

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

The P squib (Dual stage - 2nd step) circuit consists of the airbag sensor assy center and the front passenger airbag assy.

The 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 (Dual stage - 2nd step) circuit.

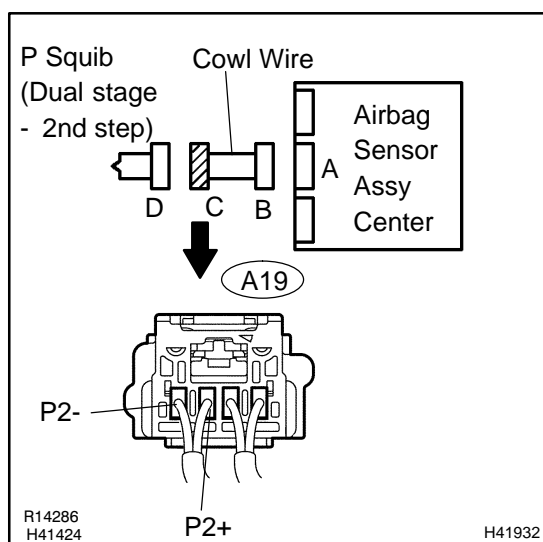
DTC No.	DTC Detecting Condition	Trouble Area
B1186/58	<ul style="list-style-type: none"> Open circuit in P2+ wire harness or P2- wire harness of P squib (Dual stage - 2nd step) P squib (Dual stage - 2nd step) malfunction Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> Front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

WIRING DIAGRAM

see page 05-1434 .

INSPECTION PROCEDURE

1	CHECK COWL WIRE(P SQUIB, DUAL STAGE - 2ND STEP CIRCUIT)
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- Turn the ignition switch to the LOCK position
- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Disconnect the connectors from the airbag sensor assy center and the front passenger airbag assy.
- Measure the resistance according to the value(s) in the table below.

Standard:

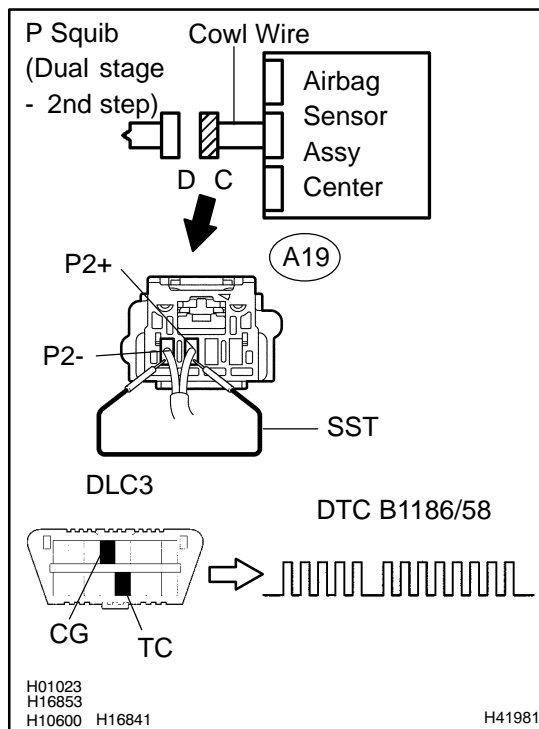
Tester connection	Condition	Specified condition
A19-3 (P2+) - A19-4 (P2-)	Always	Below 1 Ω

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REPAIR OR REPLACE COWL WIRE

OK

2 CHECK AIR BAG SENSOR ASSY CENTER



- Connect the connector to the airbag sensor assy center.
- Using SST, connect A19-3 (P2+) and A19-4 (P2-) of connector "C".
SST 09843-18040
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Clear the DTCs stored in memory (see page 05-1215).
- Turn the ignition switch to the LOCK position.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Check the DTCs (see page 05-1215).

OK:

DTC B1186/58 is not output.

HINT:

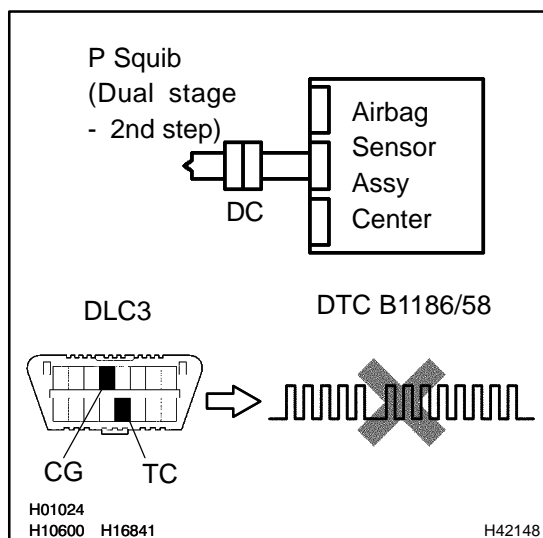
Codes other than code B1186/58 may be output at this time, but they are not related to this check.

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**REPLACE AIR BAG SENSOR ASSY CENTER
(SEE PAGE 60-53)**

OK

3 CHECK FRONT PASSENGER AIRBAG ASSY(P SQUIB, DUAL STAGE - 2ND STEP)



- Turn the ignition switch to the LOCK position.
- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Disconnect the SST from connector "C".
- Connect the connector to the front passenger airbag assy.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Clear the DTCs stored in memory (see page 05-1215).
- Turn the ignition switch to the LOCK position.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Check the DTCs (see page 05-1215).

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.

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**REPLACE FRONT PASSENGER AIRBAG ASSY
(SEE PAGE 60-29)**

OK

USE SIMULATION METHOD TO CHECK

HINT:

- Before performing the simulation method, check that the airbag sensor assy center is in check mode (see page 05-1218).
- Perform the simulation method by selecting the check mode with the hand-held tester (see page 05-1218).
- After selecting the check mode, perform the simulation method by wiggling each connector of the airbag system or driving the vehicle on a city or rough road (see page 05-1218).