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

DTC	B0122/26	SEAT BELT BUCKLE SWITCH (RH) MALFUNCTION

CIRCUIT DESCRIPTION

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

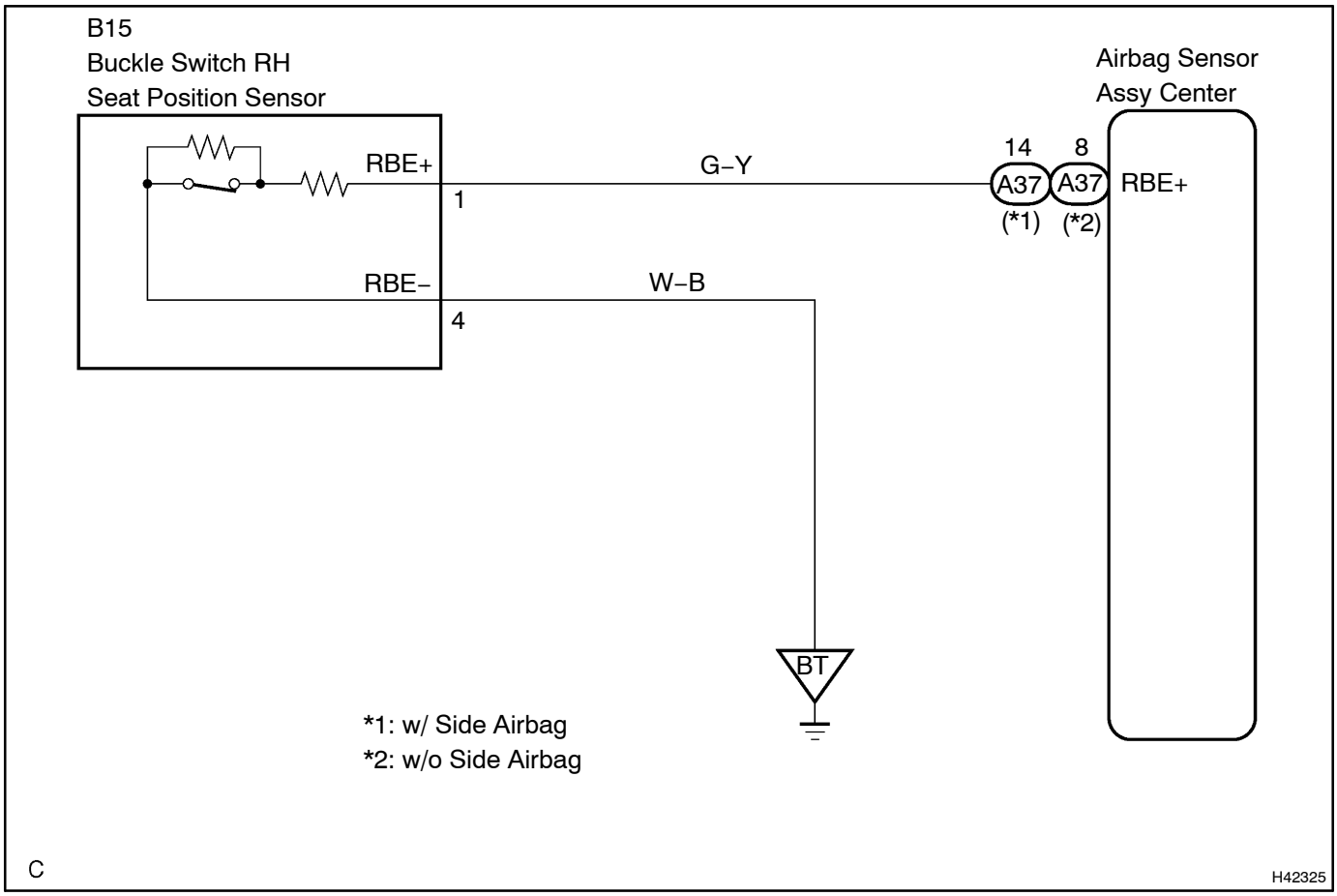
DTC B0121/B0122/26 is recorded when a malfunction is detected in the seat belt buckle switch RH circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B0121/B0122/26	• Short in RBE+ circuit (to ground) • Short in RBE+ circuit (to B+) • Open in RBE+ circuit • Front seat inner belt assy RH malfunction • Airbag sensor assy center malfunction	• Front seat inner belt assy RH • Airbag sensor assy center • Floor wire

HINT:

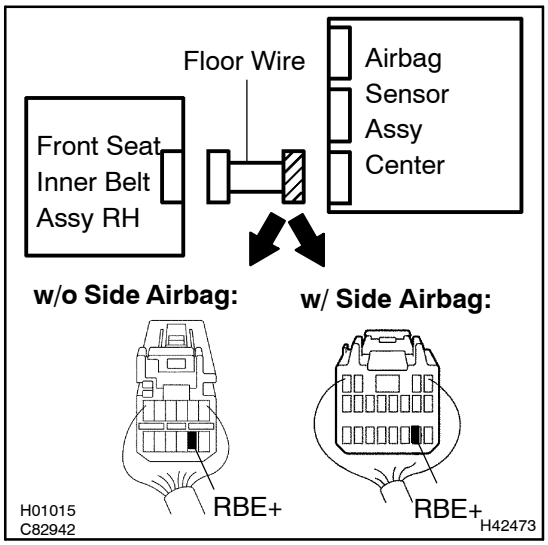
DTC B0121/B0122/26 is indicated only for the RHD vehicle.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK FLOOR WIRE(TO GROUND)

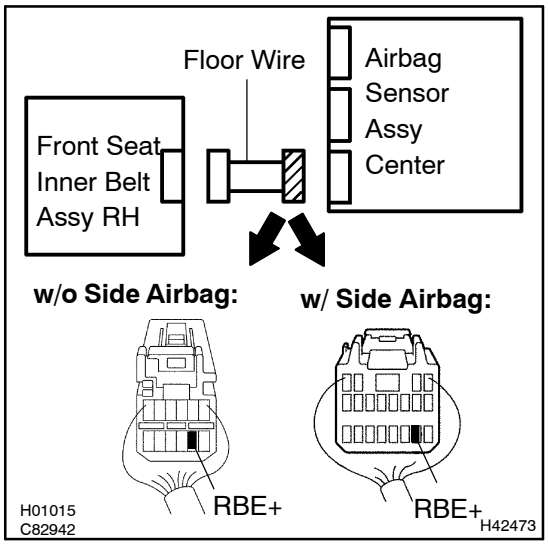


(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the front seat inner belt assy RH.
(c) Measure the resistance between the body ground and RBE+ of the floor wire connector on the airbag sensor assy center side.
OK:
Resistance: 1 MΩ or Higher

NG → **REPAIR OR REPLACE FLOOR WIRE**

OK

2	CHECK FLOOR WIRE(TO B+)

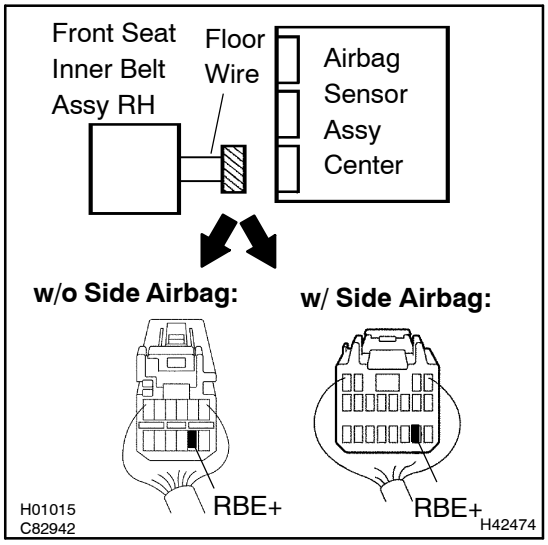


(a) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(b) Turn the ignition switch to ON.
(c) Measure the voltage between the body ground and RBE+ of the floor wire connector on the airbag sensor assy center side.
OK:
Voltage: Below 1 V

NG → **REPAIR OR REPLACE FLOOR WIRE**

OK

3 CHECK FRONT SEAT INNER BELT ASSY RH

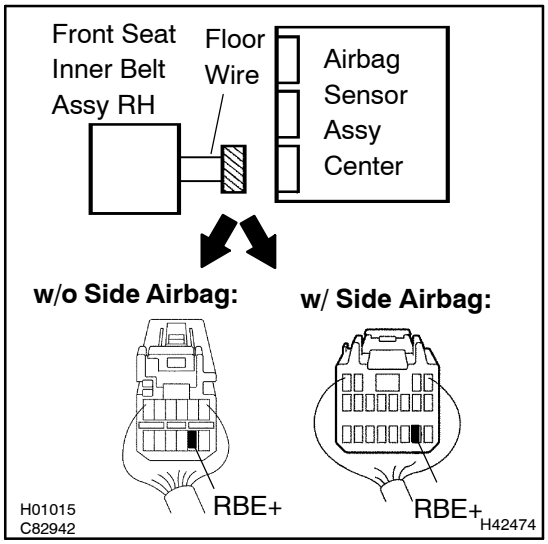


(a) Turn the ignition switch to LOCK.
(b) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(c) Connect the connector of the front seat inner belt assy RH.
(d) Unlock the seat belt for the front seat RH.
(e) Measure the resistance between the body ground and RBE+ of the floor wire connector on the airbag sensor assy center side.
OK:
Resistance: 1.0 kΩ – 1.6 kΩ

NG → **REPLACE FRONT SEAT INNER BELT ASSY RH**

OK

4 CHECK FRONT SEAT INNER BELT ASSY RH



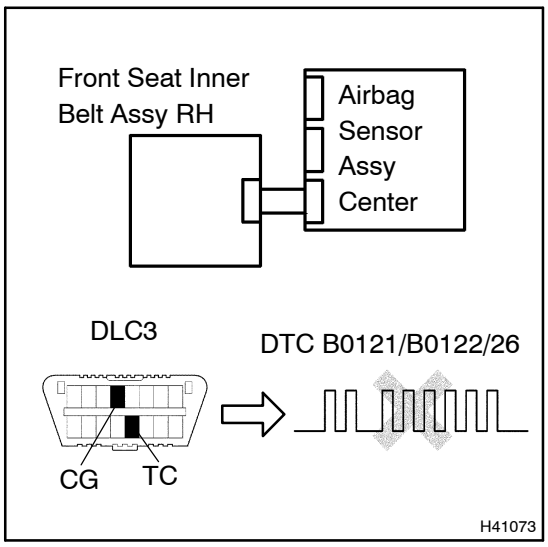
(a) Lock the seat belt for the front seat RH.
(b) Measure the resistance between the body ground and RBE+ of the floor wire connector on the airbag sensor assy center side.
OK:
Resistance: 100 Ω – 500 Ω

NG → **REPLACE FRONT SEAT INNER BELT ASSY RH**

OK

5	CHECK AIR BAG SENSOR ASSY CENTER

SST 09843–18040



(a) Connect the connector to the airbag sensor assy center.
(b) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(c) Turn the ignition switch to ON, and wait at least for 10 seconds.
(d) Clear the DTC stored in memory (See page 05–1122).
(e) Turn the ignition switch to LOCK, and wait at least for 10 seconds.
(f) Turn the ignition switch to ON, and wait at least for 10 seconds.
(g) Check the DTC (See page 05–1122).
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