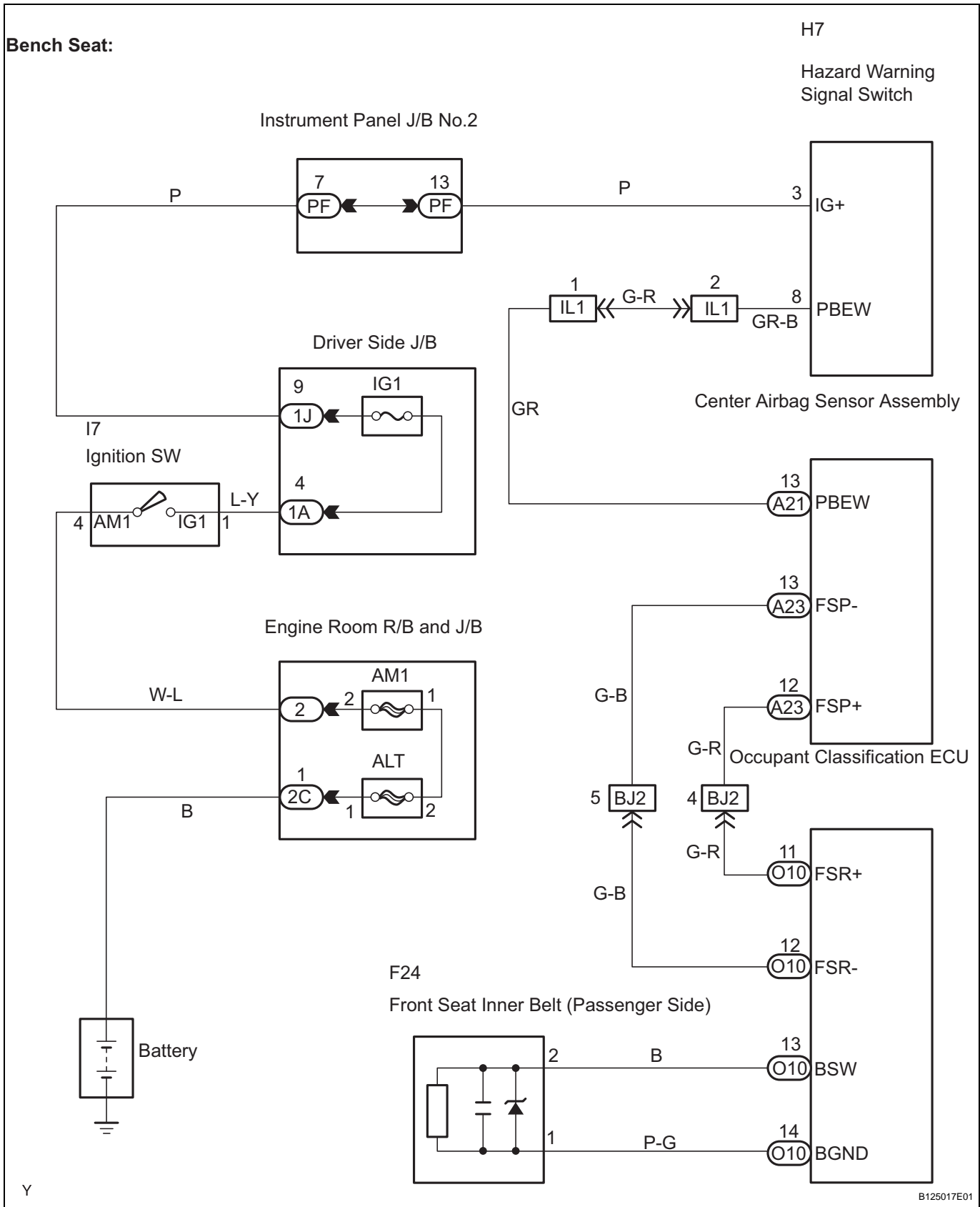
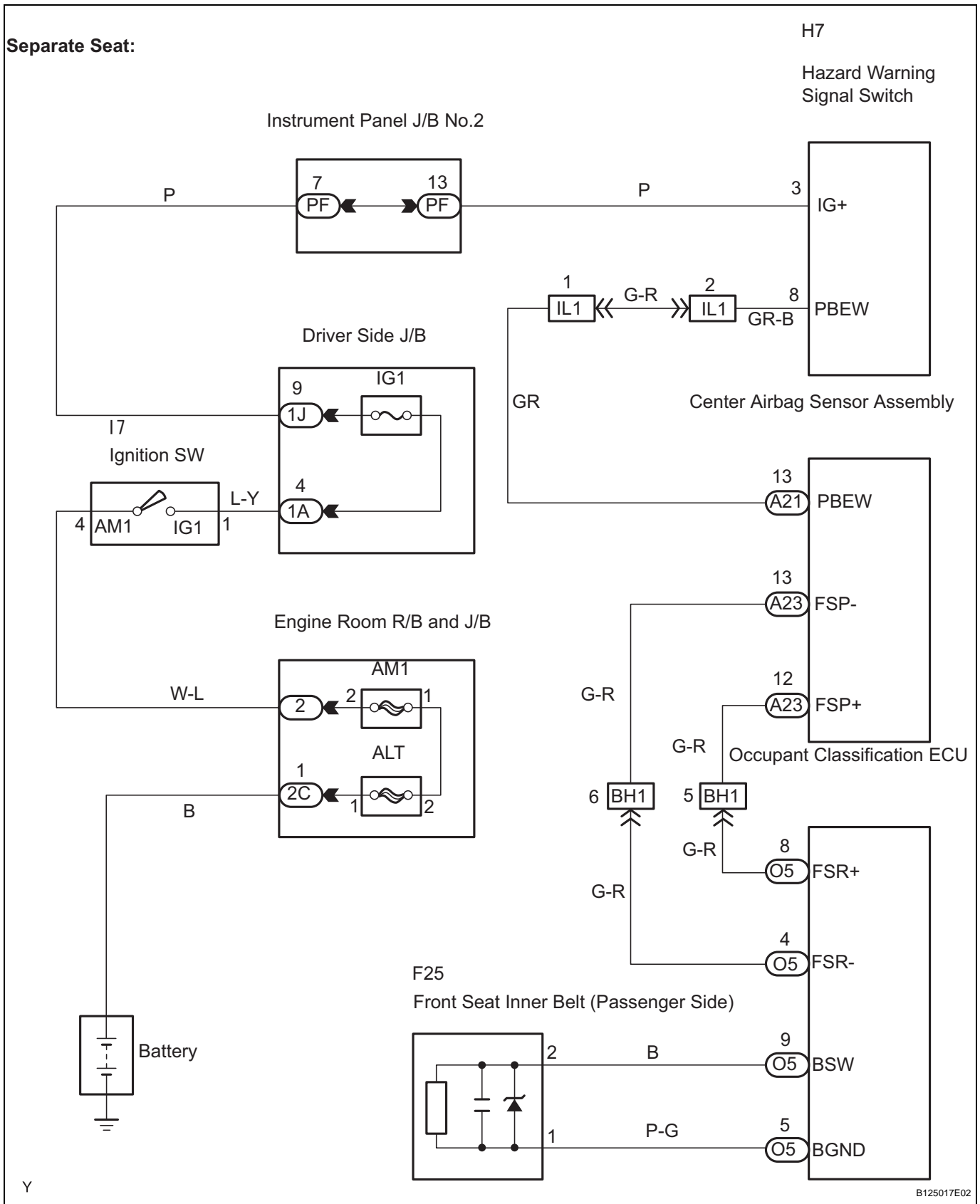


Seat Belt Warning Light for Passenger Seat does not Flash

WIRING DIAGRAM





B125017E02

HINT:

If there is an open in the ground circuit (center airbag sensor assembly), the center airbag sensor assembly outputs DTCs. Troubleshoot those DTCs by following the Supplemental Restraint System (See page RS-24).



1 CONFIRM SEAT TYPE

(a) Confirm the seat type.

Seat Type	Proceed To
Bench seat	A
Separate seat	B

B**Go to step 9****A****2 CHECK SUPPLEMENTAL RESTRAINT SYSTEM**

- (a) Connect the intelligent tester to the DLC3.
 (b) Turn the ignition switch ON and turn the tester ON.
 (c) Enter the following menus: DIAGNOSIS / SRS AIRBAG / DTC INFO

Result

Result	Proceed to
No SRS DTCs are output	A
SRS DTCs are output	B

B**GO TO SUPPLEMENTAL RESTRAINT SYSTEM****A****3 CHECK OCCUPANT CLASSIFICATION SYSTEM**

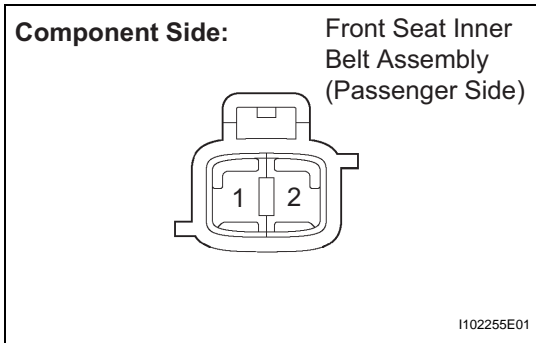
- (a) Connect the intelligent tester to the DLC3.
 (b) Turn the ignition switch ON position and turn the tester ON.
 (c) Enter the following menus: DIAGNOSIS / OCCUPANT DETECT / DTC INFO

Result

Result	Proceed to
No occupant classification system DTCs are output	A
Occupant classification system DTCs are output	B

B**GO TO OCCUPANT CLASSIFICATION SYSTEM****A**

4 INSPECT FRONT SEAT INNER BELT ASSEMBLY (PASSENGER SIDE)



- (a) Disconnect the F24 front seat inner belt assembly (passenger side) connector.
 - (b) Measure the resistance.
- Standard Resistance**

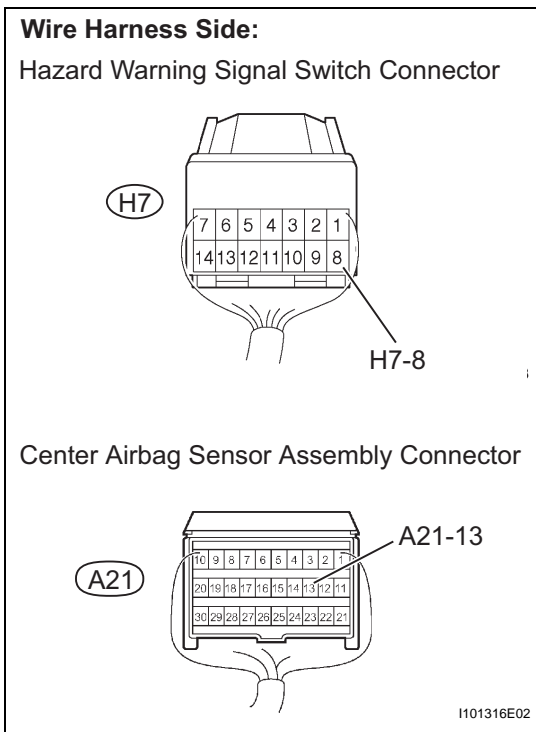
Terminal Connection	Condition	Specified Condition
1 - 2	Seat belt fastened	10 kΩ or higher
1 - 2	Seat belt unfastened	Below 1 Ω

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

NG → **REPLACE FRONT SEAT INNER BELT ASSEMBLY (PASSENGER SIDE)**

OK

5 CHECK HARNESS AND CONNECTOR (CENTER AIRBAG SENSOR ASSEMBLY - HAZARD WARNING SIGNAL SWITCH)



- (a) Disconnect the H7 hazard warning signal switch connector.
 - (b) Disconnect the A21 center airbag sensor assembly connector.
 - (c) Measure the resistance.
- Standard Resistance**

Tester Connection	Specified Condition
H7-8 - A21-13	Below 1 Ω
H7-8 or A21-13 - Body ground	10 kΩ or higher

- (d) Reconnect the center airbag sensor assembly connector.
- (e) Reconnect the hazard warning signal switch connector.

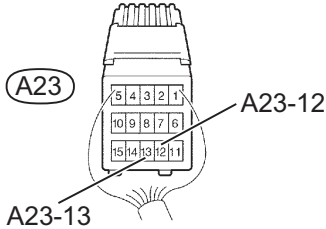
NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

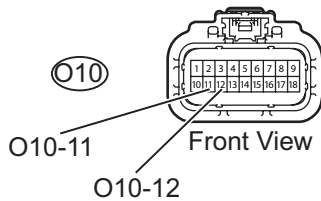
6 CHECK HARNESS AND CONNECTOR (CENTER AIRBAG SENSOR ASSEMBLY - OCCUPANT CLASSIFICATION ECU)

Wire Harness Side:

Center Airbag Sensor Assembly Connector



Occupant Classification ECU



I102251E01

- (a) Disconnect the O10 occupant classification ECU connector.
- (b) Disconnect the A23 center airbag sensor assembly connector.
- (c) Measure the resistance.

Standard Resistance

Tester Connection	Specified Condition
A23-13 - O10-12	Below 1 Ω
A23-12 - O10-11	Below 1 Ω
A23-13 or O10-12 - Body ground	10 kΩ or higher
A23-12 or O10-11 - Body ground	10 kΩ or higher

- (d) Reconnect the center airbag sensor assembly connector.
- (e) Reconnect the occupant classification ECU connector.

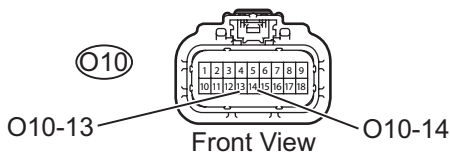
NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

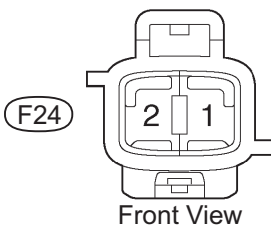
7 CHECK HARNESS AND CONNECTOR (OCCUPANT CLASSIFICATION ECU - FRONT SEAT INNER BELT ASSEMBLY)

Wire Harness Side:

Occupant Classification ECU



Front Seat Inner Belt Assembly (Passenger Side) Connector



I102252E01

- (a) Disconnect the F24 front seat inner belt assembly (passenger side) connector.
- (b) Disconnect the O10 occupant classification ECU connector.
- (c) Measure the resistance.

Standard Resistance

Tester Connection	Specified Condition
O10-13 - F24-2	Below 1 Ω
O10-14 - F24-1	Below 1 Ω
O10-13 or F24-2 - Body ground	10 kΩ or higher
O10-14 or F24-1 - Body ground	10 kΩ or higher

- (d) Reconnect the occupant classification ECU connector.
- (e) Reconnect the front seat inner belt assembly (passenger side) connector.

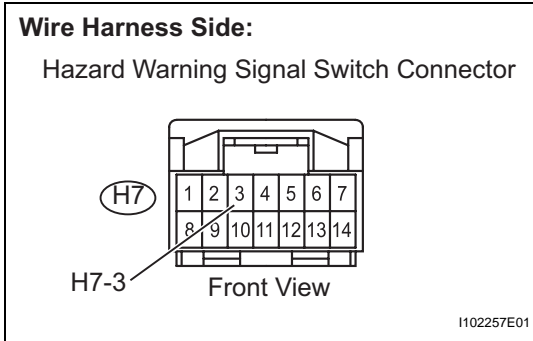
NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

8 INSPECT HAZARD WARNING SIGNAL SWITCH

- (a) Remove the hazard warning signal switch.
- (b) Disconnect the H7 hazard warning signal switch connector.
- (c) Measure the voltage.

Standard Voltage



Tester Connection	Condition	Specified Condition
H7-3 - Body ground	Ignition switch ON	10 to 14 V

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE HAZARD WARNING SIGNAL SWITCH

9 CHECK SUPPLEMENTAL RESTRAINT SYSTEM

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch ON and turn the tester ON.
- (c) Enter the following menus: DIAGNOSIS / SRS AIRBAG / DTC INFO

Result

Result	Proceed to
No SRS DTCs are output	A
SRS DTCs are output	B

B GO TO SUPPLEMENTAL RESTRAINT SYSTEM

A

10 CHECK OCCUPANT CLASSIFICATION SYSTEM

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch ON position and turn the tester ON.
- (c) Enter the following menus: DIAGNOSIS / OCCUPANT DETECT / DTC INFO

Result

Result	Proceed to
No occupant classification system DTCs are output	A

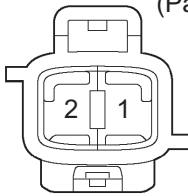
Result	Proceed to
Occupant classification system DTCs are output	B

B → **GO TO OCCUPANT CLASSIFICATION SYSTEM**

A

11 INSPECT FRONT SEAT INNER BELT ASSEMBLY (PASSENGER SIDE)

Component Side: Front Seat Inner Belt Assembly (Passenger Side)



I102254E01

- (a) Disconnect the F25 front seat inner belt assembly (passenger side) connector.
- (b) Measure the resistance.

Standard Resistance

Tester Connection	Condition	Specified Condition
1 - 2	Seat belt fastened	10 kΩ or higher
1 - 2	Seat belt unfastened	Below 1 Ω

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

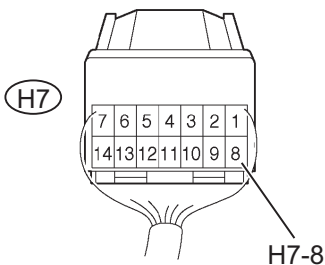
NG → **REPLACE FRONT SEAT INNER BELT ASSEMBLY (PASSENGER SIDE)**

OK

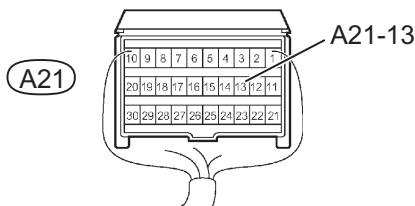
12 CHECK HARNESS AND CONNECTOR (CENTER AIRBAG SENSOR ASSEMBLY - HAZARD WARNING SIGNAL SWITCH)

Wire Harness Side:

Hazard Warning Signal Switch Connector



Center Airbag Sensor Assembly Connector



I101316E01

- (a) Disconnect the H7 hazard warning signal switch connector.
- (b) Disconnect the A21 center airbag sensor assembly connector.
- (c) Measure the resistance.

Standard Resistance

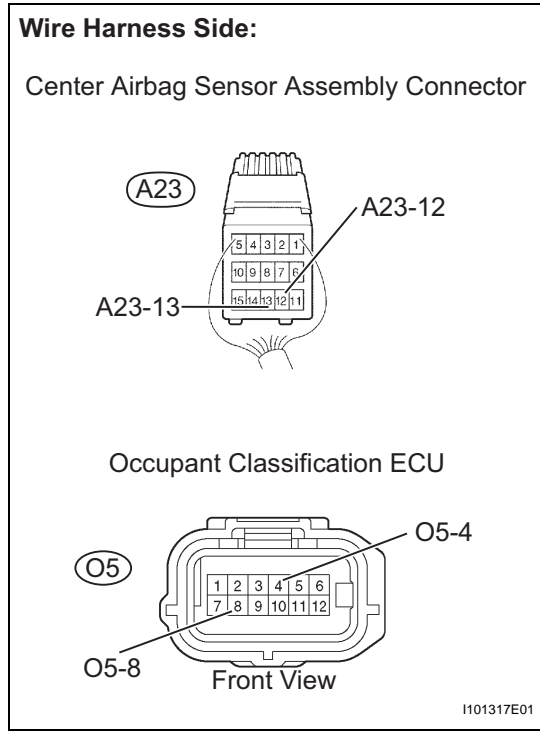
Tester Connection	Specified Condition
H7-8 - A21-13	Below 1 Ω
H7-8 or A21-13 - Body ground	10 kΩ or higher

- (d) Reconnect the center airbag sensor assembly connector.
- (e) Reconnect the hazard warning signal switch connector.

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

13 CHECK HARNESS AND CONNECTOR (CENTER AIRBAG SENSOR ASSEMBLY - OCCUPANT CLASSIFICATION ECU)



- (a) Disconnect the O5 occupant classification ECU connector.
- (b) Disconnect the A23 center airbag sensor assembly connector.
- (c) Measure the resistance.

Standard Resistance

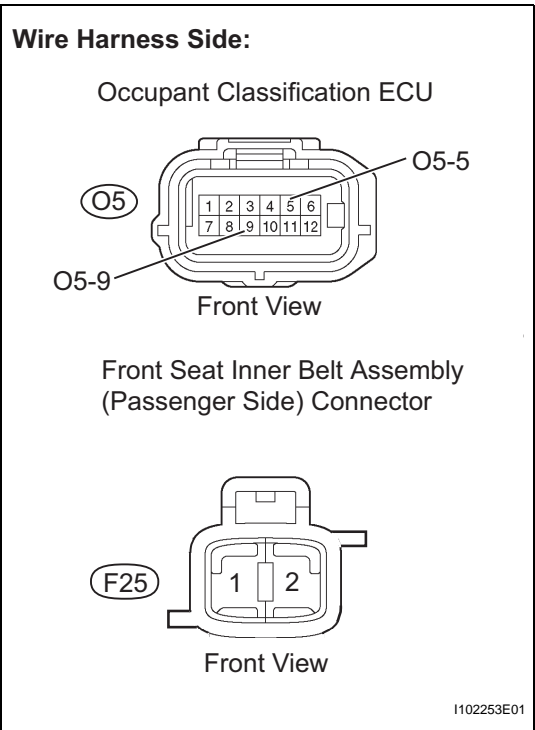
Tester Connection	Specified Condition
A23-13 - O5-4	Below 1 Ω
A23-12 - O5-8	Below 1 Ω
A23-13 or O5-4 - Body ground	10 k Ω or higher
A23-12 or O5-8 - Body ground	10 k Ω or higher

- (d) Reconnect the center airbag sensor assembly connector.
- (e) Reconnect the occupant classification ECU connector.

NG REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

14 CHECK HARNESS AND CONNECTOR (OCCUPANT CLASSIFICATION ECU - FRONT SEAT INNER BELT ASSEMBLY)



- (a) Disconnect the F25 front seat inner belt assembly (passenger side) connector.
- (b) Disconnect the O5 occupant classification ECU connector.
- (c) Measure the resistance.

Standard Resistance

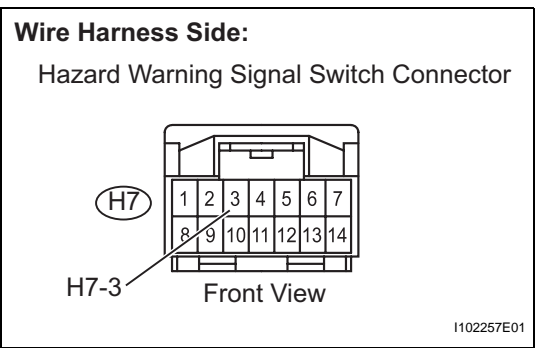
Tester Connection	Specified Condition
O5-9 - F25-2	Below 1 Ω
O5-5 - F25-1	Below 1 Ω
O5-9 or F25-2 - Body ground	10 kΩ or higher
O5-9 or F25-1 - Body ground	10 kΩ or higher

- (d) Reconnect the occupant classification ECU connector.
- (e) Reconnect the front seat inner belt assembly (passenger side) connector.

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

15 INSPECT HAZARD WARNING SIGNAL SWITCH



- (a) Remove the hazard warning signal switch.
- (b) Disconnect the H7 hazard warning signal switch connector.
- (c) Measure the voltage.

Standard Voltage

Tester Connection	Condition	Specified Condition
H7-3 - Body ground	Ignition switch ON	10 to 14 V

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE HAZARD WARNING SIGNAL SWITCH