

DTC	B0130/63	Short in P/T Squib (RH) Circuit
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CIRCUIT DESCRIPTION

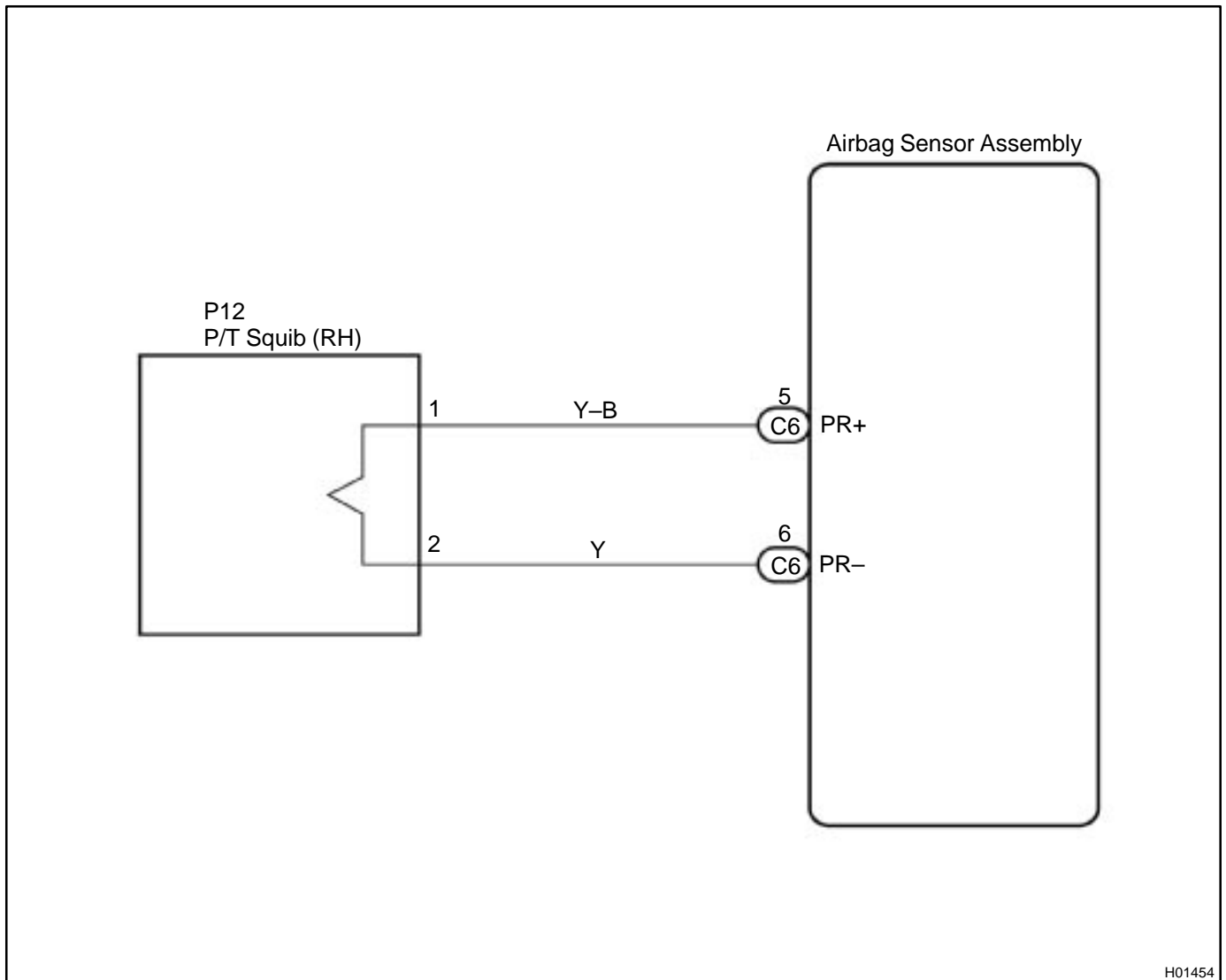
The P/T squib (RH) circuit consists of the airbag sensor assembly and seat belt pretensioner (RH). It causes the SRS to deploy when the SRS deployment conditions are satisfied.

For details of the function of each component, see OPERATION on page [RS-2](#).

DTC B0130/63 is recorded when a short is detected in the P/T squib (RH) circuit.

DTC No.	DTC Detection Condition	Trouble Area
B0130/63	<ul style="list-style-type: none"> • Short circuit between PR+ or PR– wire harness of squib • P/T squib (RH) malfunction • Airbag sensor assembly malfunction 	<ul style="list-style-type: none"> • Wire harness • Seat belt pretensioner (P/T squib) (RH) • Airbag sensor assembly

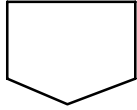
WIRING DIAGRAM



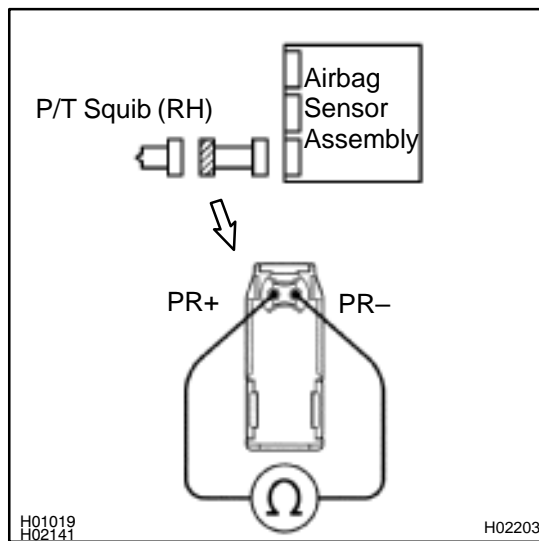
H01454

INSPECTION PROCEDURE

- 1 Prepare for inspection (See step 1 on page [DI-323](#)).



- 2 Check P/T squib (RH) circuit.

**PREPARATION:**

Release the airbag activation prevention mechanism of the connector (on the airbag sensor assembly side) between the airbag sensor assembly and the seat belt pretensioner (RH) (See page [DI-237](#)).

CHECK:

For the connector (on the seat belt pretensioner side) between the seat belt pretensioner (RH) and the airbag sensor assembly, measure the resistance between terminals PR+ and PR-.

OK:

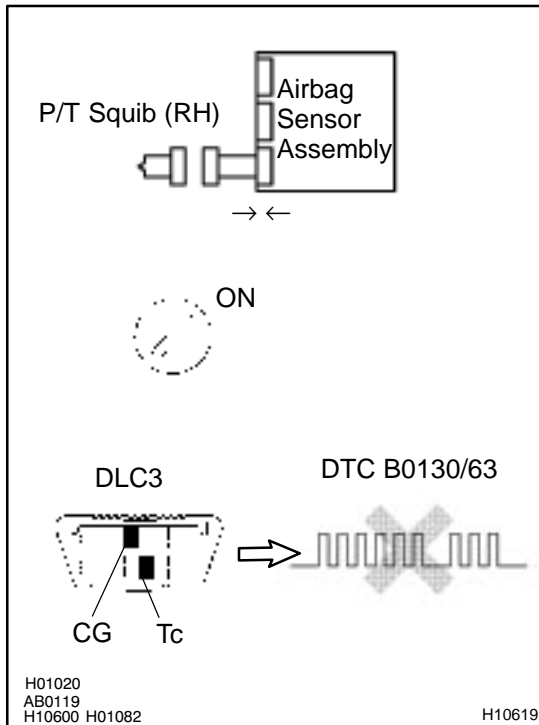
Resistance: 1 MΩ or Higher

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Repair or replace harness or connector between seat belt pretensioner (RH) and airbag sensor assembly.

OK

3 Check airbag sensor assembly.



PREPARATION:

- Connect the connector to the airbag sensor assembly.
- Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.

CHECK:

- Turn the ignition switch ON, and wait at least for 20 seconds.
- Clear the DTC stored in memory (See page [DI-237](#)).
- Turn the ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the ignition switch ON, and wait at least for 20 seconds.
- Check the DTC (See page [DI-237](#)).

OK:

DTC B0130/63 is not output.

HINT:

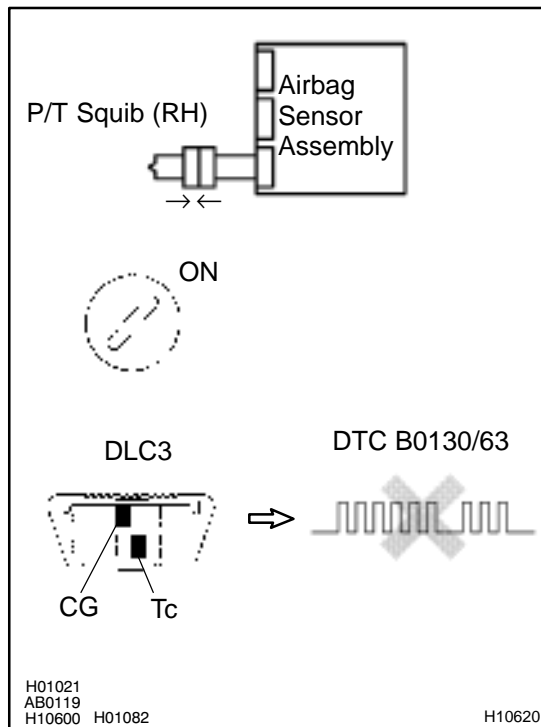
Codes other than code B0130/63 may be output at this time, but they are not relevant to this check.

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Replace airbag sensor assembly.

OK

4 Check P/T squib (RH).



PREPARATION:

- Turn the 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.

CHECK:

- Turn the ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the ignition switch ON, and wait at least for 20 seconds.
- Clear the DTC stored in memory (See page [DI-237](#)).
- Turn the ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the ignition switch ON, and wait at least for 20 seconds.
- Check the DTC (See page [DI-237](#)).

OK:

DTC B0130/63 is not output.

HINT:

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

NG

Replace seat belt pretensioner (RH).

OK

From results of above inspection, suspected part can now be considered normal. To make sure of this, use simulation method to check.