

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

CIRCUIT DESCRIPTION

The P-squib circuit consists of the airbag sensor assy center and instr pnl pass l/door 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.

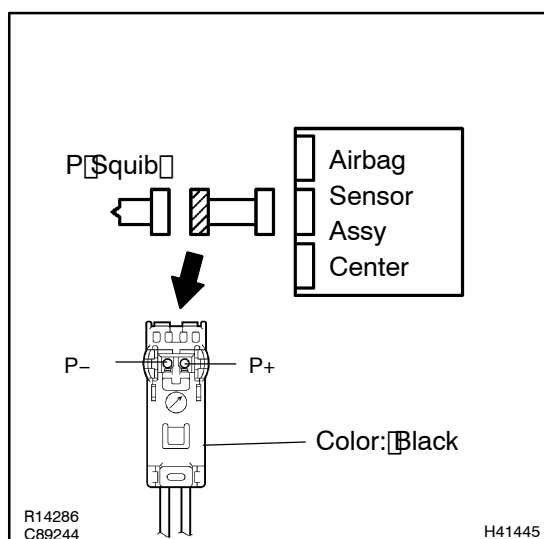
DTC No.	DTC Detecting Condition	Trouble Area
B0108/52	<ul style="list-style-type: none"> • Short circuit in P-squib wire harness (to B+) • P-squib malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Instr pnl pass l/door airbag assy (P-squib) • Airbag sensor assy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

WIRING DIAGRAM

See page 05-787.

INSPECTION PROCEDURE

1 CHECK P-SQUIB CIRCUIT (AIRBAG SENSOR ASSY CENTER - INSTR PNL PASS L/DOOR AIRBAG ASSY)



- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Disconnect the connectors between the airbag sensor assy center and the instr pnl pass l/door airbag assy.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON.
- For the black connector (on the instr pnl pass l/door airbag assy side) between the airbag sensor assy center and the instr pnl pass l/door airbag assy, measure the voltage between P+ and body ground.

OK:

Voltage: Below 1 V

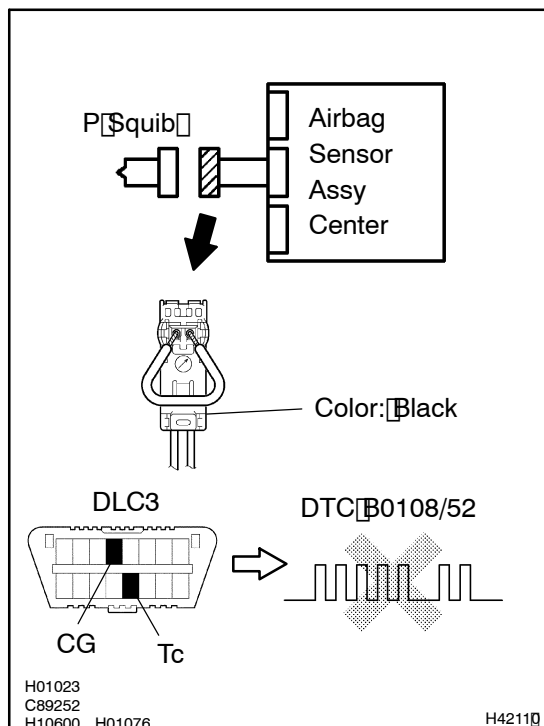
NG

REPAIR OR REPLACE WIRE HARNESS (AIRBAG SENSOR ASSY CENTER - INSTR PNL PASS L/DOOR AIRBAG ASSY)

OK

2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Turn the Ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the connector to the Airbag Sensor Assy Center.
- Using a service wire, connect P+ and P- of the black connector (on the Instr pnl pass/door Airbag Assy side) between the Airbag Sensor Assy Center and the Instr pnl pass/door Airbag Assy.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the Ignition switch to ON, and wait at least for 20 seconds.
- Clear the DTC stored in memory (See page 05-758).
- Turn the Ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the Ignition switch to ON, and wait at least for 20 seconds.
- Check the DTC (See page 05-758).

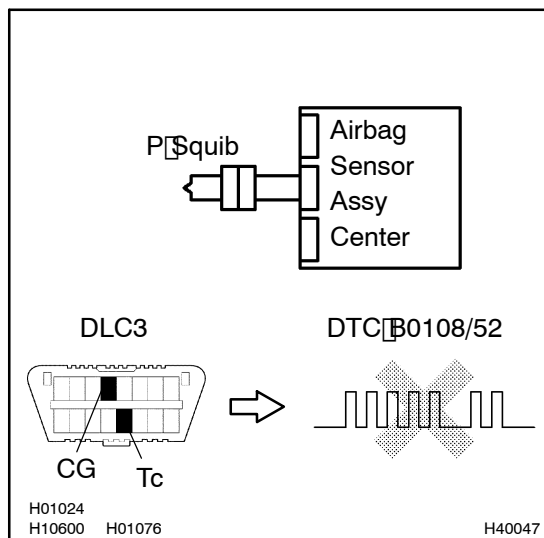
OK:**DTC B0108/52 is not output.****HINT:**

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



- Turn the Ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the Instr PNL Pass L/door airbag Assy connectors.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the Ignition switch to ON, and wait at least for 20 seconds.
- Clear the DTC stored in memory ([See page 05-758](#)).
- Turn the Ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the Ignition switch to ON, and wait at least for 20 seconds.
- Check the DTC ([See page 05-758](#)).

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 INSTR PNL PASS L/DOOR AIR BAG ASSY****OK**

4 USE SIMULATION METHOD TO CHECK

NG**Go to step 1****OK****REPLACE ALL SRS COMPONENTS INCLUDING THE WIRE HARNESS**