

DTC	B0133/62	Short to B+ in Front Pretensioner Squib RH Circuit
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DESCRIPTION

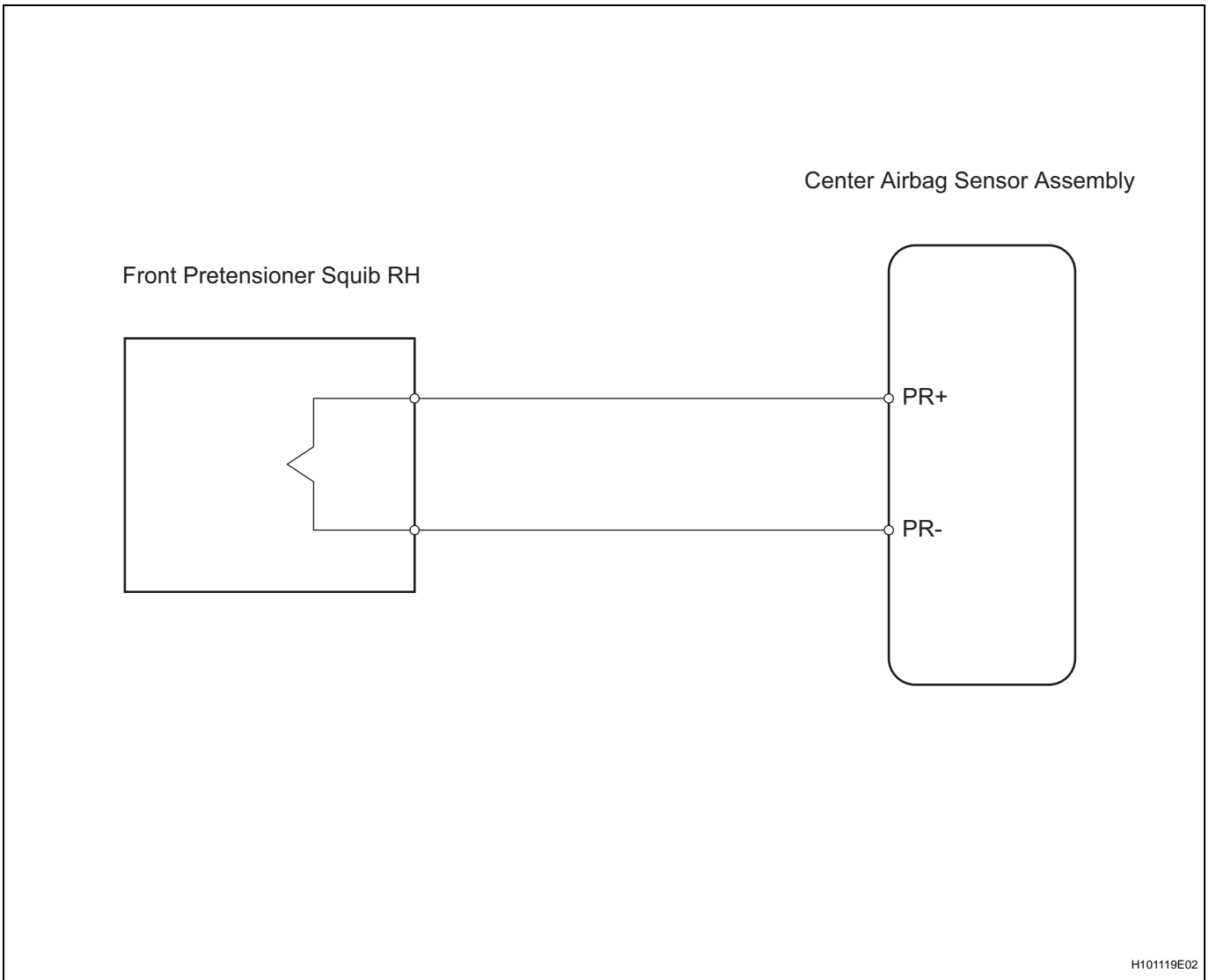
The front pretensioner squib RH circuit consists of the center airbag sensor assembly and the front seat outer belt assembly RH (seat belt pretensioner RH).

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

DTC B0133/62 is recorded when a short to B+ is detected in the front pretensioner squib RH circuit.

DTC No.	DTC Detection Condition	Trouble Area
B0133/62	<ul style="list-style-type: none"> • Short circuit in front pretensioner squib RH wire harness (to +B) • Front pretensioner squib RH malfunction • Center airbag sensor assembly 	<ul style="list-style-type: none"> • Front seat outer belt assembly RH (front pretensioner assembly RH) • Center airbag sensor assembly • Floor wire

WIRING DIAGRAM

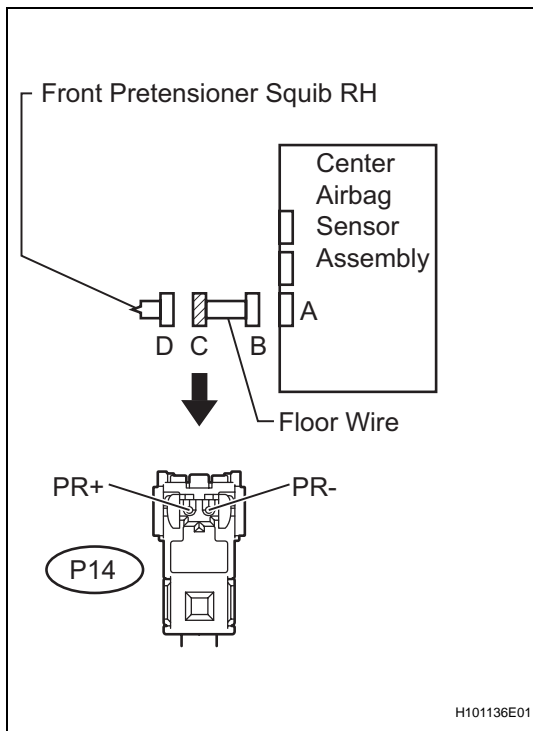


1 CHECK FLOOR WIRE (FRONT PRETENSIONER SQUIB RH)**RS**

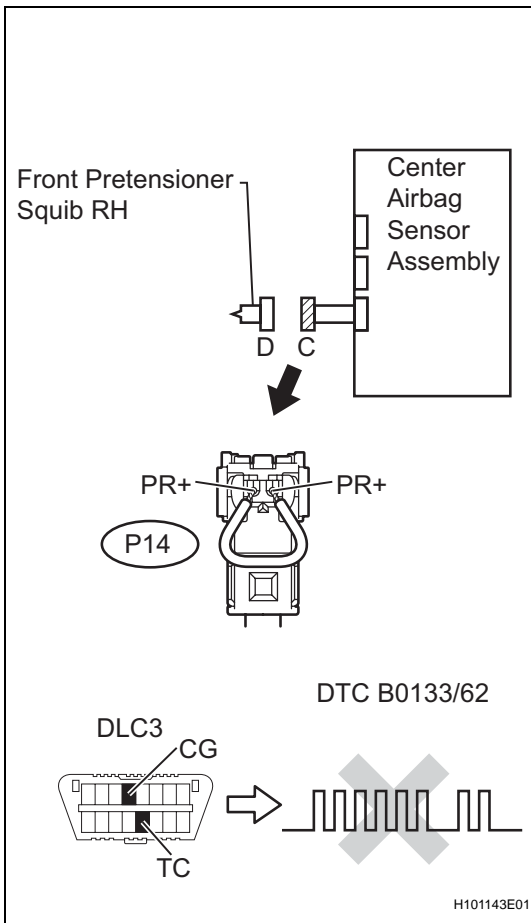
- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the center airbag sensor assembly and the front seat outer belt assembly RH.
- (d) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (e) Measure the voltage according to the value(s) in the table below.

Standard voltage

Tester Connection (Connector "C")	Condition	Specified Condition
P14-1 (PR+) - Body ground	Ignition switch ON	Below 1 V
P14-2 (PR-) - Body ground		

NG**REPAIR OR REPLACE FLOOR WIRE****OK****2 CHECK CENTER AIRBAG SENSOR ASSEMBLY**

- (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 center airbag sensor assembly.



- (d) Using a service wire, connect terminals PR+ and PR- of connector "C".

NOTICE:

- **Twist the end of the service wire in order to insert to the connector.**
- **Do not forcibly insert the twisted service wire into the terminals of the connector when connecting.**

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

OK:

DTC B0133/62 is not output.

HINT:

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

NG **REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

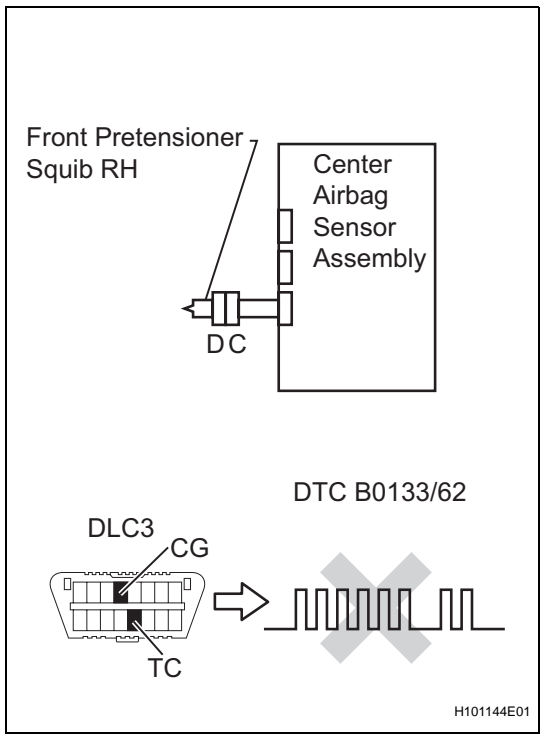
OK

3 CHECK FRONT SEAT OUTER BELT ASSEMBLY RH (FRONT PRETENSIONER SQUIB 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) Disconnect the service wire from the connector "C".
- (d) Connect the connector to the front seat outer belt assembly RH.
- (e) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (g) Clear the stored DTCs in the memory (see page RS-21).
- (h) Turn the ignition switch to the LOCK position.
- (i) Turn the ignition switch to the ON position, and wait for at least 60 seconds.

RS

RS



(j) Check for the DTCs (see page RS-21).

OK:

DTC B0133/62 is not output.

HINT:

Codes other than code B0133/62 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