

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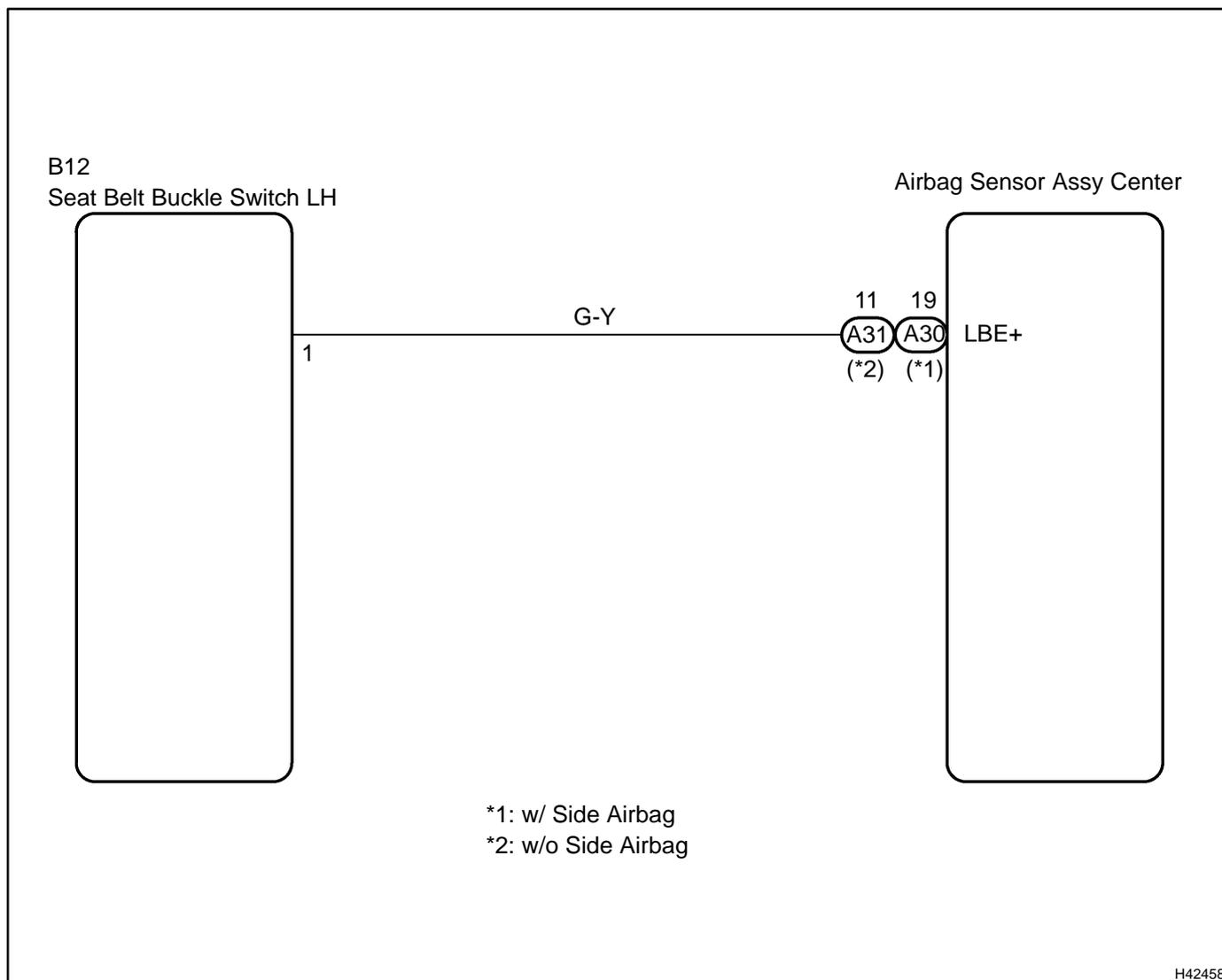
CIRCUIT DESCRIPTION

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	<ul style="list-style-type: none"> • Short in LBE+ circuit (to ground) • Short in LBE+ circuit (to B+) • Front seat inner belt assy LH malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Front seat inner belt assy LH • Airbag sensor assy center • Floor wire No.2

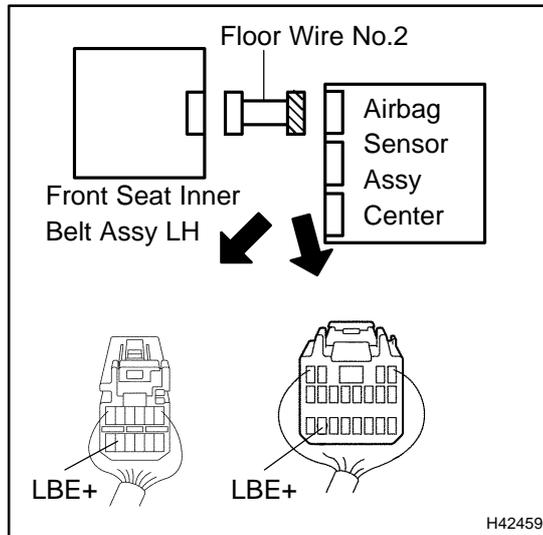
WIRING DIAGRAM



H42458

INSPECTION PROCEDURE

1 CHECK FLOOR WIRE NO.2(TO GROUND) (TO GROUND)



- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Disconnect the floor wire No.2 connector from the airbag sensor assy center and the front seat inner belt assy LH.
- Measure the resistance between the body ground and LBE+ of the floor wire No.2 connector on the airbag sensor assy center side.

OK:

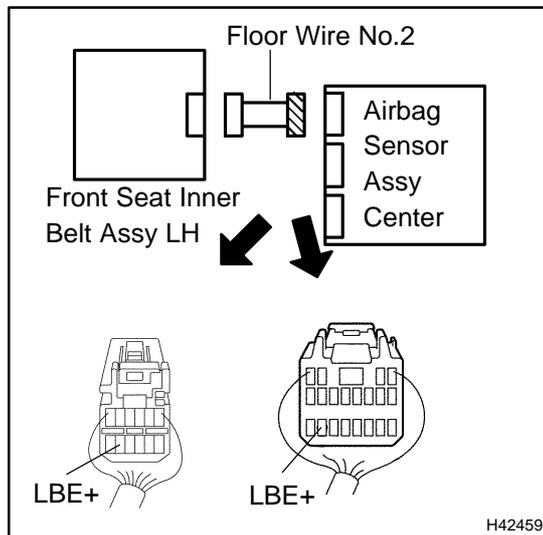
Resistance: 1 M Ω or Higher

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REPAIR OR REPLACE FLOOR WIRE NO.2

OK

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



- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON.
- Measure the voltage between the body ground and LBE+ of the floor wire No.2 connector on the airbag sensor assy center side.

OK:

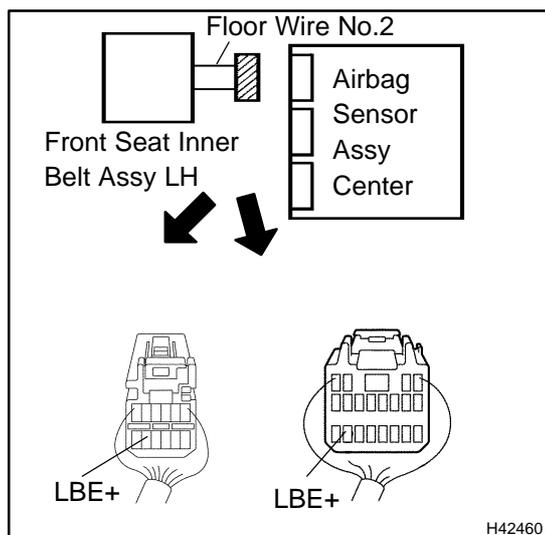
Voltage: Below 1 V

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REPAIR OR REPLACE FLOOR WIRE NO.2

OK

3 CHECK FRONT SEAT INNER BELT ASSY LH



- Turn the ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the connector of the front seat inner belt assy LH.
- Unlock the seat belt for the front seat LH.
- Measure the resistance between the body ground and LBE+ of the floor wire No.2 connector on the airbag sensor assy center side.

OK:

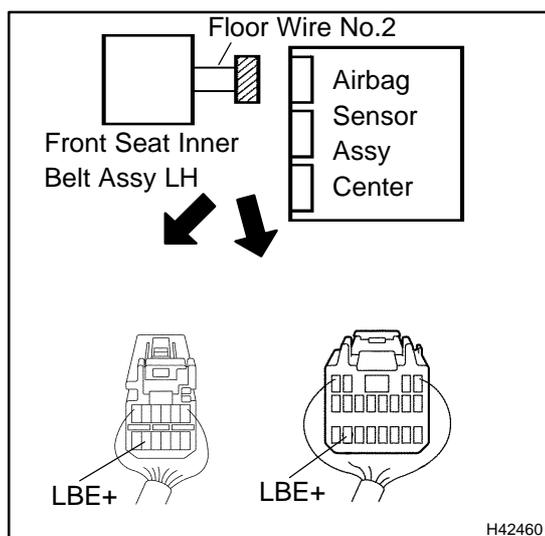
Resistance: 1.0 k Ω - 1.6 k Ω

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REPLACE FRONT SEAT INNER BELT ASSY LH

OK

4 CHECK FRONT SEAT INNER BELT ASSY LH



- Lock the seat belt for the front seat LH.
- 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

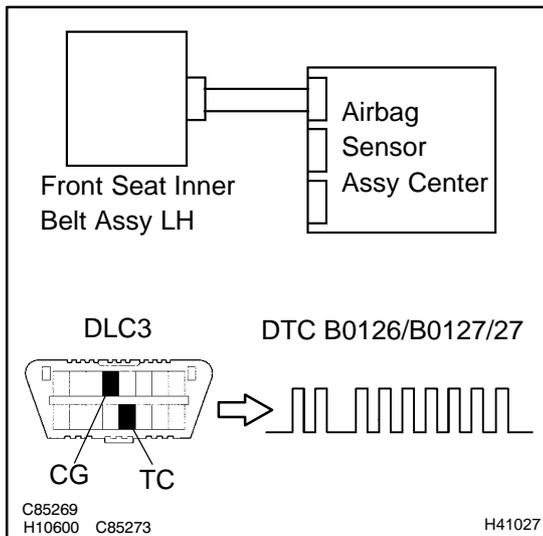
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REPLACE FRONT SEAT INNER BELT ASSY LH

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 10 seconds.
- Clear the DTC stored in memory (See page 05-614).
- Turn the ignition switch to LOCK, and wait at least for 10 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Check the DTC (See page 05-614).

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**