

DTC	B1152/28	PASSENGER AIRBAG ON/OFF INDICATOR LIGHT CIRCUIT MALFUNCTION
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CIRCUIT DESCRIPTION

The passenger airbag ON/OFF indicator light circuit consists of the airbag sensor assy center and the telltale lamp assy (passenger airbag ON/OFF indicator).

This circuit indicates the operation condition of the front passenger airbag assy and the front seat airbag assy RH and passenger side seat belt pretensioner.

DTC B1152/28 is recorded when a malfunction is detected in the passenger airbag ON/OFF indicator light circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B1152/28	<ul style="list-style-type: none"> • When the airbag sensor assy center receives a line short signal, open signal, short to ground signal or B+ short signal in the passenger airbag ON/OFF indicator light circuit for 2 seconds. • Telltale lamp assy malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Telltale lamp (Passenger airbag ON/OFF indicator) • Airbag sensor assy center • Cowl wire

T15
Telltale Light assembly

Airbag Sensor
Assy Center

Wiring diagram showing the T15 Telltale Light assembly connected to the Instrument Panel J/B, Center J/B, F7 F/L Block, I15 Ignition SW, and Airbag Sensor Assy Center. The diagram includes components like PAON, P-AB, AIRBAG ON/OFF, SW1, IG+, FL MAIN, Battery, and IB. Wire colors and terminal numbers are indicated throughout the circuit.

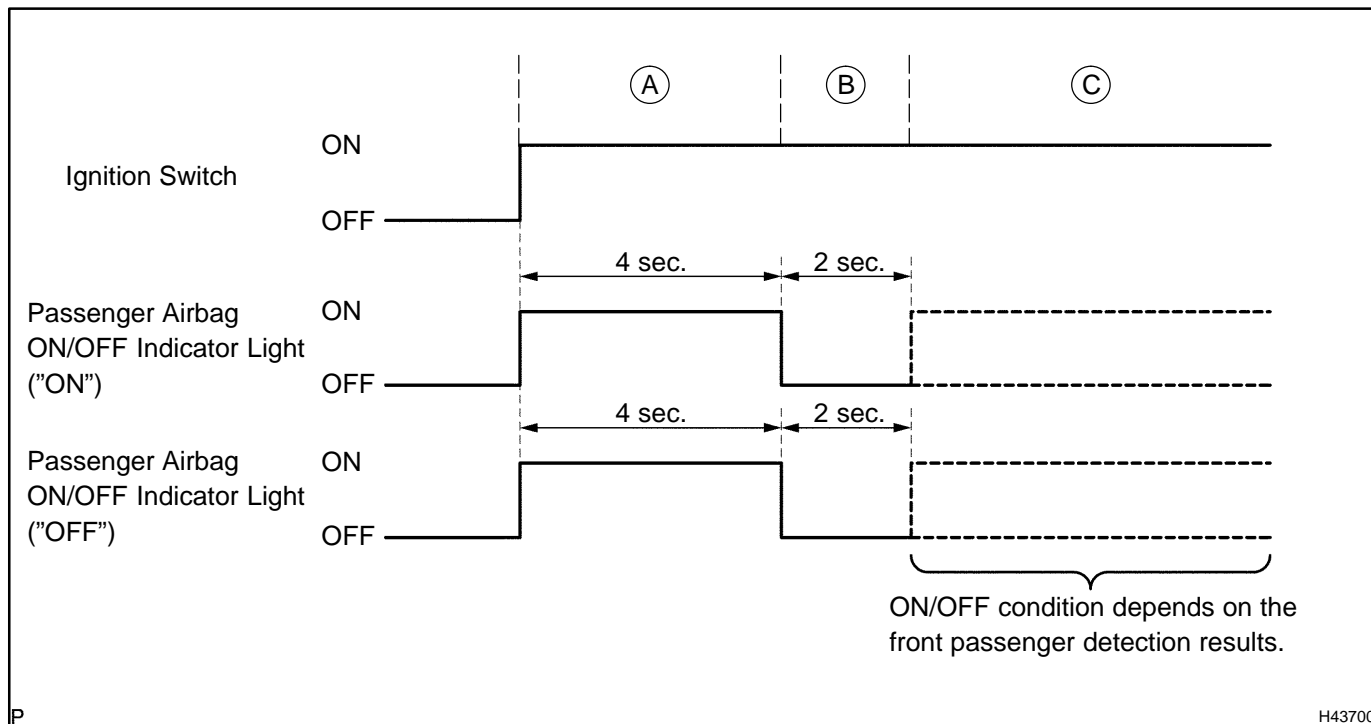
INSPECTION PROCEDURE

1 CHECK PASSENGER AIRBAG ON/OFF INDICATOR LIGHT OPERATION

- (a) Turn the ignition switch to the ON position.
 (b) Check the passenger airbag ON/OFF indicator light operation.

HINT:

Refer to the normal condition of the passenger airbag ON/OFF indicator light (see page [05-1207](#)).

**Result:****A:**

During period "A" in the illustration, even if both the "ON" and "OFF" passenger airbag ON/OFF indicator lights normally come on, both of them do not go off during period "B".

During periods "A" and "B" in the illustration, even if both the "ON" and "OFF" passenger airbag ON/OFF indicator lights normally come on, both of them come on during period "C".

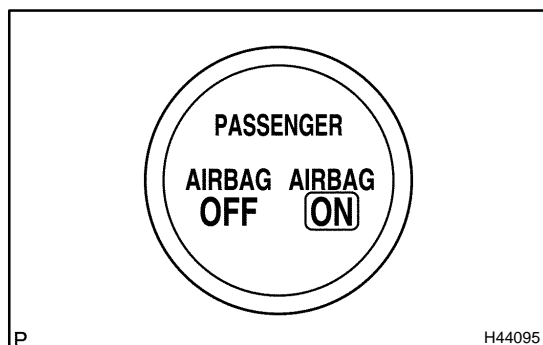
B:

During period "A", neither the "ON" nor "OFF" passenger airbag ON/OFF indicator lights come on, or one of them does not come on.

During period "C", even if the front passenger seat is occupied, neither the "ON" nor "OFF" passenger airbag ON/OFF indicator lights come on.

B**Go to step 6****A**

2 CHECK TELLTALE LAMP ASSY (PASSENGER AIRBAG ON/OFF INDICATOR LIGHT)



- Turn the ignition switch to the LOCK position.
- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Disconnect the connector from the telltale lamp assy.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position.
- Check the passenger airbag ON/OFF indicator light operation.

OK:

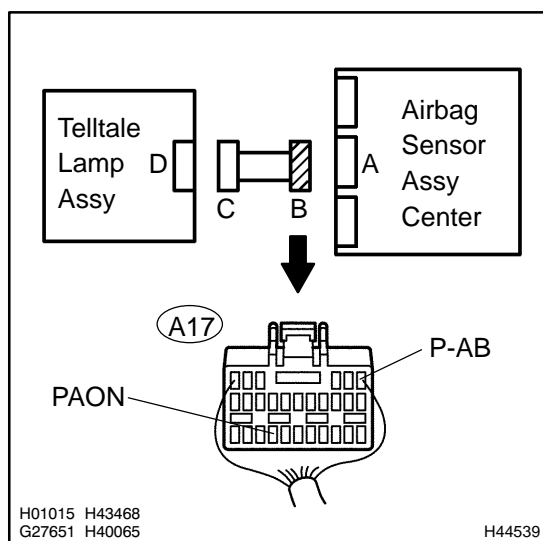
The passenger airbag ON/OFF indicator light ("ON" and "OFF") do not come on.

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**REPLACE TELLTALE LAMP ASSY
(SEE PAGE 71-10)**

OK

3 CHECK WIRE HARNESS (TO GROUND)



- Measure the resistance according to the value(s) in the table below.

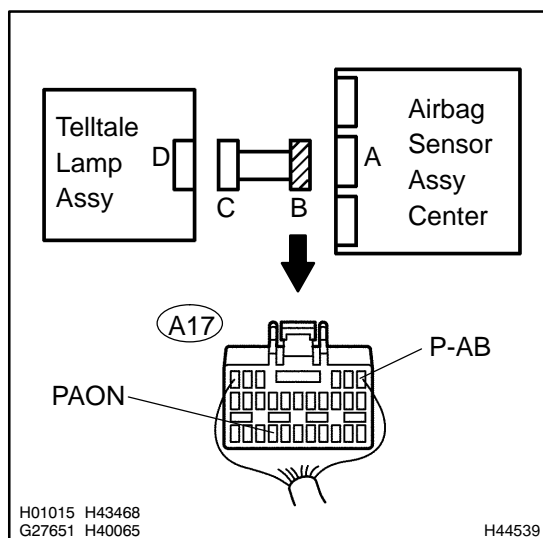
Standard:

Tester connection	Condition	Specified condition
A17-1 (P-AB) - Body ground	Always	1 MΩ or Higher
A17-25 (PAON) - Body ground	Always	1 MΩ or Higher

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REPAIR OR REPLACE WIRE HARNESS

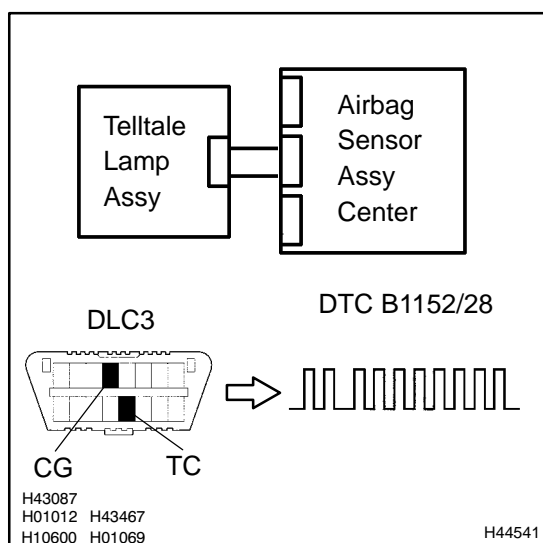
OK

4 CHECK WIRE HARNESS (SHORT)

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
A17-1 (P-AB) - A17-25 (PAON)	Always	1 MΩ or Higher

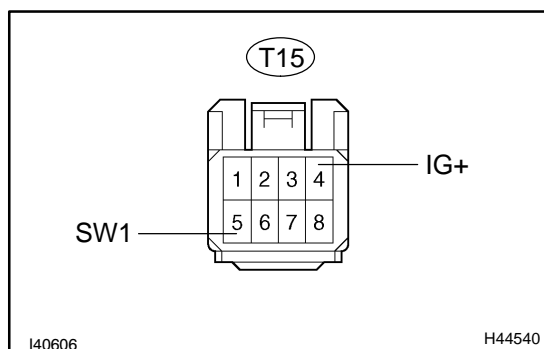
NG**REPAIR OR REPLACE WIRE HARNESS****OK****5 CHECK AIR BAG SENSOR ASSY CENTER**

- Connect the connectors to the airbag sensor assy center.
- Connect the connector to the clock assy.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Clear the DTCs stored in memory (see page 05-1215).
- Turn the ignition switch to the LOCK position.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Check the DTCs (see page 05-1215).

OK:**DTC B1152/28 is not output.****HINT:**

Codes other than code B1152/28 may be output at this time, but they are not related to this check.

NG**REPLACE AIR BAG SENSOR ASSY CENTER (SEE PAGE 60-53)****OK****USE SIMULATION METHOD TO CHECK**

6 WIRE HARNESS (SOURCE VOLTAGE)

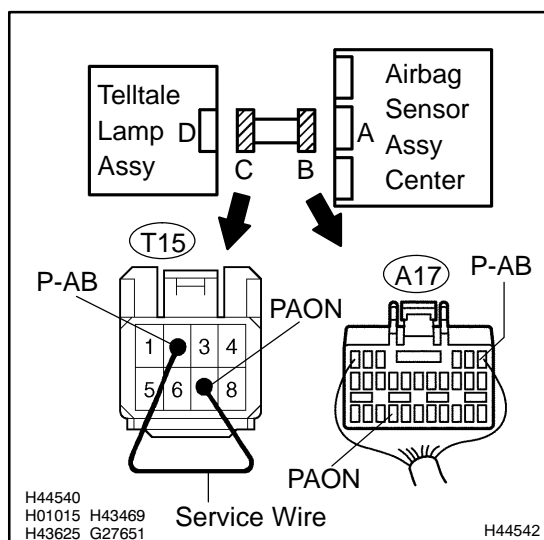
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position.
- Measure the voltage and resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
T15-4 (IG+) - Body ground	Ignition switch ON	10 to 14 V
T15-5 (SW1) - Body ground	Always	Below 1 Ω

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REPLACE TELLTALE LAMP ASSY OR WIRE HARNESS (TELLTALE LAMP ASSY - BATTERY) OR BATTERY

OK**7 CHECK WIRE HARNESS (OPEN)**

- Turn the ignition switch to the LOCK position.
- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Using a service wire, connect T15-2 (P-AB) and T15-7 (PAON) of connector "C".

NOTICE:

Do not forcibly insert a service wire into the terminals of connector when connecting.

- Measure the resistance according to the value(s) in the table below.

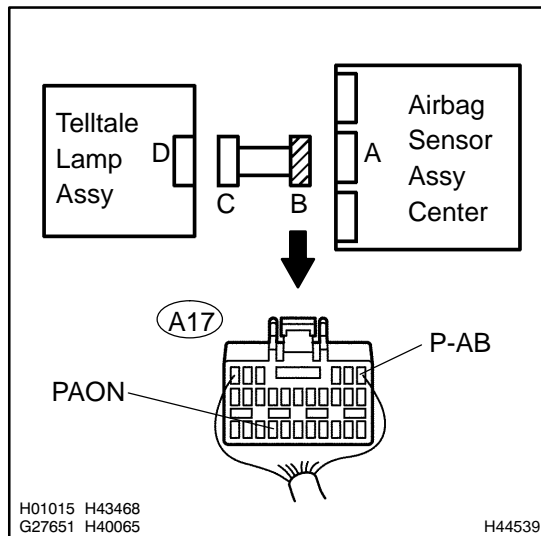
Standard:

Tester connection	Condition	Specified condition
A17-1 (P-AB) - A17-25 (PAON)	Always	Below 1 Ω

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REPAIR OR REPLACE WIRE HARNESS

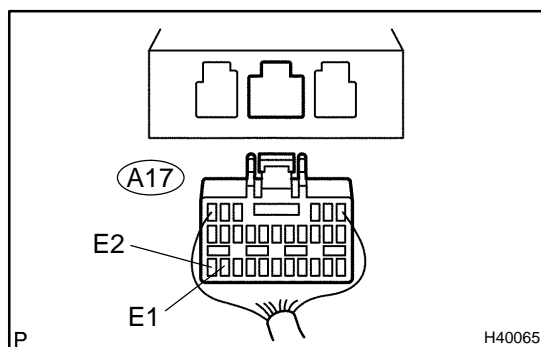
OK

8 CHECK WIRE HARNESS (TO B+)

- Disconnect the service wire from connector "C".
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position.
- Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
A17-25 (PAON) - Body ground	Ignition switch ON	Below 1 V
A17-1 (P-AB) - Body ground	Ignition switch ON	Below 1 V

NG**REPAIR OR REPLACE WIRE HARNESS****OK****9 CHECK WIRE HARNESS (AIRBAG SENSOR ASSY CENTER - BODY GROUND)**

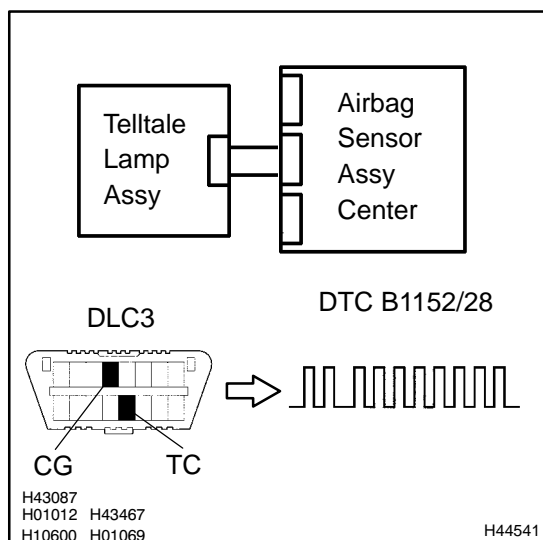
- Turn the ignition switch to the LOCK position.
- Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
A17-27 (E1) - Body ground	Always	Below 1 Ω
A17-28 (E2) - Body ground	Always	Below 1 Ω

NG**REPAIR OR REPLACE WIRE HARNESS****OK**

10 CHECK AIR BAG SENSOR ASSY CENTER



- Connect the connectors to the airbag sensor assy center.
- Connect the connector to the clock assy.
- Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Clear the DTCs stored in memory (see page 05-1215).
- Turn the ignition switch to the LOCK position.
- Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- Check the DTCs (see page 05-1215).

OK:

DTC B1152/28 is not output.

HINT:

Codes other than code B1152/28 may be output at this time, but they are not related to this check.

NG

**REPLACE AIR BAG SENSOR ASSY CENTER
(SEE PAGE 60-53)**

OK

USE SIMULATION METHOD TO CHECK