

DTC	B1183/22	Short to B+ in Driver Side Squib 2nd Step Circuit
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DESCRIPTION

RS

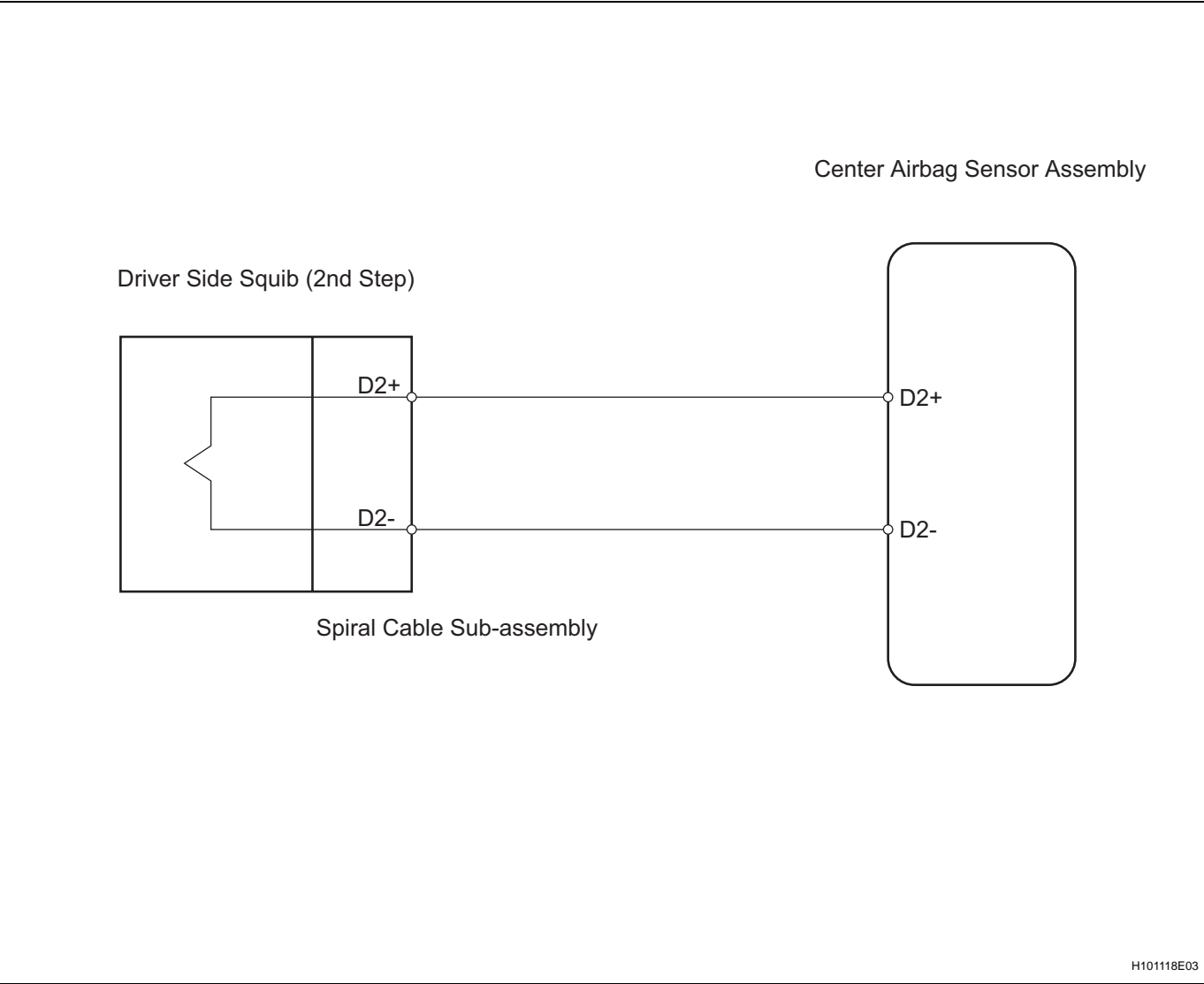
The driver side squib (2nd step) circuit consists of the center airbag sensor assembly, the spiral cable sub-assembly and the steering pad.

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

DTC B1183/22 is recorded when a short to B+ is detected in the driver side squib (2nd step) circuit.

DTC No.	DTC Detection Condition	Trouble Area
B1183/22	<ul style="list-style-type: none"><li>Short circuit in driver side squib (2nd step) wire harness (to B+)</li><li>Driver side squib (2nd step) malfunction</li><li>Spiral cable sub-assembly malfunction</li><li>Center airbag sensor assembly malfunction</li></ul>	<ul style="list-style-type: none"><li>Steering pad (driver side squib, 2nd step)</li><li>Spiral cable sub-assembly</li><li>Center airbag sensor assembly</li><li>Instrument panel wire</li></ul>

WIRING DIAGRAM

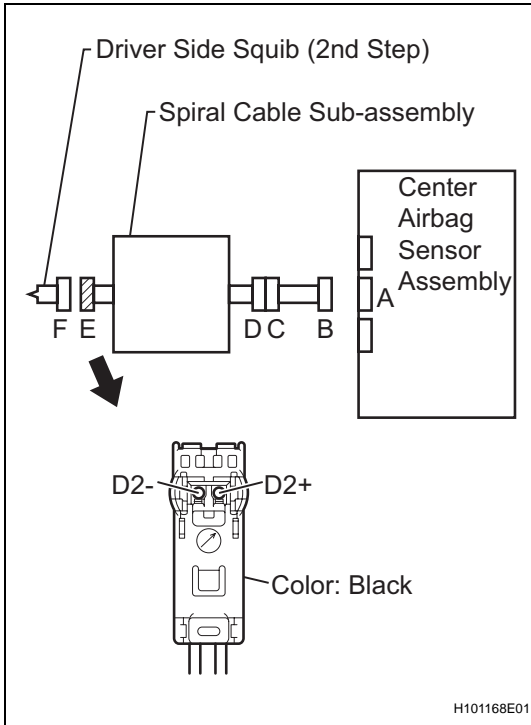


**1 CHECK DRIVER SIDE SQUIB CIRCUIT (CENTER AIRBAG SENSOR ASSEMBLY - STEERING PAD)**

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the center airbag sensor assembly and the steering pad.
- (d) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (e) Measure the voltage according to the value(s) in the table below.

**Standard voltage**

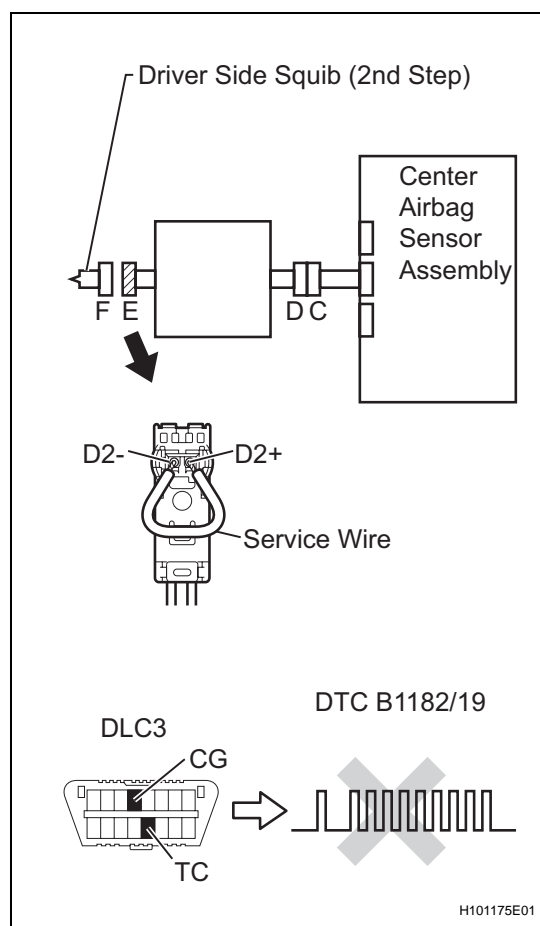
Tester Connection (Connector "E")	Condition	Specified Condition
D2+ - Body ground	Ignition switch ON	Below 1 V
D2- - Body ground		

**NG****Go to step 5****OK****2 CHECK CENTER AIRBAG SENSOR ASSEMBLY**

- (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) Connect the connector to the center airbag sensor assembly.

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OK

- (d) Using a service wire, connect terminals D2+ and D2- of connector "E".

**NOTICE:**

- **Twist the end of the service wire in order to insert to the connector,**
- **Do not forcibly insert the twisted service wire into the terminals of the connector when connecting.**

- (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 RS-21).
- (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 for the DTCs (see page RS-21).

**OK:**

**DTC B1183/22 is not output.**

**HINT:**

Codes other than code B1183/22 may be output at this time, but they are not related to this check.

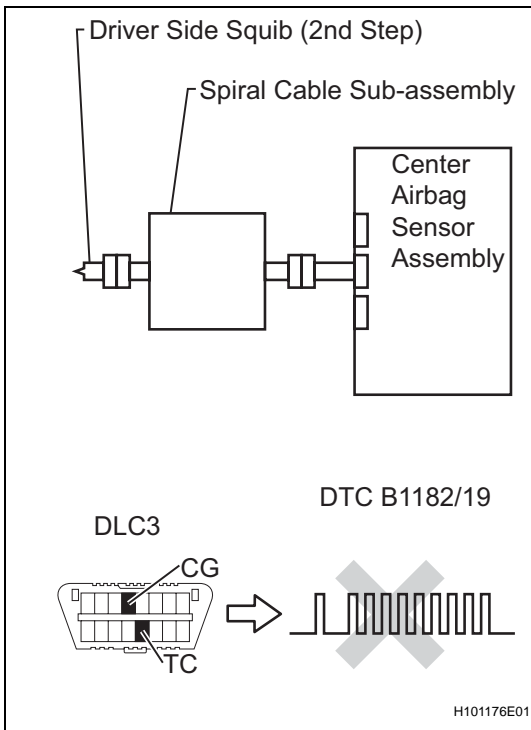
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**REPLACE CENTER AIRBAG SENSOR ASSEMBLY**

3

**CHECK STEERING PAD (DRIVER SIDE 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 service wire from the connector "E".
- (d) Connect the connectors to the steering pad.
- (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 RS-21).
- (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.



OK

- (j) Check for the DTCs (see page RS-21).

OK:

**DTC B1183/22 is not output.**

HINT:

Codes other than code B1183/22 may be output at this time, but they are not related to this check.

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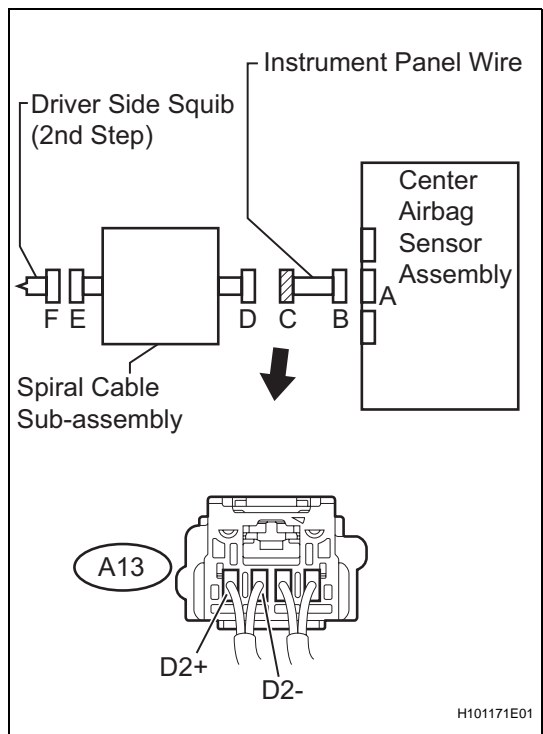
**REPLACE STEERING PAD**

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**PROBLEM SYMPTOMS SIMULATION****4****CHECK INSTRUMENT PANEL WIRE**

- 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 instrument panel wire connectors from the spiral cable sub-assembly.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

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(e) Measure the voltage according to the value(s) in the table below.

**Standard voltage**

Tester Connection (Connector "C")	Condition	Specified Condition
A13-4 (D2+) - Body ground	Ignition switch ON	Below 1 V
A13-3 (D2-) - Body ground		

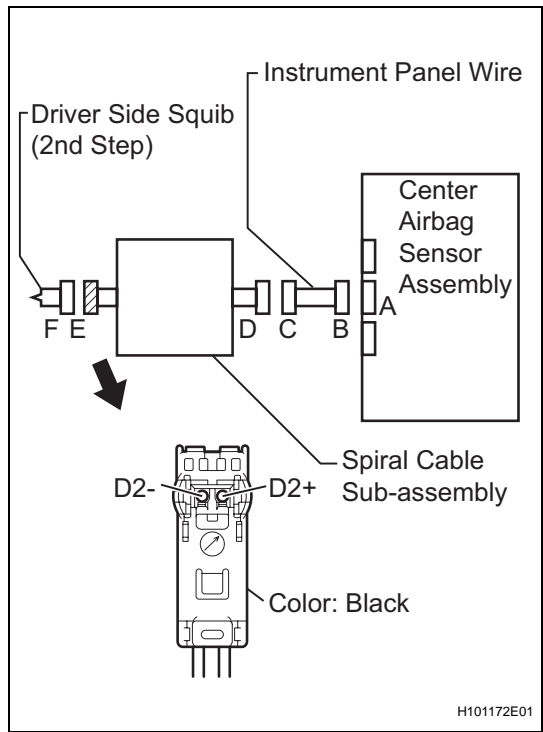
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**REPAIR OR REPLACE INSTRUMENT PANEL WIRE**

OK

**5**

**CHECK SPIRAL CABLE SUB-ASSEMBLY**



(a) Measure the voltage according to the value(s) in the table below.

**Standard voltage**

Tester Connection (Connector "E")	Condition	Specified Condition
D2+ - Body ground	Ignition switch ON	Below 1 V
D2- - Body ground		

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**REPLACE SPIRAL CABLE SUB-ASSEMBLY**

OK

**PROBLEM SYMPTOMS SIMULATION**