

<b>DTC</b>	<b>B0100/13</b>	<b>SHORT IN D SQUIB CIRCUIT</b>
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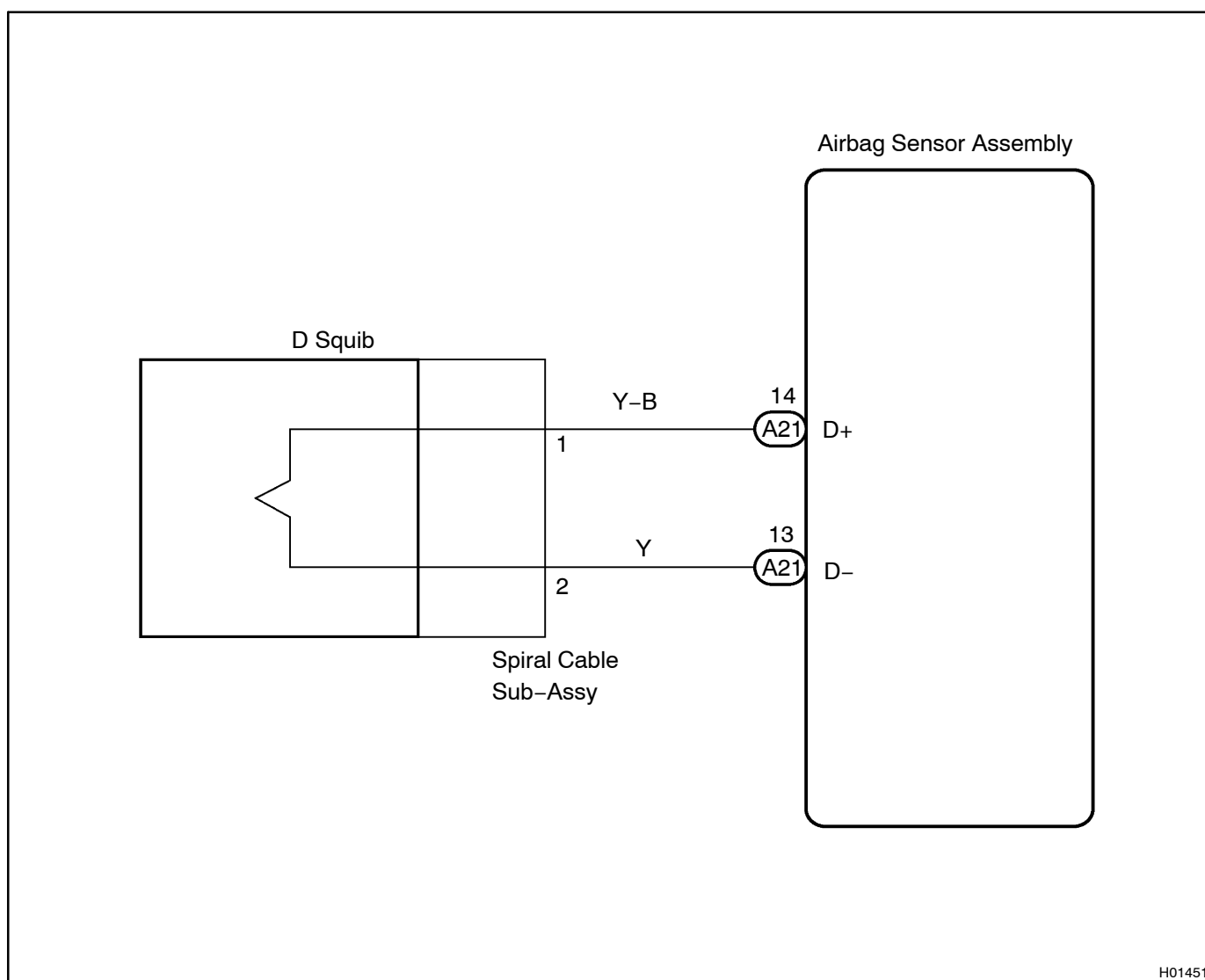
## CIRCUIT DESCRIPTION

The D squib circuit consists of the airbag sensor assy center, spiral cable sub-assy and horn button assy. It causes the SRS to deploy when the SRS deployment conditions are satisfied.

DTC B0100/13 is recorded when a short is detected in the D squib circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B0100/13	<ul style="list-style-type: none"> <li>• Short circuit between D+ wire harness and D- wire harness of squib</li> <li>• D squib malfunction</li> <li>• Spiral cable sub-assy malfunction</li> <li>• Airbag sensor assy center malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Horn button assy (D squib)</li> <li>• Spiral cable sub-assy</li> <li>• Airbag sensor assy center</li> <li>• Instrument panel wire</li> </ul>

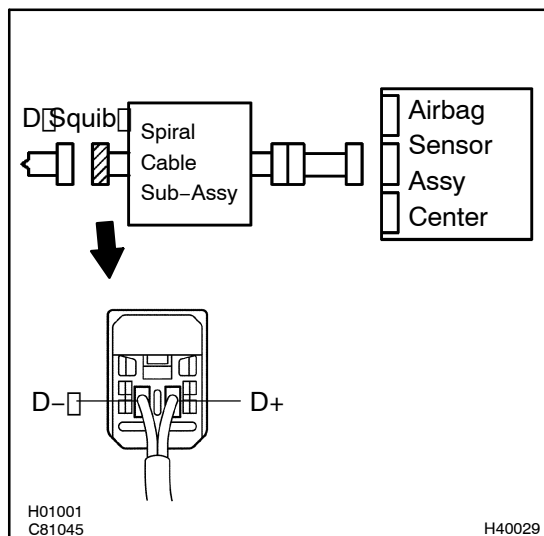
## WIRING DIAGRAM



H01451

## INSPECTION PROCEDURE

## 1 CHECK D+ SQUIB CIRCUIT



- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Disconnect the connectors between the airbag sensor assembly center and the horn button assembly.
- Release the airbag activation prevention mechanism of the connector (on the airbag sensor assembly center side) between the airbag sensor assembly center and the spiral cable sub-assembly (See page 05-403).
- For the connector (on the spiral cable sub-assembly side) between the spiral cable sub-assembly and the horn button assembly, measure the resistance between D+ and D-.

OK:

Resistance: 1 MΩ or Higher

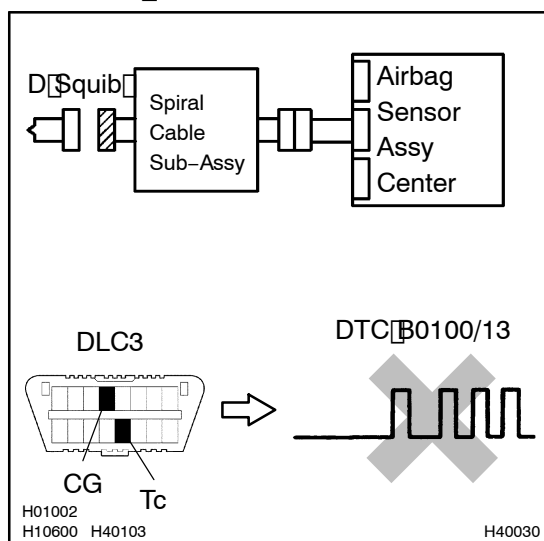
NG

Go to step 4

OK

## 2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Connect the connector to the airbag sensor assembly center.
- 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 05-403).
- 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 05-403).

OK:

DTC B0100/13 is not output.

HINT:

Codes other than code B0100/13 may be output at this time, but they are not relevant to this check.

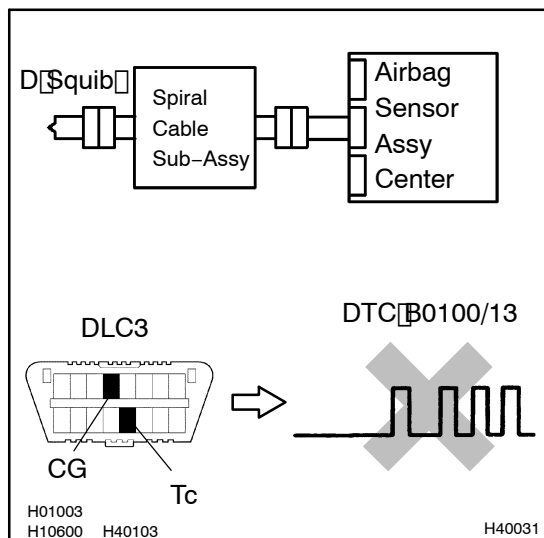
NG

REPLACE AIR BAG SENSOR ASSY CENTER

OK

### 3 CHECK D 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 horn button assy connector.
- 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 05-403).
- 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 05-403).

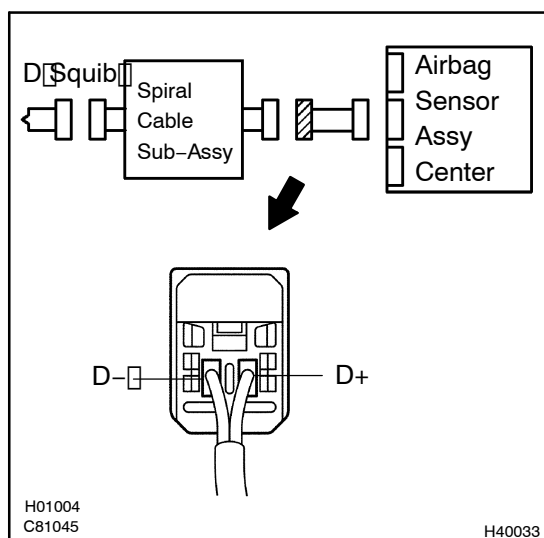
**OK:****DTC B0100/13 is not output.****HINT:**

Codes other than code B0100/13 may be output at this time, but they are not relevant to this check.

**NG****REPLACE HORN BUTTON ASSY****OK**

### USE SIMULATION METHOD TO CHECK

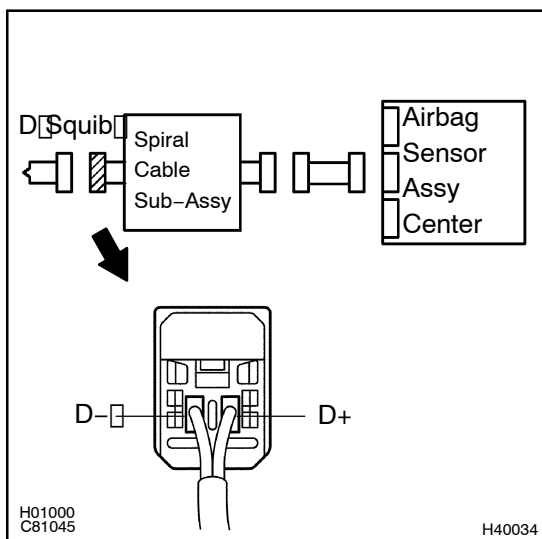
### 4 CHECK INSTRUMENT PANEL WIRE



- Disconnect the connector of the instrument panel wire.
- Release the airbag activation prevention mechanism of the spiral cable sub-assy connector on the airbag sensor assy center side (See page 05-403).
- For the connector (on the spiral cable sub-assy side) between the airbag sensor assy center and the spiral cable sub-assy, measure the resistance between D+ and D-.

**OK:****Resistance: 1 MΩ or Higher****NG****REPAIR OR REPLACE INSTRUMENT PANEL WIRE****OK**

## 5 CHECK SPIRAL CABLE SUB-ASSY



- Release the airbag activation prevention mechanism of the connector (on the airbag sensor Assy center side) between the airbag sensor Assy center and the spiral cable sub-assy (See page 05-403).
- For the connector (on the Spiral cable sub-assy side) between the horn button Assy and the spiral cable sub-assy, measure the resistance between D+ and D-.

**OK:**

**Resistance: 1 MΩ or Higher**

**NG**

**REPLACE SPIRAL CABLE SUB-ASSY**

**OK**

**USE SIMULATION METHOD TO CHECK**