DTC	B1805/52	Short in Front Passenger Side Squib Circuit
DTC	B1806/52	Open in Front Passenger Side Squib Circuit
DTC	B1807/52	Short to GND in Front Passenger Side Squib Circuit
DTC	B1808/52	Short to B+ in Front Passenger Side Squib Cir- cuit

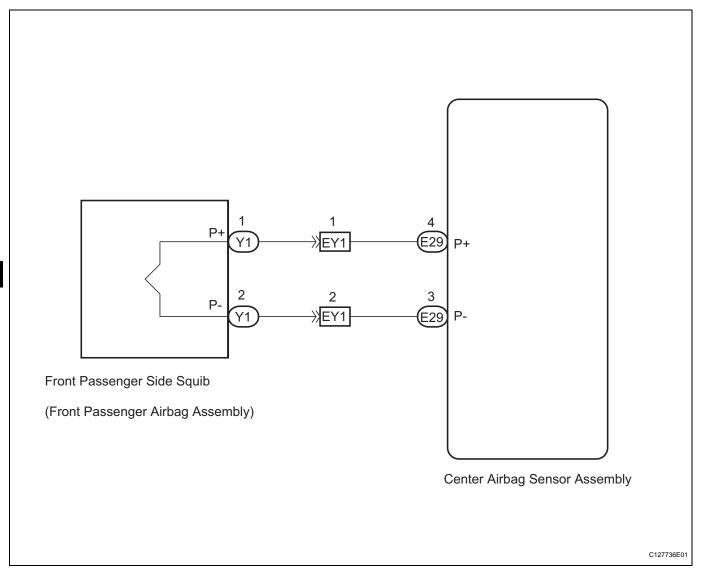
DESCRIPTION

The front passenger side squib circuit consists of the center airbag sensor assembly and the front passenger airbag assembly.

The circuit signals the SRS to deploy when deployment conditions are met. These DTCs are recorded when a malfunction is detected in the front passenger side squib circuit.

DTC No.	DTC Detection Condition	Trouble Area
B1805/52	 Center airbag sensor assembly detects line short circuit signal in front passenger side squib circuit 5 times during primary check. Front passenger side squib malfunction Center airbag sensor assembly malfunction 	 Instrument panel wire Instrument panel wire assembly Front passenger airbag assembly (Front passenger side squib) Center airbag sensor assembly
B1806/52	 Center airbag sensor assembly detects open circuit signal in front passenger side squib circuit for 2 seconds. Front passenger side squib malfunction Center airbag sensor assembly malfunction 	 Instrument panel wire Instrument panel wire assembly Front passenger airbag assembly (Front passenger side squib) Center airbag sensor assembly
B1807/52	 Center airbag sensor assembly detects short circuit to ground signal in front passenger side squib circuit for 0.5 seconds. Front passenger side squib malfunction Center airbag sensor assembly malfunction 	 Instrument panel wire Instrument panel wire assembly Front passenger airbag assembly (Front passenger side squib) Center airbag sensor assembly
B1808/52	 Center airbag sensor assembly detects short circuit to B+ signal in front passenger side squib circuit for 0.5 seconds. Front passenger side squib malfunction Center airbag sensor assembly malfunction 	 Instrument panel wire Instrument panel wire assembly Front passenger airbag assembly (Front passenger side squib) Center airbag sensor assembly

WIRING DIAGRAM



INSPECTION PROCEDURE

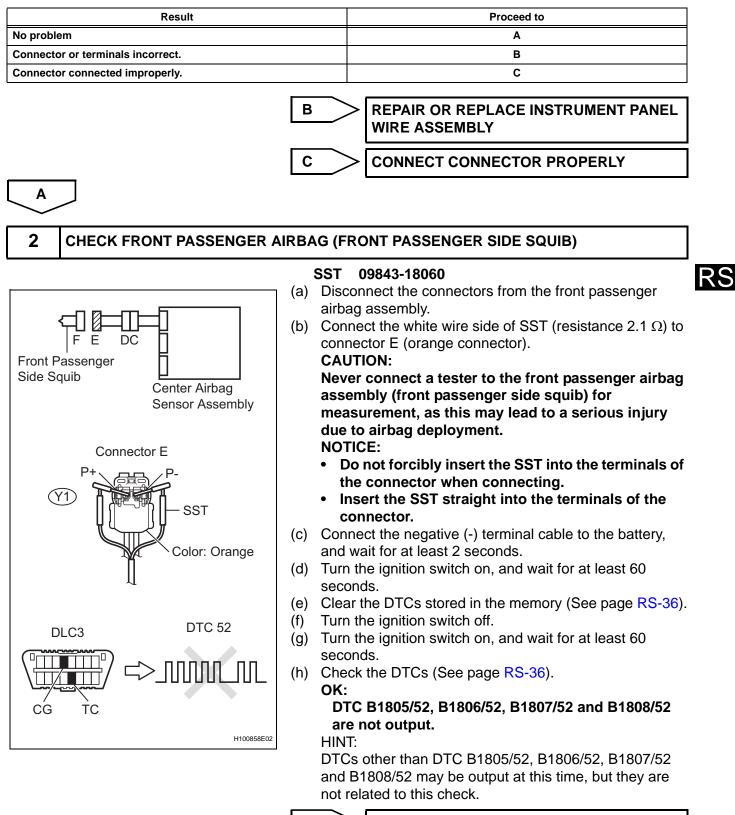
HINT:

- Perform the simulation method by selecting CHECK MODE (signal check) with the intelligent tester (See page RS-39).
- After selecting 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-29).

1 CHECK CONNECTOR (FRONT PASSENGER AIRBAG - INSTRUMENT PANEL WIRE ASSEMBLY)

- (a) Turn the ignition switch off.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Check the instrument panel wire assembly connector and terminals (on the front passenger airbag side) and the connector is properly connected to the front passenger airbag.

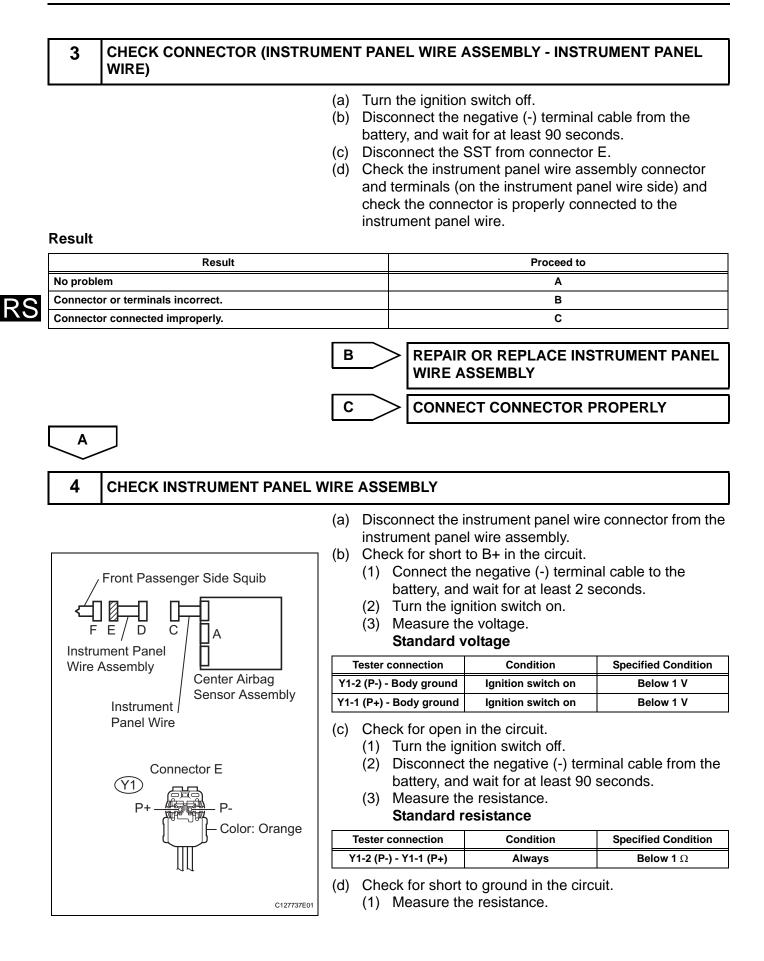




ок

REPLACE FRONT PASSENGER AIRBAG

NG



RS

Standard resistance

Tester connection	Condition	Specified Condition
Y1-2 (P-) - Body ground	Always	1 M Ω or higher
Y1-1 (P+) - Body ground	Always	1 M Ω or higher

- (e) Check for short in the circuit.
 - (1) Release the activation prevention mechanism built into connector D (See page RS-29).
 - (2) Measure the resistance. **Standard resistance**

Tester connection	Condition	Specified Condition
Y1-2 (P-) - Y1-1 (P+)	Always	1 M Ω or higher

(3) Restore the released activation prevention mechanism of connector D to the original condition.



REPAIR OR REPLACE INSTRUMENT PANEL WIRE ASSEMBLY

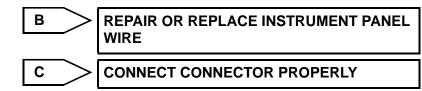
OK

5 CHECK CONNECTOR (INSTRUMENT PANEL WIRE - CENTER AIRBAG SENSOR ASSEMBLY)

- (a) Disconnect the connector from the center airbag sensor assembly.
- (b) Check the instrument panel wire connector and terminals (on the center airbag sensor assembly side) and check the connector is properly connected to the center airbag sensor assembly.

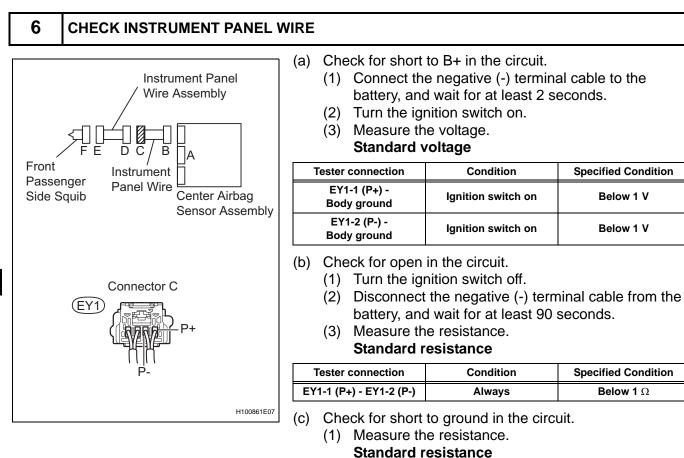
Result

Result	Proceed to
No problem	A
Connector or terminals incorrect.	В
Connector connected improperly.	C



Α

RS-182



Tester connection	Condition	Specified Condition
EY1-1 (P+) - Body ground	Always	1 M Ω or higher
EY1-2 (P-) - Body ground	Always	1 M Ω or higher

- (d) Check for short in the circuit.
 - (1) Release the activation prevention mechanism built into connector B (See page RS-29).
 - (2) Measure the resistance. **Standard resistance**

Tester connection	Condition	Specified Condition
EY1-1 (P+) - EY1-2 (P-)	Always	1 M Ω or higher

(3) Restore the released activation prevention mechanism of connector B to the original condition.



ОК

7	CHECK CENTER AIRBAG SENSOR ASSEMBLY
---	-------------------------------------

(a) Connect the instrument panel wire connector to the instrument panel wire assembly.

 RS



