DTC	B0126/27	SEAT BELT BUCKLE SWITCH (LH) MALFUNCTION

DTC	B0127/27	SEAT BELT BUCKLE SWITCH (LH) MALFUNCTION

CIRCUIT DESCRIPTION

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

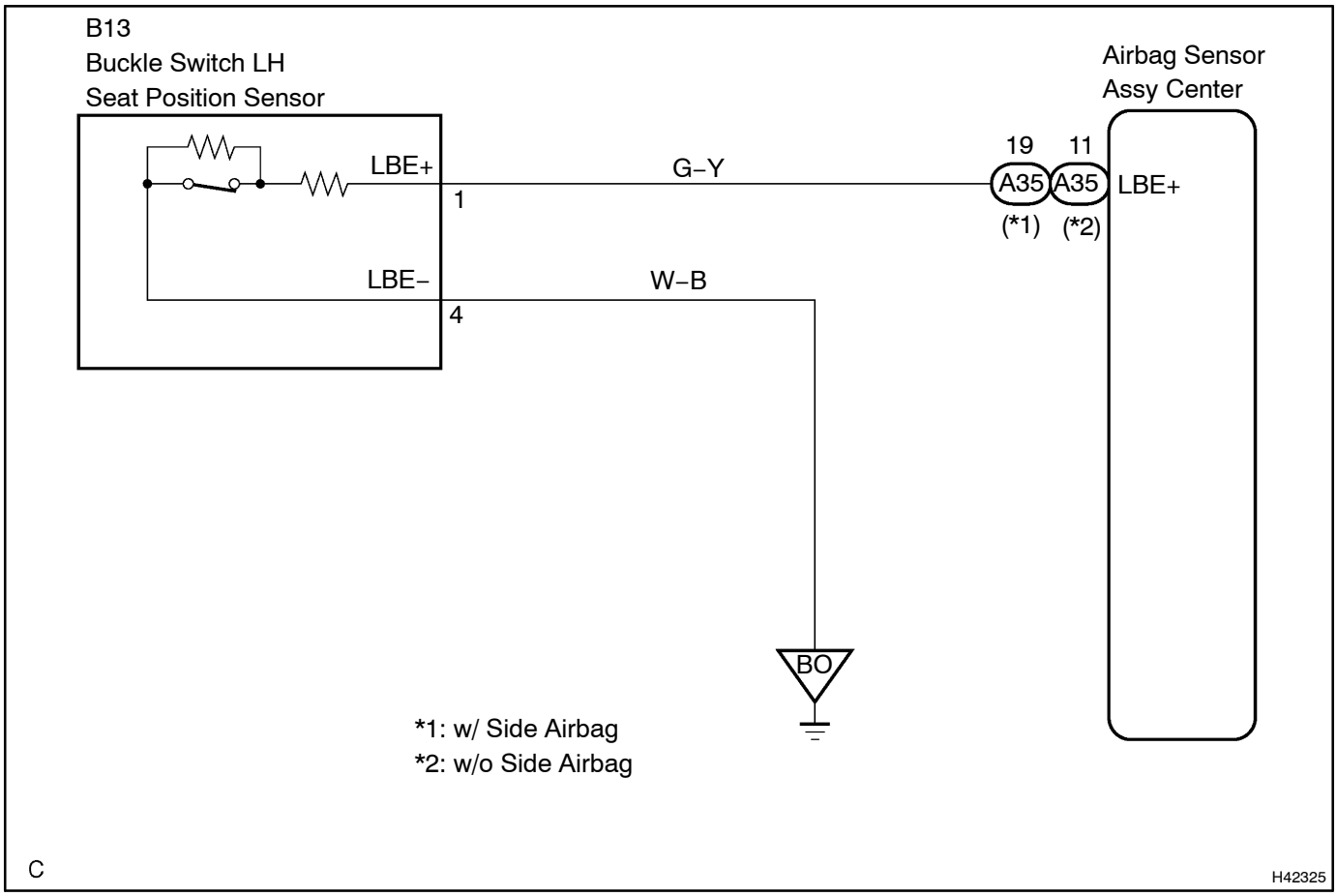
DTC B0126/B0127/27 is recorded when a malfunction is detected in the seat belt buckle switch LH circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B0126/B0127/27	• Short in LBE+ circuit (to ground) • Short in LBE+ circuit (to B+) • Open in LBE+ circuit • Front seat inner belt assy LH malfunction • Airbag sensor assy center malfunction	• Front seat inner belt assy LH • Airbag sensor assy center • Floor wire No.2

HINT:

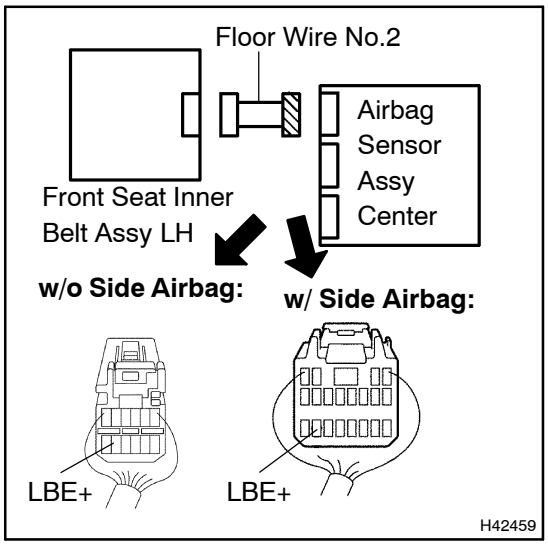
DTC B0126/B0127/27 is indicated only for the LHD vehicle.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK FLOOR WIRE NO.2(TO GROUND)

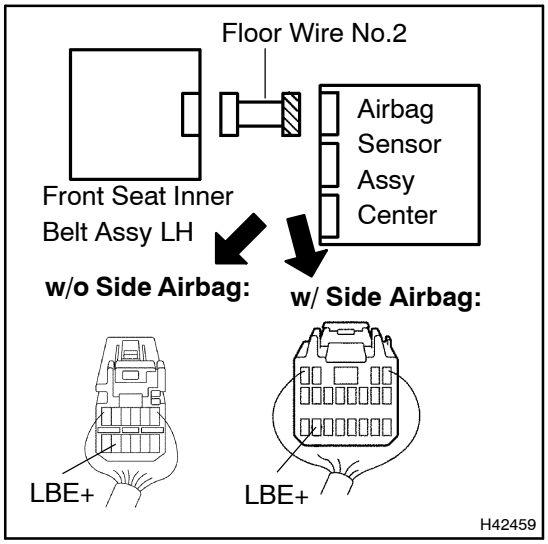


(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the front seat inner belt assy LH.
(c) Measure the resistance between the body ground and LBE+ of the floor wire No.2 connector on the airbag sensor assy center side.
OK:
Resistance: 1 MΩ or Higher

NG → **REPAIR OR REPLACE FLOOR WIRE NO.2**

OK

2 CHECK FLOOR WIRE NO.2(TO B+)

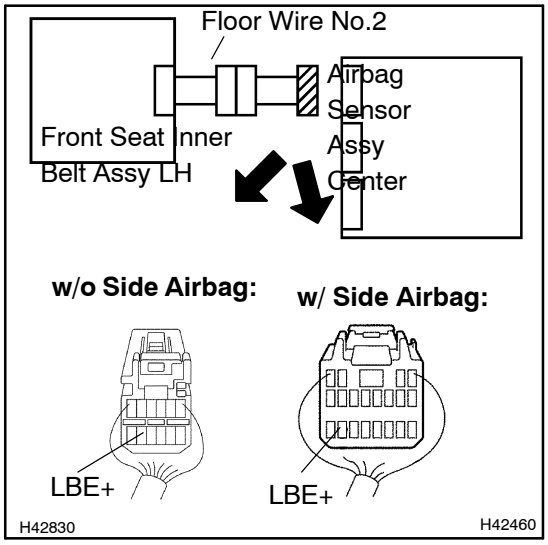


(a) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(b) Turn the ignition switch to ON.
(c) Measure the voltage between the body ground and LBE+ of the floor wire No.2 connector on the airbag sensor assy center side.
OK:
Voltage: Below 1 V

NG → **REPAIR OR REPLACE FLOOR WIRE NO.2**

OK

3 CHECK FRONT SEAT INNER BELT ASSY LH

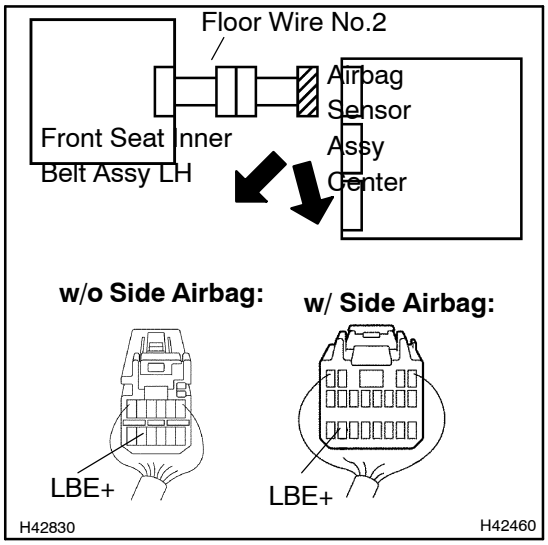


(a) Turn the ignition switch to LOCK.
(b) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(c) Connect the connector of the front seat inner belt assy LH.
(d) Unlock the seat belt for the front seat LH.
(e) Measure the resistance between the body ground and LBE+ of the floor wire No.2 connector on the airbag sensor assy center side.
OK:
Resistance: 1.0 kΩ – 1.6 kΩ

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

OK

4 CHECK FRONT SEAT INNER BELT ASSY LH



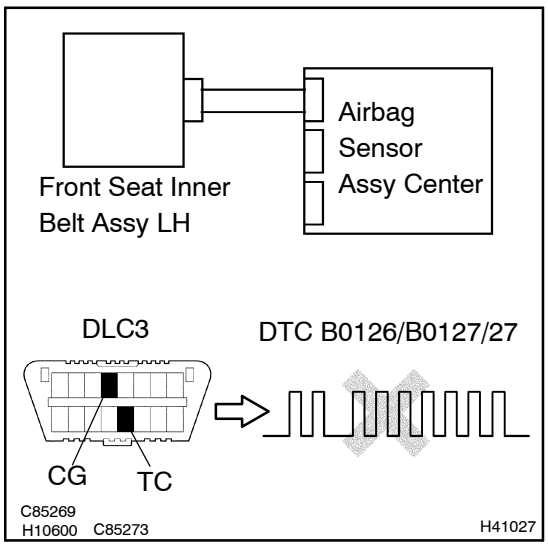
(a) Lock the seat belt for the front seat LH.
(b) Measure the resistance between the body ground and LBE+ of the floor wire No.2 connector on the airbag sensor assy center side.
OK:
Resistance: 100 Ω – 500 Ω

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

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 B0126/B0127/27 is not output.

HINT:
Codes other than code B0126/B0127/27 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