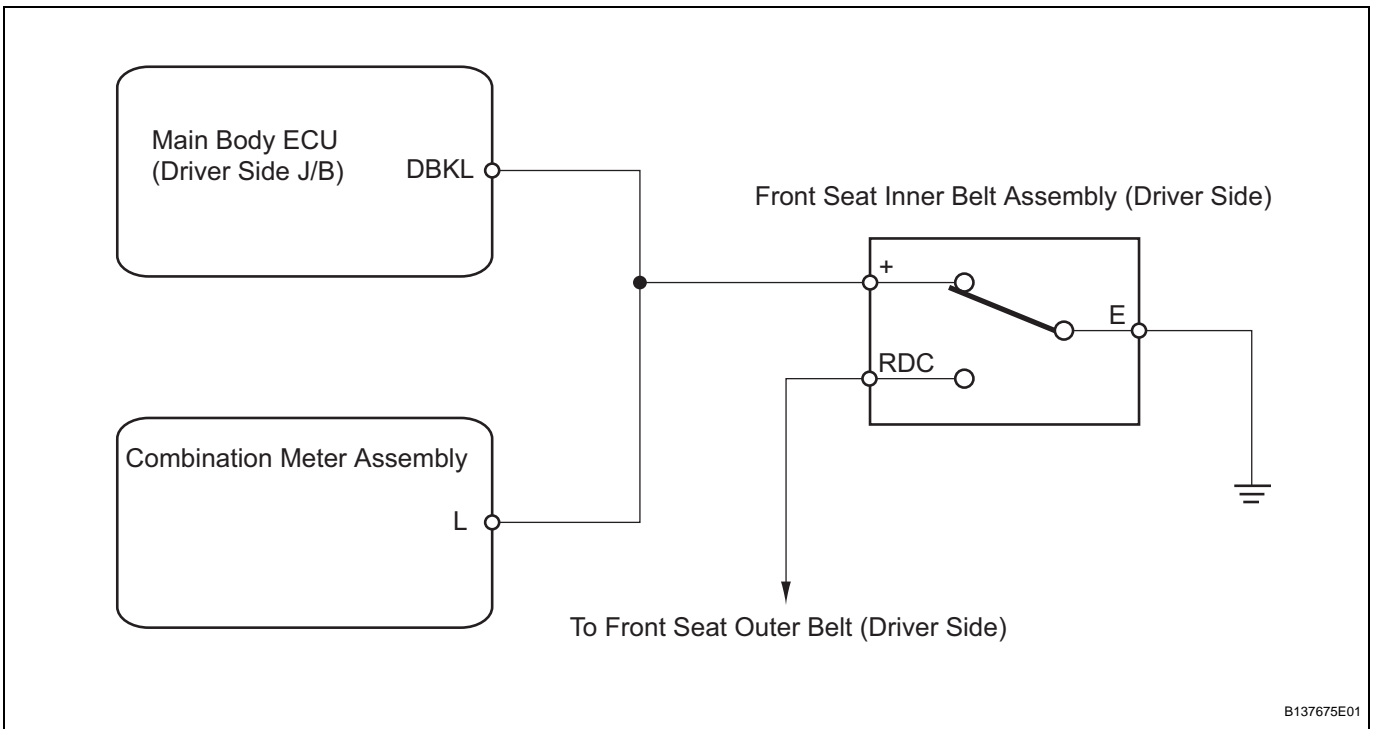


**Driver Side Seat Belt Warning Light does not Operate**

**DESCRIPTION**

When the ignition switch is ON, the combination meter assembly receives signals from the front seat inner belt assembly (driver side). When the seat belt is unfastened, the combination meter assembly flashes the driver seat belt warning light in the combination meter assembly. When the seat belt is fastened, the combination meter assembly stops flashing the front driver seat belt warning light.

**WIRING DIAGRAM**



SB

**INSPECTION PROCEDURE**

**1 READ VALUE OF INTELLIGENT TESTER (D SEAT BUCKL SW)**

- (a) Connect the intelligent tester with the CAN VIM to the DLC3.
- (b) Turn the ignition switch ON and turn the tester ON.
- (c) Enter the following menus: OBD/MOBD / BODY / DATA LIST

**Main Body ECU (Driver Side J/B)**

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
D SEAT BUCKL SW	Buckle switch (Driver side)/ ON: Seat belt fastened OFF: Seat belt not fastened	ON/OFF	-

**OK:**  
Front seat inner belt assembly (driver side) operates normally.

NG

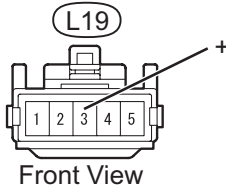
Go to step 3

OK

**2 CHECK HARNESS AND CONNECTOR (COMBINATION METER ASSEMBLY - FRONT SEAT INNER BELT ASSEMBLY)**

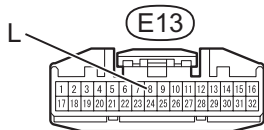
**Wire Haeness Side:**

Front Seat Inner Belt Assembly (Driver Side) Connector



Front View

Combination Meter Assembly Connector



Front View

B137678E01

- (a) Disconnect the E13 combination meter assembly connector.
- (b) Disconnect the L19 front seat inner belt assembly (driver side) connector.
- (c) Measure the resistance.

**Standard resistance**

Tester Connection	Specified Condition
E13-8 (L) - L19-3 (+)	Below 1 Ω
E13-8 (L) or L19-3 (+) - Body ground	10 kΩ or higher

- (d) Reconnect the combination meter assembly connector.
- (e) Reconnect the front seat inner belt assembly (driver side) connector.

**NG REPAIR OR REPLACE HARNESS OR CONNECTOR**

SB

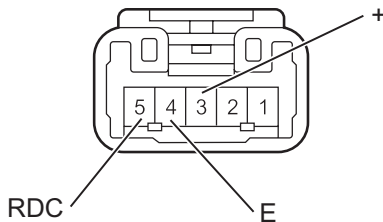
OK

**REPLACE COMBINATION METER ASSEMBLY**

**3 INSPECT FRONT SEAT INNER BELT ASSEMBLY (DRIVER SIDE)**

**Component Side:**

Front Seat Inner Belt Assembly (Driver Side) Connector



H

B137709E02

- (a) Disconnect the L19 front seat inner belt assembly (driver side) connector.
- (b) Measure the resistance.

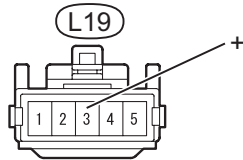
**Standard resistance**

Tester Connection	Condition	Specified Condition
+ - E	Tongue plate fastened	10 kΩ or higher
RDC - E	Tongue plate unfastened	Below 1 Ω
+ - E	Tongue plate unfastened	Below 1 Ω
RDC - E	Tongue plate fastened	10 kΩ or higher

- (c) Reconnect the front seat inner belt assembly (driver side) connector.

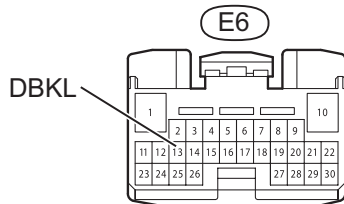
**NG REPLACE FRONT SEAT INNER BELT ASSEMBLY (DRIVER SIDE)**

OK

**4 CHECK HARNESS AND CONNECTOR (MAIN BODY ECU - FRONT SEAT INNER BELT ASSEMBLY)****Wire Harness Side:**Front Seat Inner Belt Assembly  
(Driver Side) Connector

Front View

Main Body ECU (Driver Side J/B) Connector



Front View

B137679E01

- Disconnect the E6 main body ECU (driver side J/B) connector.
- Disconnect the L19 front seat inner belt assembly (driver side) connector.
- Measure the resistance.

**Standard resistance**

Tester Connection	Specified Condition
E6-13 (DBKL) - L19-3 (+)	Below 1 $\Omega$
E6-13 (DBKL) or L19-3 (+) - Body ground	10 k $\Omega$ or higher

- Reconnect the main body ECU (driver side J/B) connector.
- Reconnect the front seat inner belt assembly (driver side) connector.

NG

**REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

**REPAIR OR REPLACE HARNESS OR CONNECTOR (FRONT SEAT INNER BELT ASSEMBLY - BODY GROUND)**

SB