

DTC	B0121/26	SEAT BELT BUCKLE SWITCH (RH) MALFUNCTION
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CIRCUIT DESCRIPTION

The seat belt buckle switch (RH) circuit consists of the airbag sensor assy center and front seat inner belt assy (RH).

DTC B0121/B0122/26 is recorded when a malfunction is detected in the seat belt buckle switch (RH) circuit.

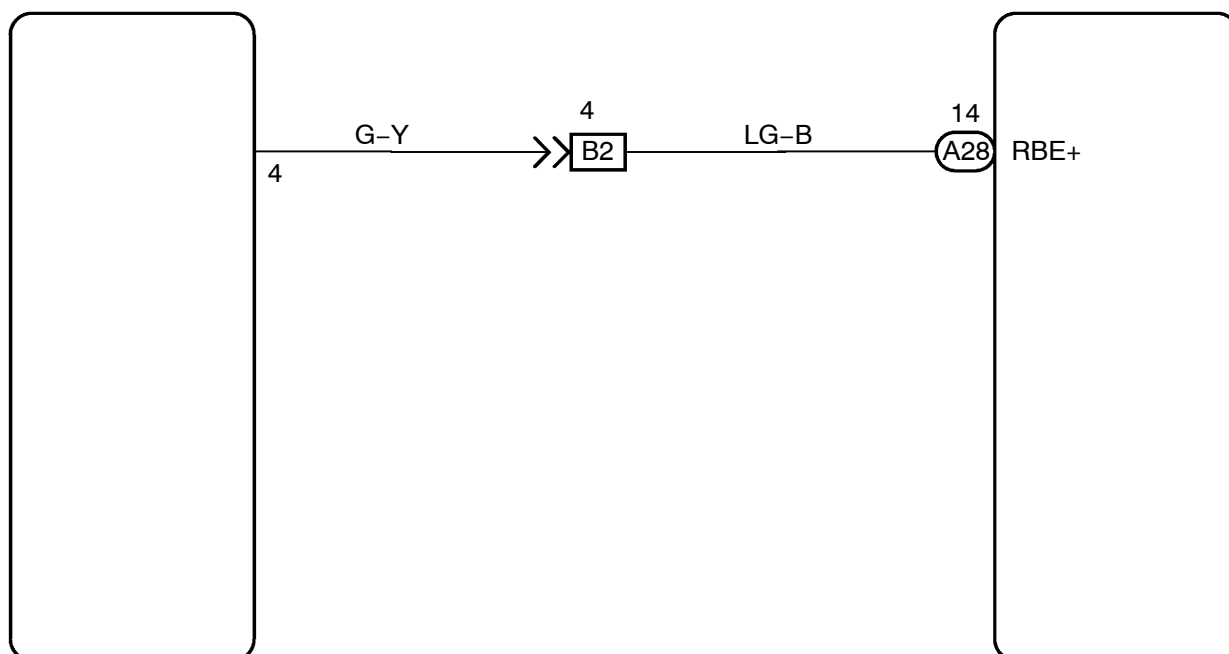
DTC No.	DTC Detecting Condition	Trouble Area
B0121/B0122/26	<ul style="list-style-type: none"> • Short circuit in RBE+ wire harness (to ground) • Short circuit in RBE+ wire harness (to B+) • Open circuit in RBE+ wire harness • Front seat inner belt assy (RH) malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Front seat inner belt assy (RH) • Airbag sensor assy center • Wire harness

WIRING DIAGRAM

RHD:

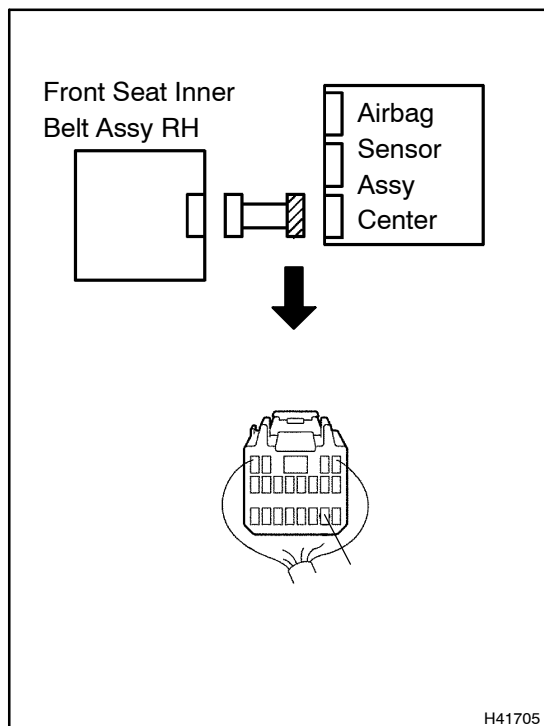
Seat Belt Buckle Switch (RH)

Airbag Sensor Assy Center

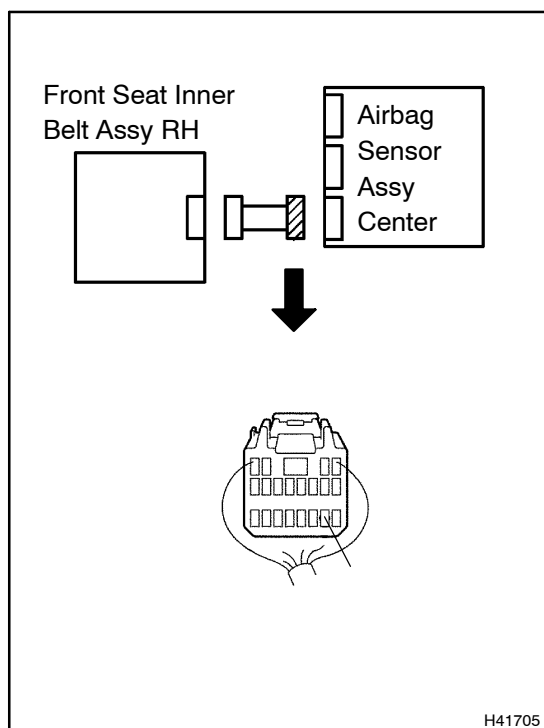


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INSPECTION PROCEDURE

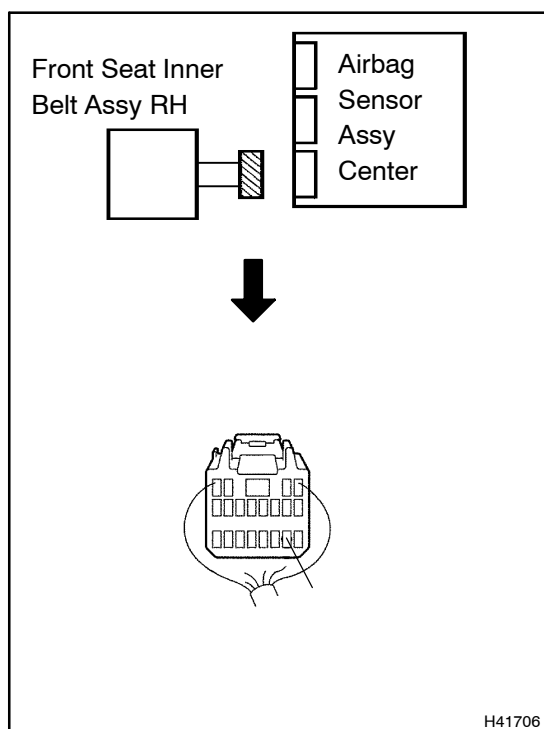
1 CHECK WIRE HARNESS(AIRBAG SENSOR ASSY CENTER - FRONT SEAT INNER BELT ASSY RH)

- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Disconnect the connector between the airbag sensor assy center and the front seat inner belt assy (RH).
- For the connector (on the airbag sensor assy center side) between the airbag sensor assy center and the front seat inner belt assy (RH), measure the resistance between RBE+ and body ground.

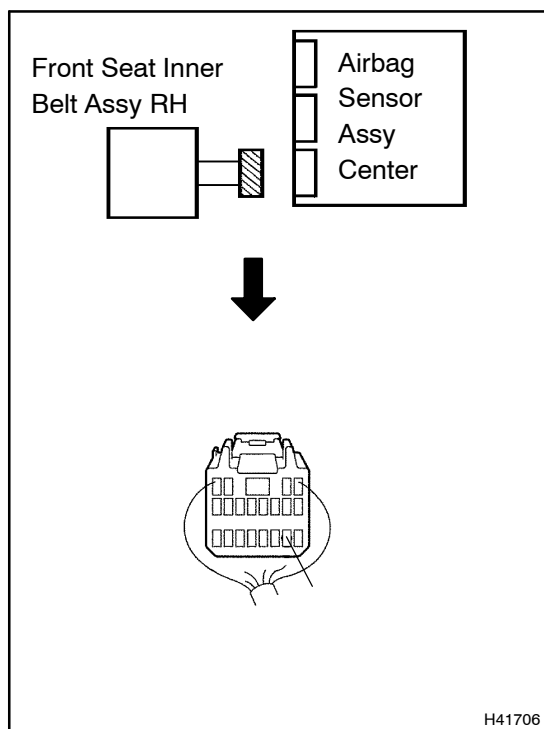
OK:**Resistance: 1 MΩ or Hogher****NG****REPAIR OR REPLACE WIRE HARNESS****OK****2 CHECK WIRE HARNESS(AIRBAG SENSOR ASSY CENTER - FRONT SEAT INNER BELT ASSY RH)**

- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON.
- For the connector (on the airbag sensor assy center side) between the airbag sensor assy center and the front seat inner belt assy (RH), measure the voltage between RBE+ and body ground.

OK:**Voltage: Below 1 V****NG****REPAIR OR REPLACE WIRE HARNESS****OK**

3 CHECK FRONT SEAT INNER BELT ASSY RH

- (a) Turn the ignition switch to LOCK.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- (c) Connect the connector of the front seat inner belt assy (RH).
- (d) Unlock the seat belt for the front seat RH.
- (e) For the connector (on the airbag sensor assy center side), measure the resistance between RBE+ and body ground.

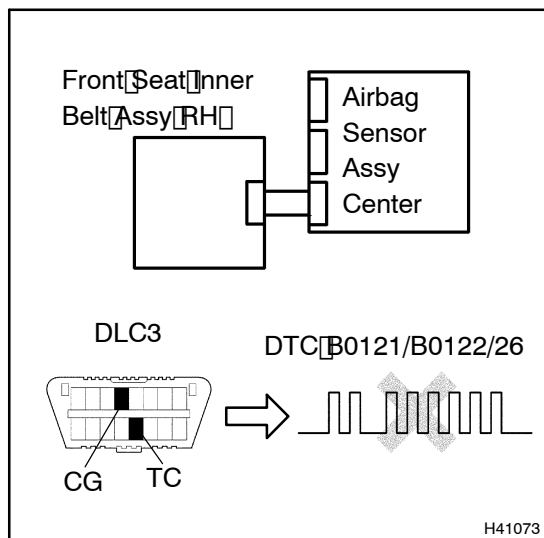
OK:**Resistance: 1.0 k Ω - 1.6 k Ω** **NG****REPLACE FRONT SEAT INNER BELT ASSY RH****OK****4 CHECK FRONT SEAT INNER BELT ASSY RH**

- (a) Lock the seat belt for the front seat RH.
- (b) For the connector (on the airbag sensor assy center side), measure the resistance between RBE+ and body ground.

OK:**Resistance: 100 Ω - 500 Ω** **NG****REPLACE FRONT SEAT INNER BELT ASSY RH****OK**

5 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Connect the connector to the airbag sensor assy 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 05-758).
- 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 05-758).

OK:**DTC B0121/B0122/26 is not output.****HINT:**

Codes other than code B0121/B0122/26 may be output at this time, but they are not relevant to this check.

NG**REPLACE AIR BAG SENSOR ASSY CENTER****OK****USE SIMULATION METHOD TO CHECK**