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## SYSTEM DESCRIPTION

### 1. DRIVER SEAT BELT WARNING LIGHT

- (a) When the driver seat belt is not fastened with the ignition switch ON, the driver seat belt warning light on the combination meter comes on to inform the driver. The center airbag sensor detects the driver seat belt status and sends signals to the combination meter through the CAN bus line.

### 2. PASSENGER SEAT BELT WARNING LIGHT

- (a) for Automatic air conditioning system:  
When the passenger seat belt is not fastened with the ignition switch ON and the passenger seat occupied, check that the passenger seat belt warning light on the heater control panel display blinks. The combination meter detects the passenger seat belt status and whether the passenger seat is occupied.
- (b) for Manual air conditioning system:  
When the passenger seat belt is not fastened with the ignition switch ON and the passenger seat occupied, check that the passenger seat belt warning light on the clock panel blinks. The combination meter detects the passenger seat belt status and whether the passenger seat is occupied.

## HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

- Use these procedures to troubleshoot the seat belt warning system.
- \*: Use the intelligent tester.

**1** VEHICLE BROUGHT TO WORKSHOP

NEXT

**2** INSPECT BATTERY VOLTAGE

**Standard voltage:**

**11 to 14 V**

If the voltage is below 11 V, recharge or replace the battery before proceeding.

NEXT

**3** CHECK FUNCTION OF AIRBAG SYSTEM\*

- (a) Use the intelligent tester to check if the airbag system is functioning normally.

**Result**

Result	Proceed to
DTC is not output	A
DTC is output	B

**B**

**GO TO AIRBAG SYSTEM**

A

**4** CHECK FUNCTION OF OCCUPANT CLASSIFICATION SYSTEM\*

- (a) Use the intelligent tester to check if the occupant classification system is functioning normally.

**Result**

Result	Proceed to
DTC is not output	A
DTC is output	B

**B**

**GO TO OCCUPANT CLASSIFICATION SYSTEM**

A

**5 CHECK COMMUNICATION FUNCTION OF CAN COMMUNICATION SYSTEM (CAN)\***

- (a) Use the intelligent tester to check if the CAN Communication System (CAN) is functioning normally.

**Result**

Result	Proceed to
CAN DTC is not output	A
CAN DTC is output	B

**B****GO TO CAN COMMUNICATION SYSTEM****A****6 PROBLEM SYMPTOMS TABLE****Result**

Result	Proceed to
Fault is not listed in problem symptoms table	A
Fault is listed in problem symptoms table	B

**B****Go to step 8****A****7 OVERALL ANALYSIS AND TROUBLESHOOTING\***

- (a) DATA LIST / ACTIVE TEST (see page [SB-10](#))  
 (b) Terminals of ECU (see page [SB-7](#))  
 (c) On-vehicle Inspection (see page [SB-10](#))

**NEXT****8 REPAIR OR REPLACE****NEXT****9 CONFIRMATION TEST****NEXT****END**