

DTC	B0108/52	SHORT IN P SQUIB CIRCUIT (TO B+)
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CIRCUIT DESCRIPTION

The P squib circuit consists of the airbag sensor assy center and instrument panel passenger airbag assy. It causes the SRS to deploy when the SRS deployment conditions are satisfied.

DTC B0108/52 is recorded when a B+ short is detected in the P squib circuit.

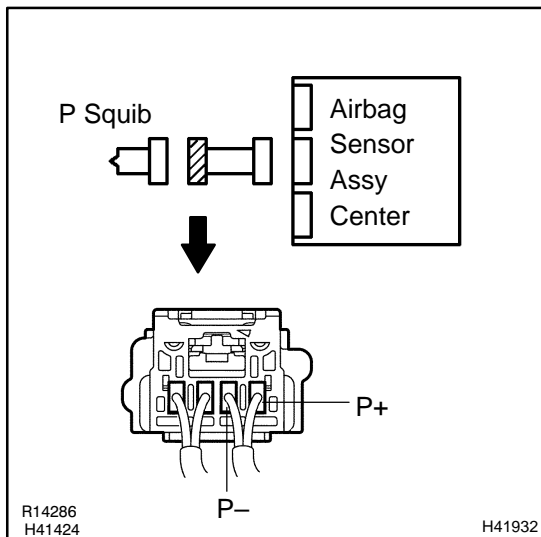
DTC No.	DTC Detecting Condition	Trouble Area
B0108/52	<ul style="list-style-type: none"> • Short circuit in P squib wire harness (to B+) • P squib malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Instrument panel passenger airbag assy (P squib) • Airbag sensor assy center • Instrument panel wire

WIRING DIAGRAM

See page 05-453.

INSPECTION PROCEDURE

1	CHECK P SQUIB CIRCUIT(AIRBAG SENSOR ASSY CENTER – INSTRUMENT PANEL PASSENGER AIRBAG ASSY)
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- (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 instrument panel passenger airbag assy.
- (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 instrument panel passenger airbag assy side) between the airbag sensor assy center and the instrument panel passenger airbag assy, measure the voltage between P+ and body ground.

OK:

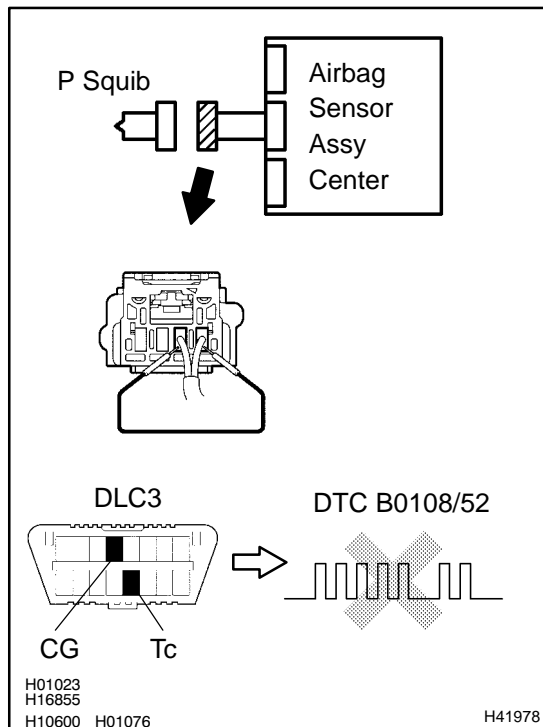
Voltage: Below 1 V

NG	REPAIR OR REPLACE INSTRUMENT PANEL WIRE
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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 P+ and P- of the connector (on the instrument panel passenger airbag assy side) between the airbag sensor assy center and the instrument panel passenger airbag assy.
- (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 05-424).
- (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 05-424).

OK:**DTC B0108/52 is not output.**

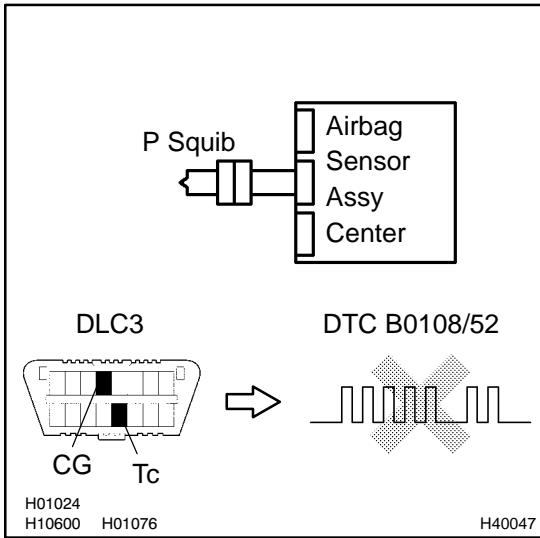
HINT:

Codes other than code B0108/52 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 SQUIB

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 instrument panel passenger airbag assy 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 05-424).
- (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 05-424).

OK:

DTC B0108/52 is not output.

HINT:

Codes other than code B0108/52 may be output at this time, but they are not relevant to this check.

NG → **REPLACE INSTRUMENT PANEL PASSENGER AIR BAG ASSY**

OK

4 USE SIMULATION METHOD TO CHECK

NG → **Go to step 1**

OK

REPLACE ALL SRS COMPONENTS INCLUDING THE WIRE HARNESS