RS

DTC	B1810/53	Short in Driver Side Squib 2nd Step Circuit
DTC	B1811/53	Open in Driver Side Squib 2nd Step Circuit
DTC	B1812/53	Short to GND in Driver Side Squib 2nd Step Cir- cuit
DTC	B1813/53	Short to B+ in Driver Side Squib 2nd Step Cir- cuit

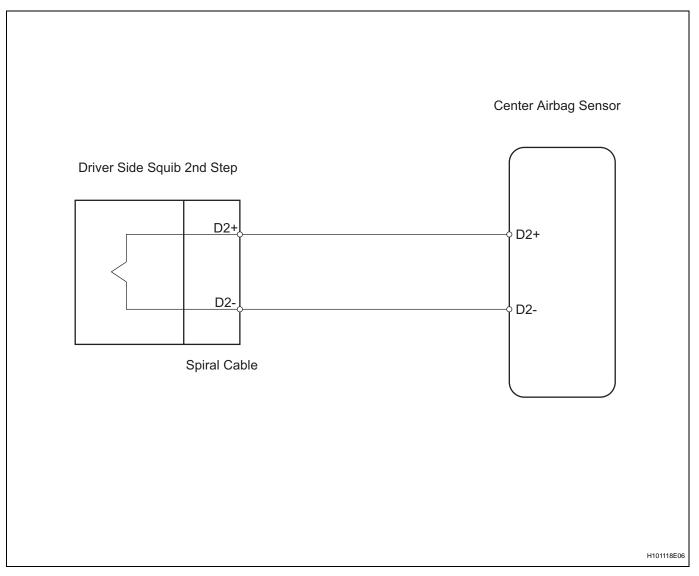
# DESCRIPTION

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

The circuit instructs the SRS to deploy when the deployment conditions are met. These DTCs are recorded when a malfunction is detected in the driver side squib 2nd step circuit.

DTC No.	DTC Detection Condition	Trouble Area
B1810/53	Center airbag sensor receives a line short signal 5 times in the driver side squib 2nd step circuit during primary check.	<ul> <li>Instrument panel wire</li> <li>Spiral cable</li> <li>Steering pad (Driver side squib 2nd step)</li> <li>Center airbag sensor</li> </ul>
B1811/53	Center airbag sensor receives an open signal in the driver side squib 2nd step circuit for 2 seconds.	<ul> <li>Instrument panel wire</li> <li>Spiral cable</li> <li>Steering pad (Driver side squib 2nd step)</li> <li>Center airbag sensor</li> </ul>
B1812/53	Center airbag sensor assembly receives a short circuit to ground signal in the driver side 2nd step circuit for 0.5 seconds.	<ul> <li>Instrument panel wire</li> <li>Spiral cable</li> <li>Steering pad (Driver side squib 2nd step)</li> <li>Center airbag sensor</li> </ul>
B1813/53	Center airbag sensor assembly receives a short circuit to B+ signal in the driver side squib 2nd step circuit for 0.5 seconds.	<ul> <li>Instrument panel wire</li> <li>Spiral cable</li> <li>Steering pad (Driver side squib 2nd step)</li> <li>Center airbag sensor</li> </ul>

### WIRING DIAGRAM

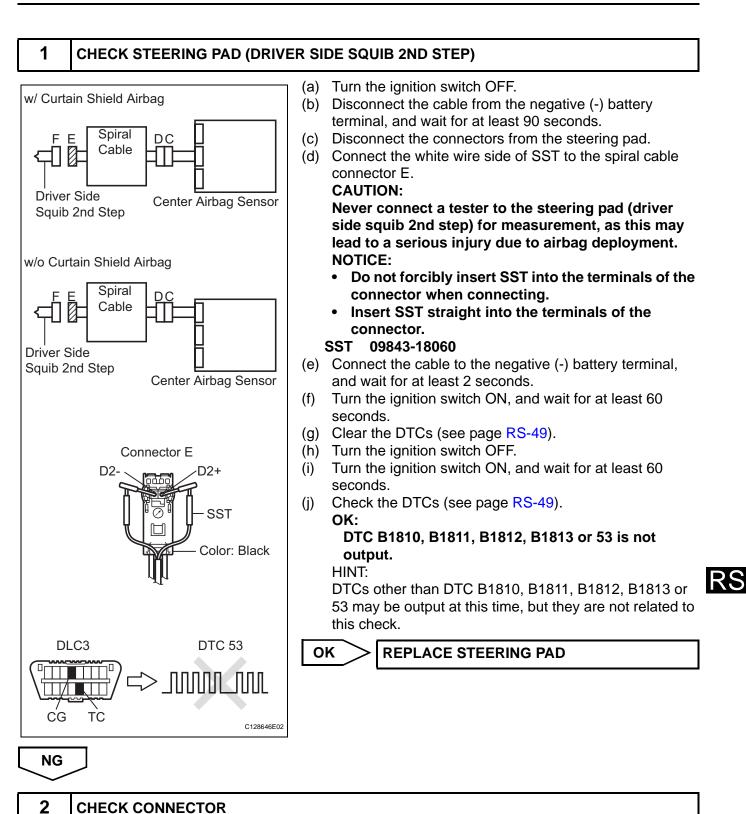


# **INSPECTION PROCEDURE**

HINT:

RS

- Perform the simulation method by selecting the "CHECK MODE" (signal check) with the intelligent tester (see page RS-52).
- After selecting the "CHECK MODE" (signal check), perform the simulation method by wiggling each connector of the airbag system or driving the vehicle on a city or rough road (see page RS-52).



# (a) Turn the ignition switch OFF.

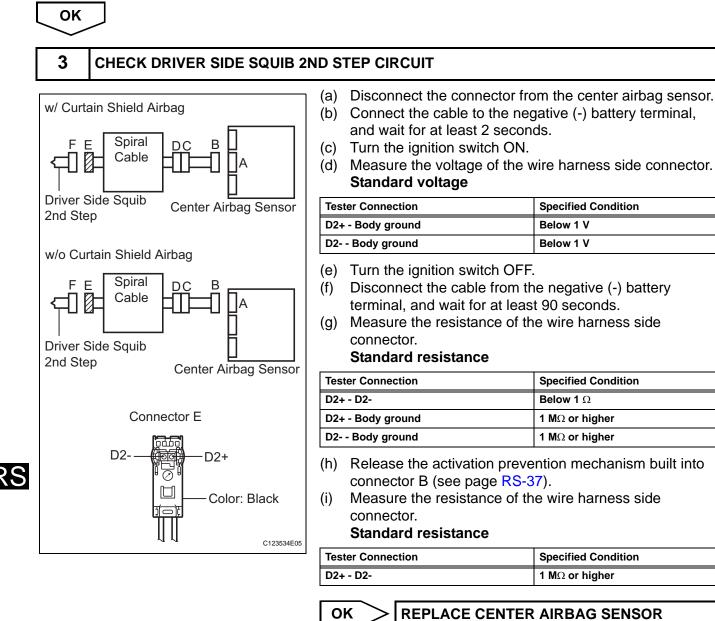
- (b) Disconnect the cable from the negative (-) battery terminal, and wait for at least 90 seconds.
- (c) Disconnect SST from the spiral cable.
- (d) Check that the spiral cable connector (on the steering pad side) is not damaged.

#### OK:

Lock button is not disengaged, and claw of lock is not deformed or damaged.

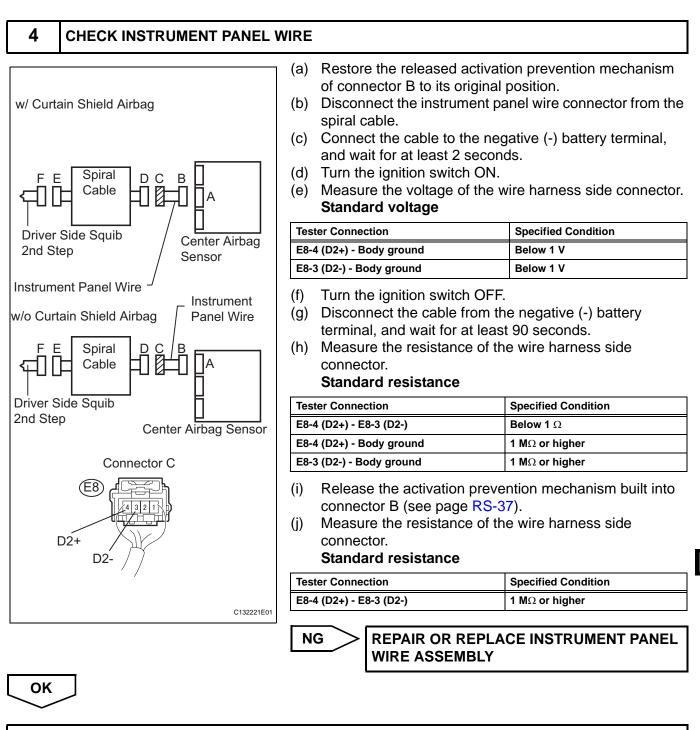


**REPLACE SPIRAL CABLE** 



ASSEMBLY

OK



**REPLACE SPIRAL CABLE**