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| DTC | B1181/18 | Open in Driver Side Squib 2nd Step Circuit |
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DESCRIPTION

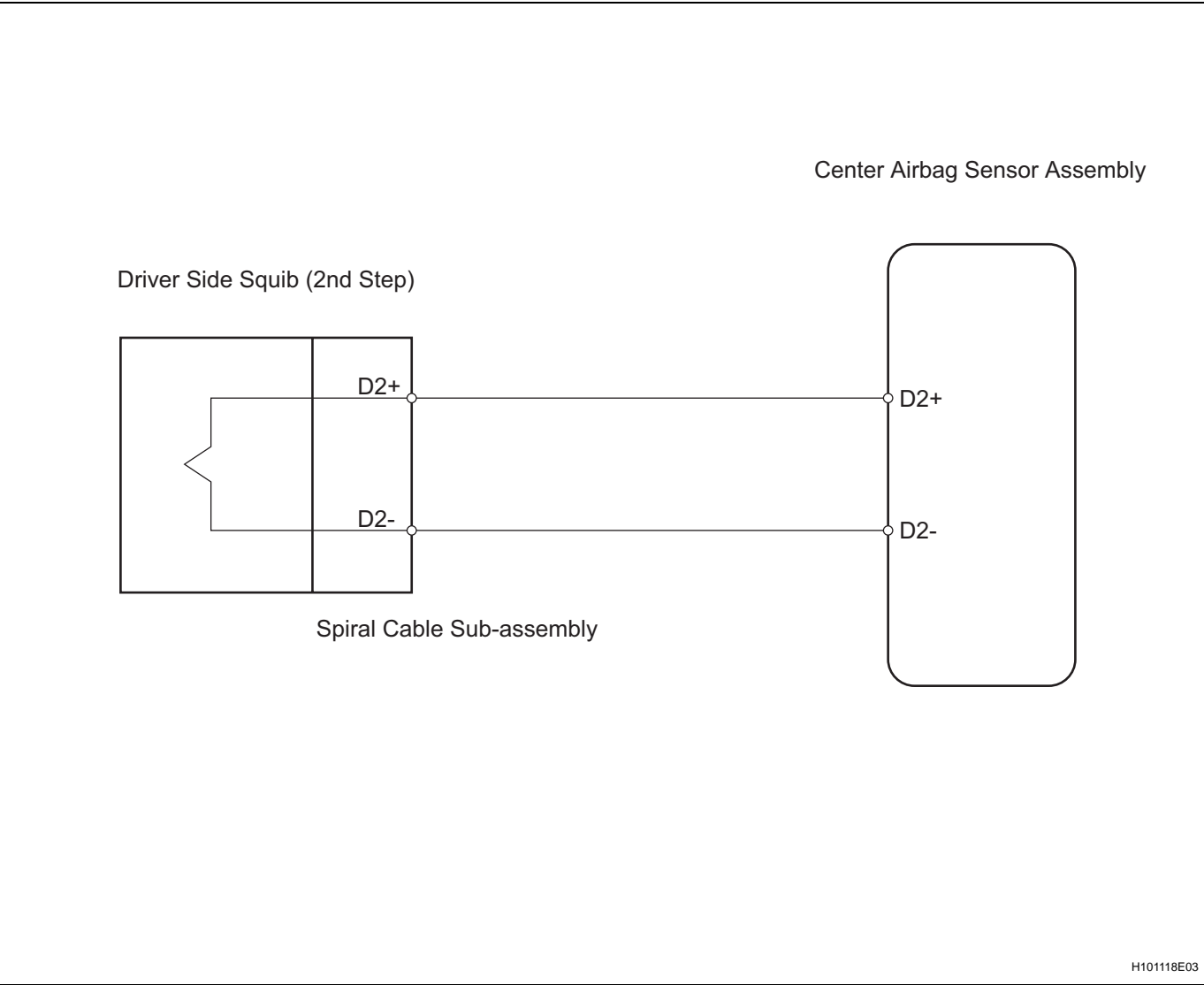
The driver side squib (2nd step) circuit consists of the center airbag sensor assembly, the spiral cable sub-assembly and the steering pad.

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

DTC B1181/18 is recorded when an open circuit is detected in the driver side squib (2nd step) circuit.

| DTC No. | DTC Detection Condition | Trouble Area |
|----------|---|--|
| B1181/18 | <ul style="list-style-type: none">Open circuit in D2+ wire harness or D2- wire harness of driver side squib (2nd step)Driver side squib (2nd step) malfunctionSpiral cable sub-assembly malfunctionCenter airbag sensor assembly | <ul style="list-style-type: none">Steering pad (driver side squib, 2nd step)Spiral cable sub-assemblyCenter airbag sensor assemblyInstrument panel wire |

WIRING DIAGRAM

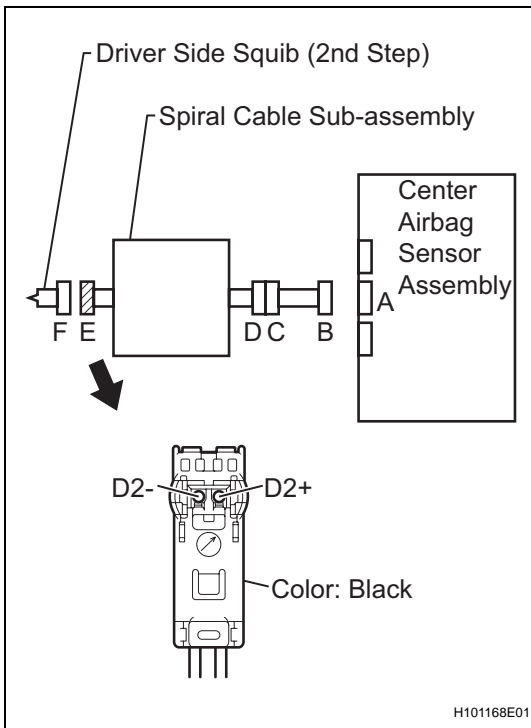


1**CHECK DRIVER SIDE SQUIB CIRCUIT (CENTER AIRBAG SENSOR ASSEMBLY - STEERING PAD)**

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the 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) Measure the resistance according to the value(s) in the table below.

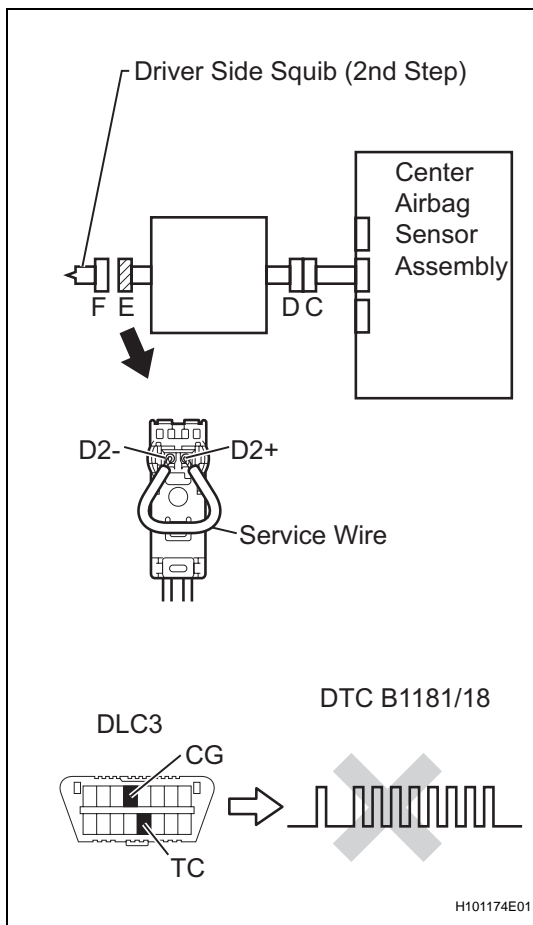
Standard resistance

| Tester Connection (Connection "E") | Specified Condition |
|------------------------------------|---------------------|
| D2+ - D2- | Below 1 Ω |

NG**Go to step 4****OK****2****CHECK CENTER AIRBAG SENSOR ASSEMBLY**

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

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

NOTICE:

- **Twist the end of the service wire in order to the connector.**
- **Do not forcibly insert the twisted service wire 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 RS-21).
- (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 for the DTCs (see page RS-21).

OK:

DTC B1181/18 is not output.

HINT:

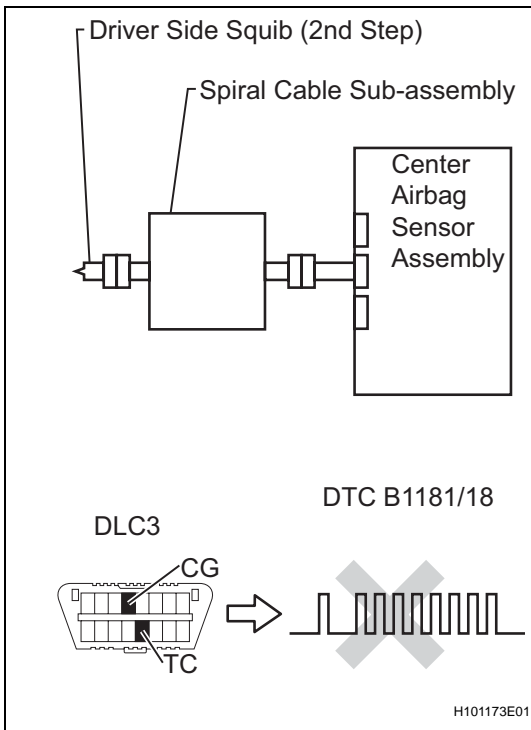
Codes other than code B1181/18 may be output at this time, but they are not related to this check.

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REPLACE CENTER AIRBAG SENSOR ASSEMBLY

OK**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) Connect the connectors to the steering pad.
- (d) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (e) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (f) Clear the stored DTCs in the memory (see page RS-21).
- (g) Turn the ignition switch to the LOCK position.
- (h) Turn the ignition switch to the ON position, and wait for at least 60 seconds.



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

OK:

DTC B1181/18 is not output.

HINT:

Codes other than code B1181/18 may be output at this time, but they are not related to this check.

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REPLACE STEERING PAD

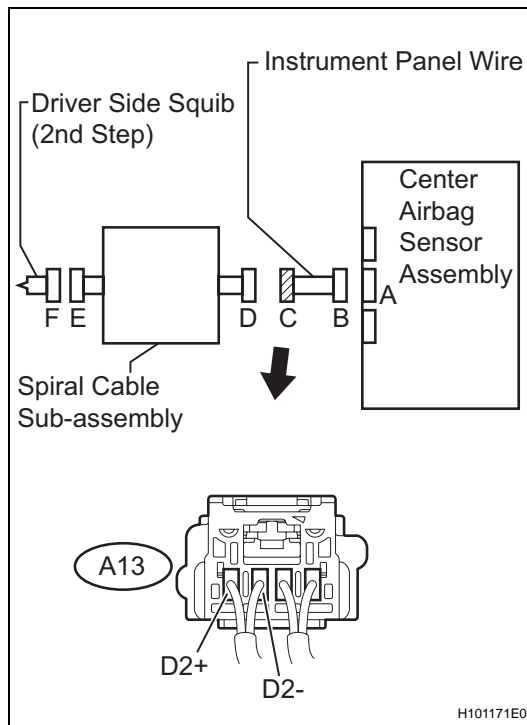
RS

OK

PROBLEM SYMPTOMS SIMULATION

4

CHECK INSTRUMENT PANEL WIRE



- (a) Disconnect the instrument panel wire connector from the spiral cable sub-assembly.

- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

| Tester Connection (Connector "C") | Specified Condition |
|-----------------------------------|---------------------|
| A13-4 (D2+) - A13-3 (D2-) | Below 1 Ω |

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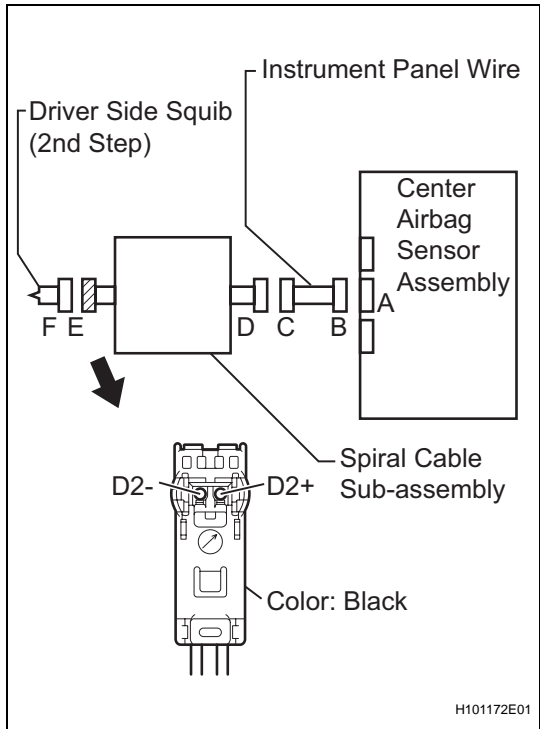
REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK

5

CHECK SPIRAL CABLE CUB-ASSEMBLY

RS



OK

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

| Standard resistance | |
|-----------------------------------|---------------------|
| Tester Connection (Connector "E") | Specified Condition |
| D2+ - D2- | Below 1 Ω |

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REPLACE SPIRAL CABLE SUB-ASSEMBLY

PROBLEM SYMPTOMS SIMULATION