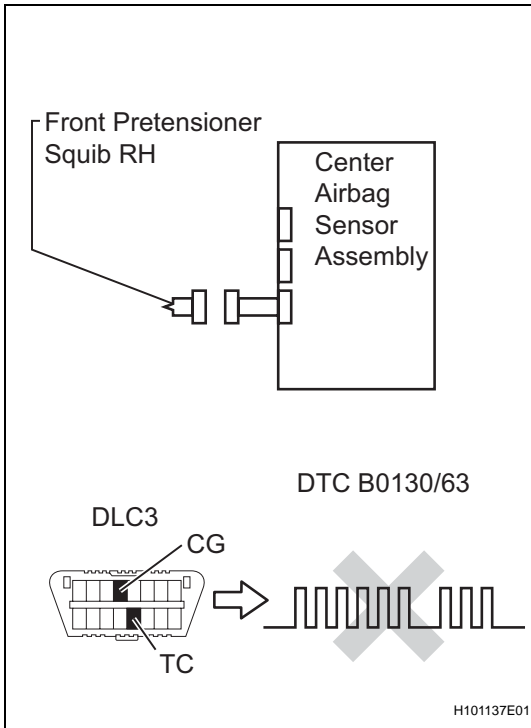
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REPAIR OR REPLACE FLOOR WIRE

3

CHECK CENTER AIRBAG SENSOR ASSEMBLY

- (a) Connect the connector to the center airbag sensor assembly.



OK

- (b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (c) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (d) Clear the stored DTCs in the memory (see page RS-21).
- (e) Turn the ignition switch to the LOCK position.
- (f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (g) Check for the DTCs (see page RS-21).

OK:**DTC B0130/63 is not output.****HINT:**

Codes other than code B0130/62 may be output at this time, but they are not related to this check.

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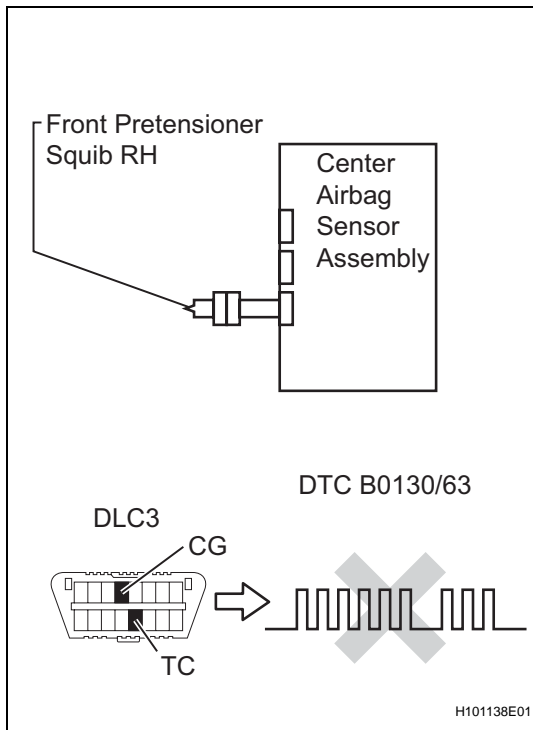
REPLACE CENTER AIRBAG SENSOR ASSEMBLY

4**CHECK FRONT SEAT OUTER BELT ASSEMBLY RH**

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Connect the connector to the front seat outer belt assembly RH.
- (d) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (e) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (f) Clear the stored DTCs in the memory (see page RS-21).
- (g) Turn the ignition switch to the LOCK position.
- (h) Turn the ignition switch to the ON position, and wait for at least 60 seconds.

RS

RS



- (i) Check for the DTCs (see page [RS-21](#)).

OK:

DTC B0130/63 is not output.

HINT:

Codes other than code B0130/63 may be output at this time, but they are not related to this check.

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REPLACE FRONT SEAT OUTER BELT ASSEMBLY RH

OK

PROBLEM SYMPTOMS SIMULATION