

## Front Passenger Side Seat Belt Warning Light does not Operate

### DESCRIPTION

w/o Navigation system:

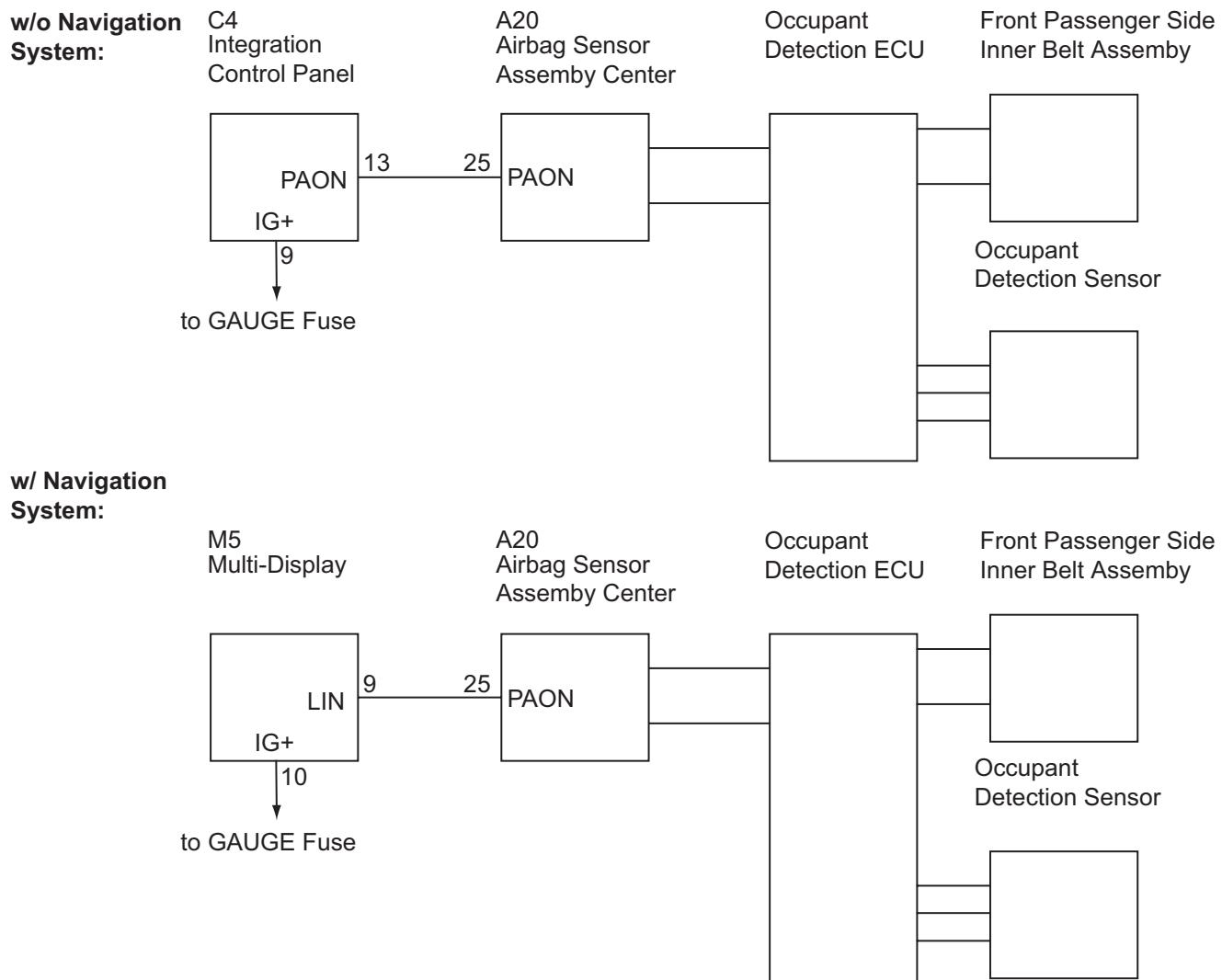
When the ignition switch is turned to the ON position, the airbag sensor assembly center transmits front seat inner belt status to the center integration panel. If the front passenger seat belt is not fastened when the seat is occupied, the warning light on the center integration panel blinks. If the seat belt is fastened, the warning light does off.

w/ Navigation system:

When the ignition switch is turned to the ON position, the airbag sensor assembly center transmits front seat inner belt status to the multi-display. If the front passenger seat belt is not fastened when the seat is occupied, the warning light on the multi-display blinks. If the seat belt is fastened, the warning light goes off.

SB

## WIRING DIAGRAM



B111218E01

1

PERFORM ACTIVE TEST USING INTELLIGENT TESTER

(a) Operate the intelligent tester according to the steps on the display and select "ACTIVE TEST".

## METER

Item	Test Details	Diagnostic Note
P-BELT REMIND	P-SEAT BELT indicator light (OFF/ON)	-

OK:

Switch condition (ON/OFF) can be switched by  
"ACTIVE TEST".

NG

GO TO AIRBAG SYSTEM

OK

2

## SYSTEM CHECK

(a) System check

w/o Navigation system	B
w/ Navigation system	A

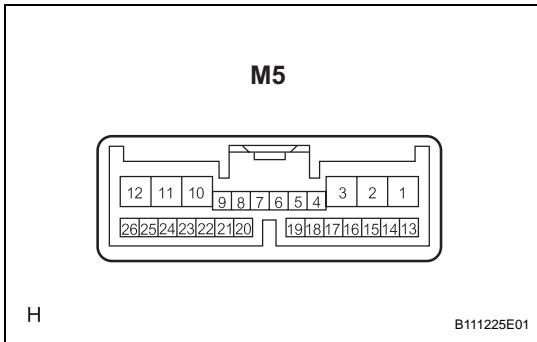
B

Go to step 5

A

3

## INSPECT MULTI-DISPLAY



(a) Disconnect the M5 connector.  
 (b) Measure the voltage and resistance according to the value(s) in the table below.

**Standard voltage**

Tester Connection	Condition	Specified Condition
M5-10 (IG+) - Body ground	Ignition switch ON	10 to 14 V
M5-11 (ACC) - Body ground	Ignition switch ACC	10 to 14 V
M5-9 (LIN) - Body ground	Ignition switch ON, sit on the passenger seat, seat belt is unfastened	10 to 14 V

**Standard resistance**

Tester Connection	Condition	Specified Condition
M5-3 - Body ground	Always	Below 1 Ω

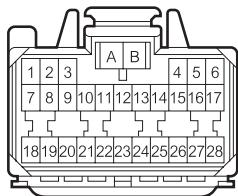
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REPAIR OR REPLACE HARNESS OR CONNECTOR

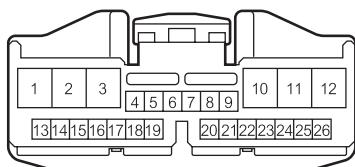
OK

#### 4 CHECK WIRE HARNESS (MULTI-DISPLAY - AIRBAG SENSOR ASSEMBLY CENTER)

**A20**  
Airbag Sensor Assembly Center:



**M5**  
Multi-Display:



H B111226E01

(a) Disconnect the M5 and A20 connectors.  
(b) Measure the resistance according to the value(s) in the table below.

**Standard resistance**

Tester Connection	Condition	Specified Condition
A20-25 (PAON) - M5-9 (LIN)	Always	Below 1 Ω

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**REPAIR OR REPLACE HARNESS OR CONNECTOR**

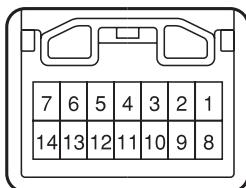
SB

**OK**

**GO TO AIRBAG SYSTEM**

#### 5 CHECK INTEGRATION CONTROL & PANEL

C4



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(a) Disconnect the C4 connector.  
(b) Measure the voltage and resistance according to the value(s) in the table below.

**Standard voltage**

Tester Connection	Condition	Specified Condition
C4-1 (+B) - Body ground	Always	10 to 14 V
C4-2 (ACC) - Body ground	Ignition switch ACC	10 to 14 V
C4-9 (IG) - Body ground	Ignition switch ON	10 to 14 V
C4-13 (PAON) - Body ground	Ignition switch ON	10 to 14 V

**Standard resistance**

Tester Connection	Condition	Specified Condition
C4-7 - Body ground	Always	Below 1 Ω

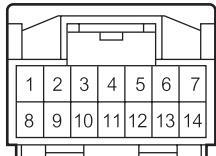
NG

**REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

6

## CHECK WIRE HARNESS (INTEGRATION CONTROL &amp; PANEL - AIRBAG SENSOR ASSEMBLY CENTER)

C4  
Integration Control & Panel:

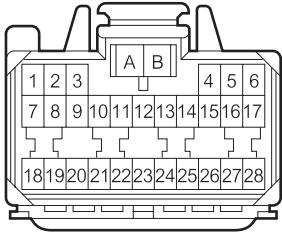
(a) Disconnect the C4 and A20 connectors.  
(b) Measure the resistance according to the value(s) in the table below.

## Standard resistance

Tester Connection	Condition	Specified Condition
A20-25 (PAON) - C4-13 (PAON)	Always	Below 1 $\Omega$

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REPAIR OR REPLACE HARNESS OR CONNECTOR

A20  
Airbag Sensor Assembly Center:

H

B111262E01

OK

GO TO AIRBAG SYSTEM