

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

The P squib (2nd step) circuit consists of the airbag sensor assy center and the instrument panel passenger airbag assy.

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

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

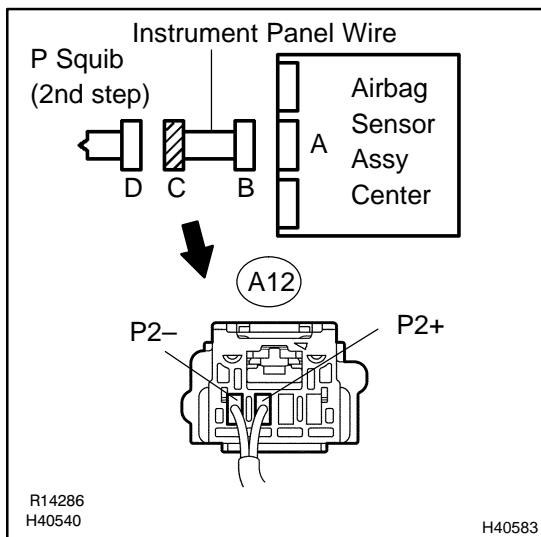
DTC No.	DTC Detecting Condition	Trouble Area
B1186/58	<ul style="list-style-type: none"> • Open circuit in P2+ wire harness or P2- wire harness of P squib (2nd step) • P squib (2nd step) malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Instrument panel passenger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

WIRING DIAGRAM

See page 05-564.

INSPECTION PROCEDURE

1	CHECK INSTRUMENT PANEL WIRE(P SQUIB CIRCUIT (2ND STEP))
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- (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 airbag sensor assy center and the instrument panel passenger airbag assy.
- (d) Measure the resistance according to the value(s) in the table below.

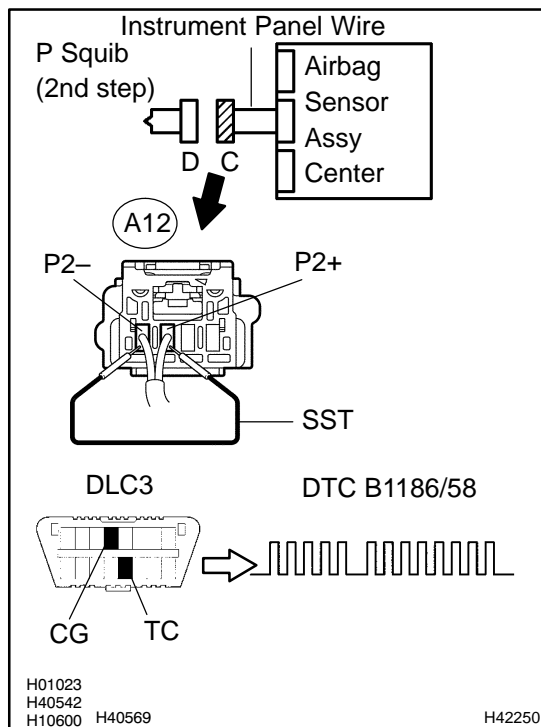
Standard:

Tester connection (Connector "C")	Condition	Specified condition
A12-3 (P2+) - A12-4 (P2-)	Always	Below 1 V

NG	REPAIR OR REPLACE INSTRUMENT PANEL WIRE
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OK

2 CHECK AIR BAG SENSOR ASSY CENTER



- (a) Connect the connector to the airbag sensor assy center.
- (b) Using SST, connect terminals P2+ and P2- of connector "C".

SST 09843-18040

NOTICE:

Do not forcibly insert SST into the terminals of the connector when connecting.

- (c) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (d) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (e) Clear the stored DTCs in the memory (See page [05-453](#)).
- (f) Turn the ignition switch to the LOCK position.
- (g) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (h) Check the DTCs (See page [05-453](#)).

OK:

DTC B1186/58 is not output.

HINT:

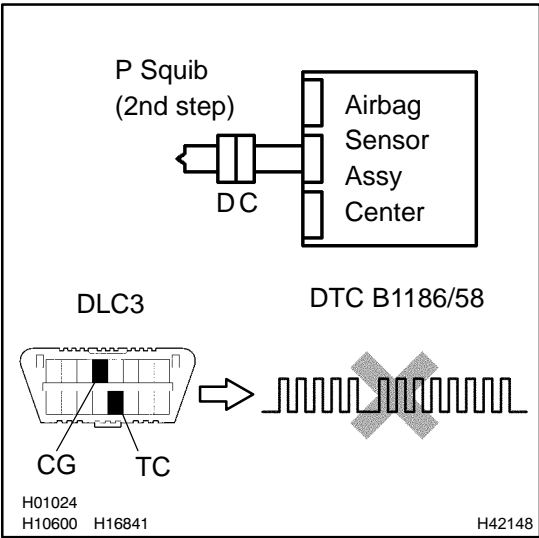
Codes other than code B1186/58 may be output at this time, but they are not related to this check.

NG

REPLACE AIR BAG SENSOR ASSY CENTER

OK

3 CHECK INSTRUMENT PANEL PASSENGER AIR BAG ASSY(P SQUIB, 2ND STEP)



- (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 SST from the connector "C".
- (d) Connect the connector to the instrument panel passenger airbag assy.
- (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 05-453).
- (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 the DTCs (See page 05-453).

OK:
DTC B1186/58 is not output.

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

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

OK

USE SIMULATION METHOD TO CHECK