

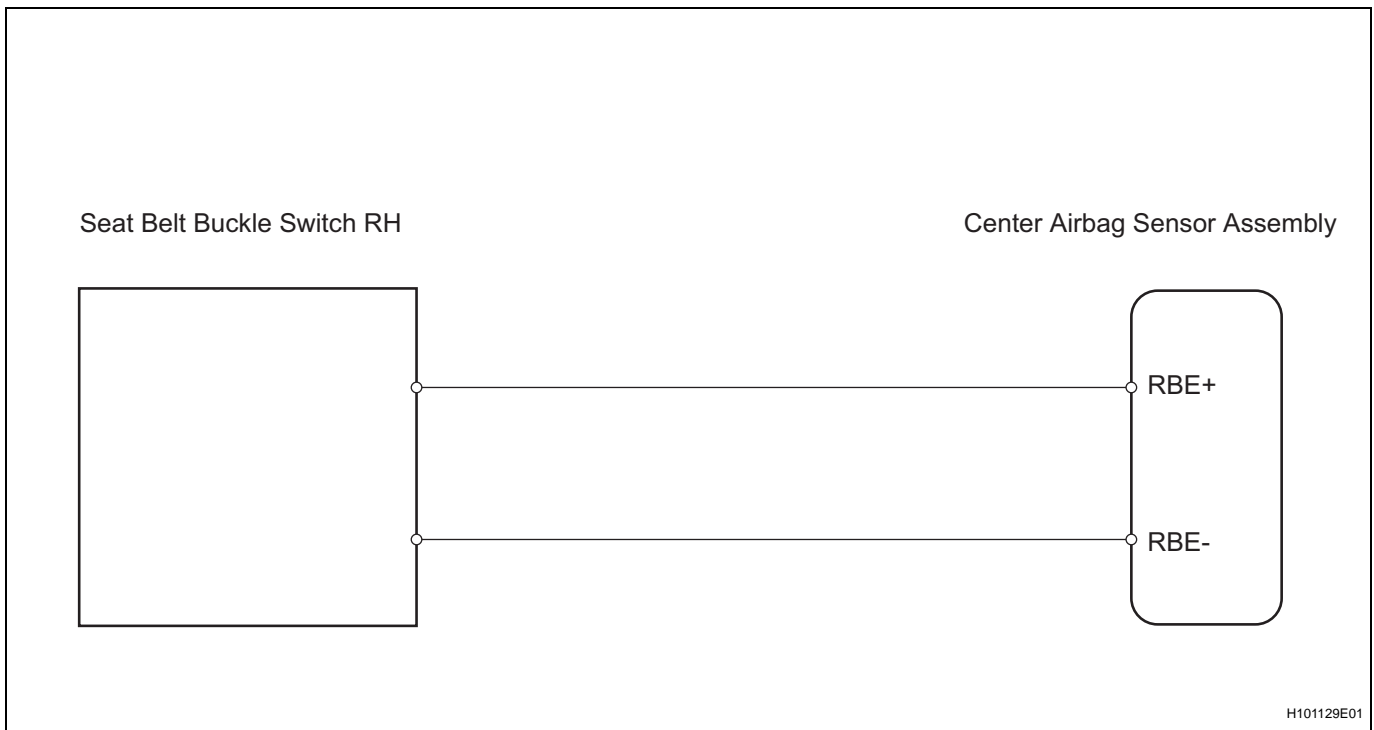
**DTC****B0121/26****Seat Belt Buckle Switch RH Circuit Malfunction****DESCRIPTION**

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

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

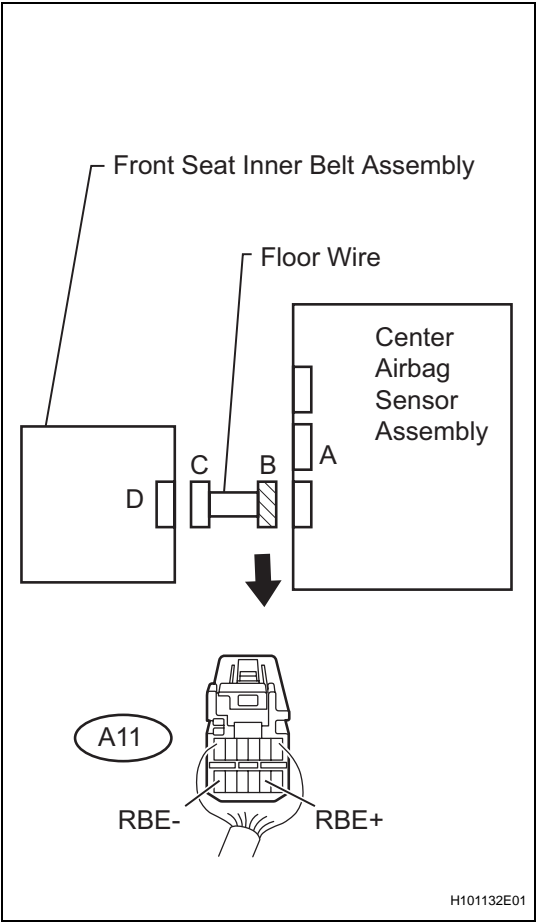
**RS**

DTC No.	DTC Detection Condition	Trouble Area
B0121/26	<ul style="list-style-type: none"> <li>• Short circuit in seat belt buckle switch RH wire harness (to ground)</li> <li>• Short circuit in seat belt buckle switch RH wire harness (to B+)</li> <li>• Open circuit in RBE+ wire harness or RBE- wire harness of front seat inner belt RH</li> <li>• Seat belt buckle switch RH malfunction</li> <li>• Center airbag sensor assembly</li> </ul>	<ul style="list-style-type: none"> <li>• Front seat inner belt assembly RH (seat belt buckle switch RH)</li> <li>• Center airbag sensor assembly</li> <li>• Floor wire</li> </ul>

**WIRING DIAGRAM****1****CHECK FLOOR WIRE (TO B+)**

- Turn the ignition switch to the LOCK position.
- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Disconnect the connectors from the center airbag sensor assembly and the front seat inner belt assembly RH.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

RS



(e) Measure the voltage according to the value(s) in the table below.

**Standard voltage**

Tester Connection (Connector "B")	Condition	Specified Condition
A11-8 (RBE+) - Body ground	Ignition switch ON	Below 1 V
A11-12 (RBE-) - Body ground		

NG

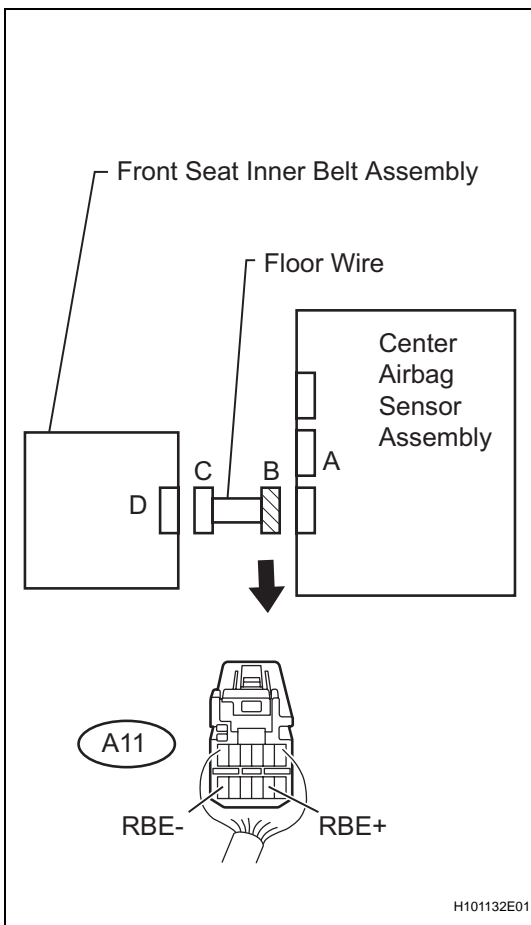
REPAIR OR REPLACE FLOOR WIRE

OK

2

CHECK FLOOR WIRE (TO GROUND)

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

#### Standard resistance

Tester Connection (Connector "B")	Specified Condition
A11-8 (RBE+) - Body ground	1 MΩ or higher
A11-12 (RBE-) - Body ground	

**NG**

**REPAIR OR REPLACE FLOOR WIRE**

**OK**

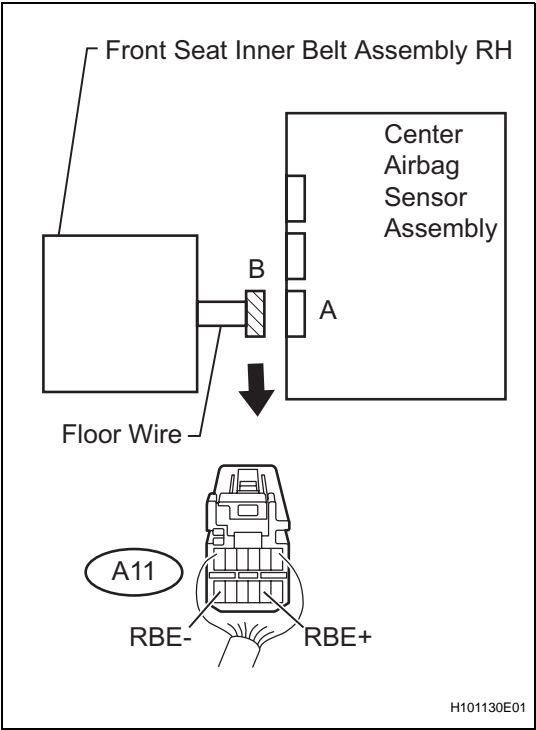
**3**

### CHECK FRONT SEAT INNER BELT ASSEMBLY RH

- Connect the connector to the front seat inner belt assembly RH.
- Unfasten the seat belt from the front seat inner belt RH.

**RS**

RS



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

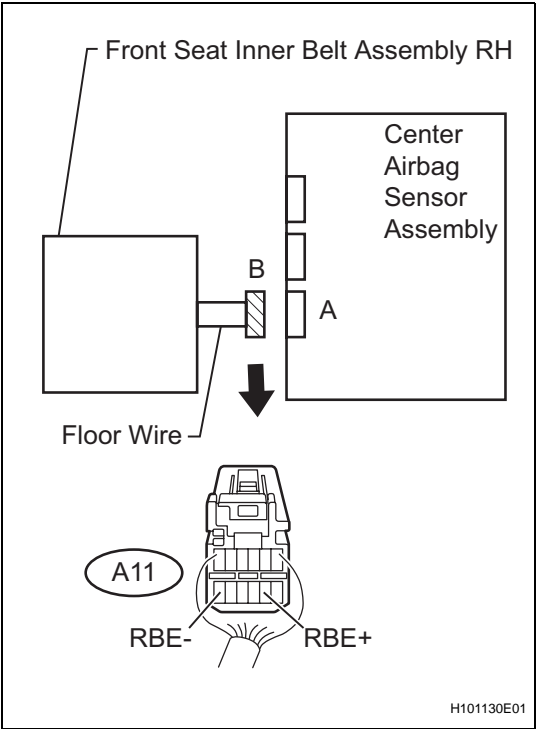
**Standard resistance**

Tester Connection (Connector "B")	Specified Condition
A11-8 (RBE+) - A11-12 (RBE-)	100 to 500 $\Omega$

**NG** **REPLACE FRONT SEAT INNER BELT ASSEMBLY RH**

**OK**

**4 CHECK FRONT SEAT INNER BELT ASSEMBLY RH**



(a) Fasten the seat belt to the front seat inner belt RH.  
(b) Measure the resistance according to the value(s) in the table below.

**Standard resistance**

Tester Connection (Connector "B")	Specified Condition
A11-8 (RBE+) - A11-12 (RBE-)	1.0 to 1.6 k $\Omega$

**NG** **REPLACE FRONT SEAT INNER BELT ASSEMBLY RH**

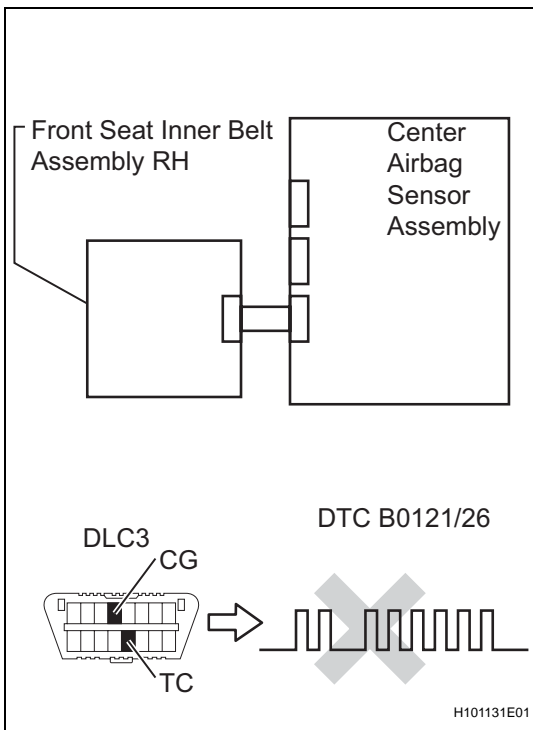
**OK**

**5 CHECK CENTER AIRBAG SENSOR ASSEMBLY**

- (a) Connect the connector to the center airbag sensor assembly.
- (b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (c) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (d) Clear the stored DTCs in the memory (see page RS-21).
- (e) Turn the ignition switch to the LOCK position.
- (f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (g) Check for the DTCs (see page RS-21).

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

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

**NG****REPLACE CENTER AIRBAG SENSOR ASSEMBLY****OK****PROBLEM SYMPTOMS SIMULATION**