

DTC B1186/58 OPEN IN P SQUIB (2ND STEP) CIRCUIT

CIRCUIT DESCRIPTION

The P squib (2nd step) 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 B1186/58 is recorded when an open is detected in the P squib (2nd step) circuit.

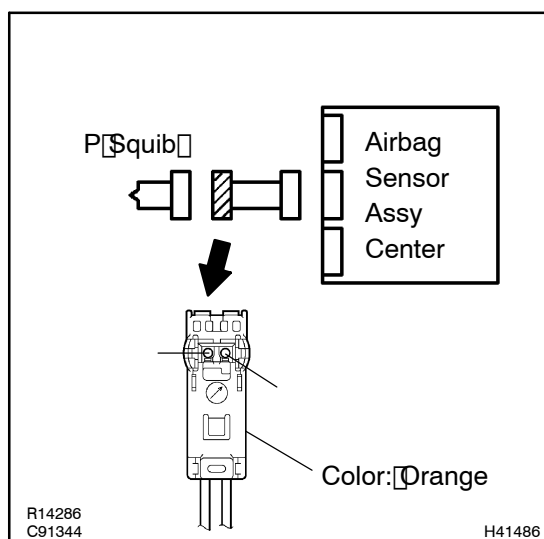
DTC No.	DTC Detecting Condition	Trouble Area
B1186/58	<ul style="list-style-type: none"> Open circuit in P2+ wire harness or P2- wire harness of squib (2nd step) P squib (2nd step) malfunction Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> instr pnl pass l/door airbag assy (P squib, 2nd step) Airbag sensor assy center Instrument panel wire

WIRING DIAGRAM

See page 05-948.

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.
- For the orange 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 resistance between P2+ and P2-.

OK:

Resistance: Below 1 Ω

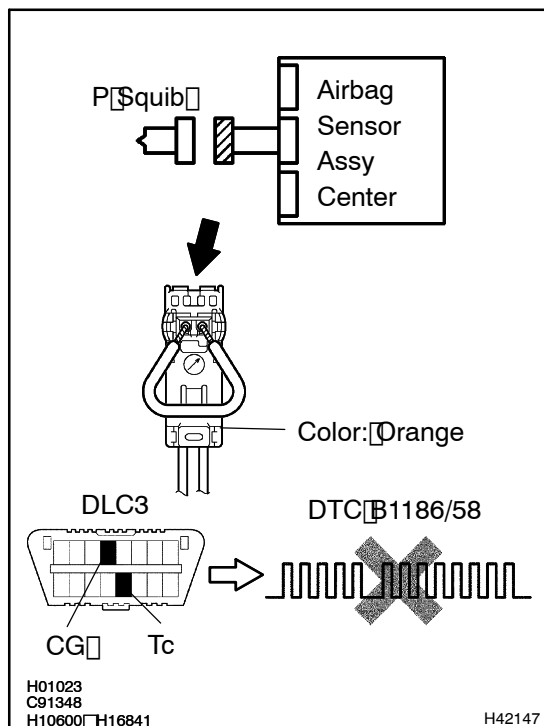
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REPAIR OR REPLACE WIRE HARNESS (AIRBAG SENSOR ASSY CENTER - INSTR PNL PASS L/DOOR AIRBAG ASSY)

OK

2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Connect the connector to the airbag sensor assy center.
- Using a service wire, connect P2+ and P2- of the orange connector (on the instrnl pass/door airbag assy side) between the airbag sensor assy center and the instrnl 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).

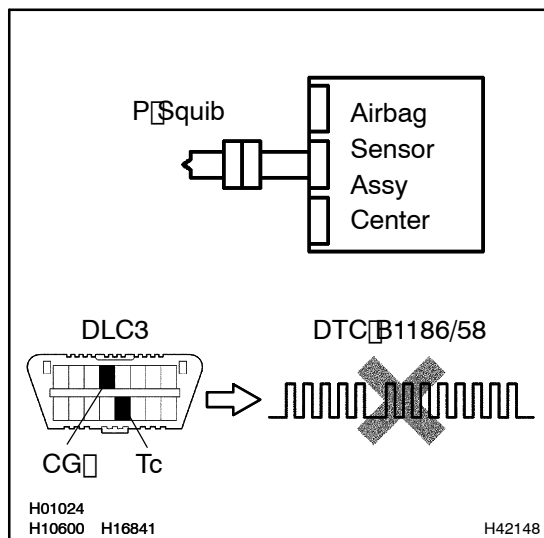
OK:**DTC B1186/58 is not output.****HINT:**

Codes other than code B1186/58 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 air bag 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 B1186/58 is not output.****HINT:**

Codes other than code B1186/58 may be output at this time, but they are not relevant to this check.

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REPLACE INSTR PNL PASS L/DOOR AIR BAG ASSY
OK
USE SIMULATION METHOD TO CHECK