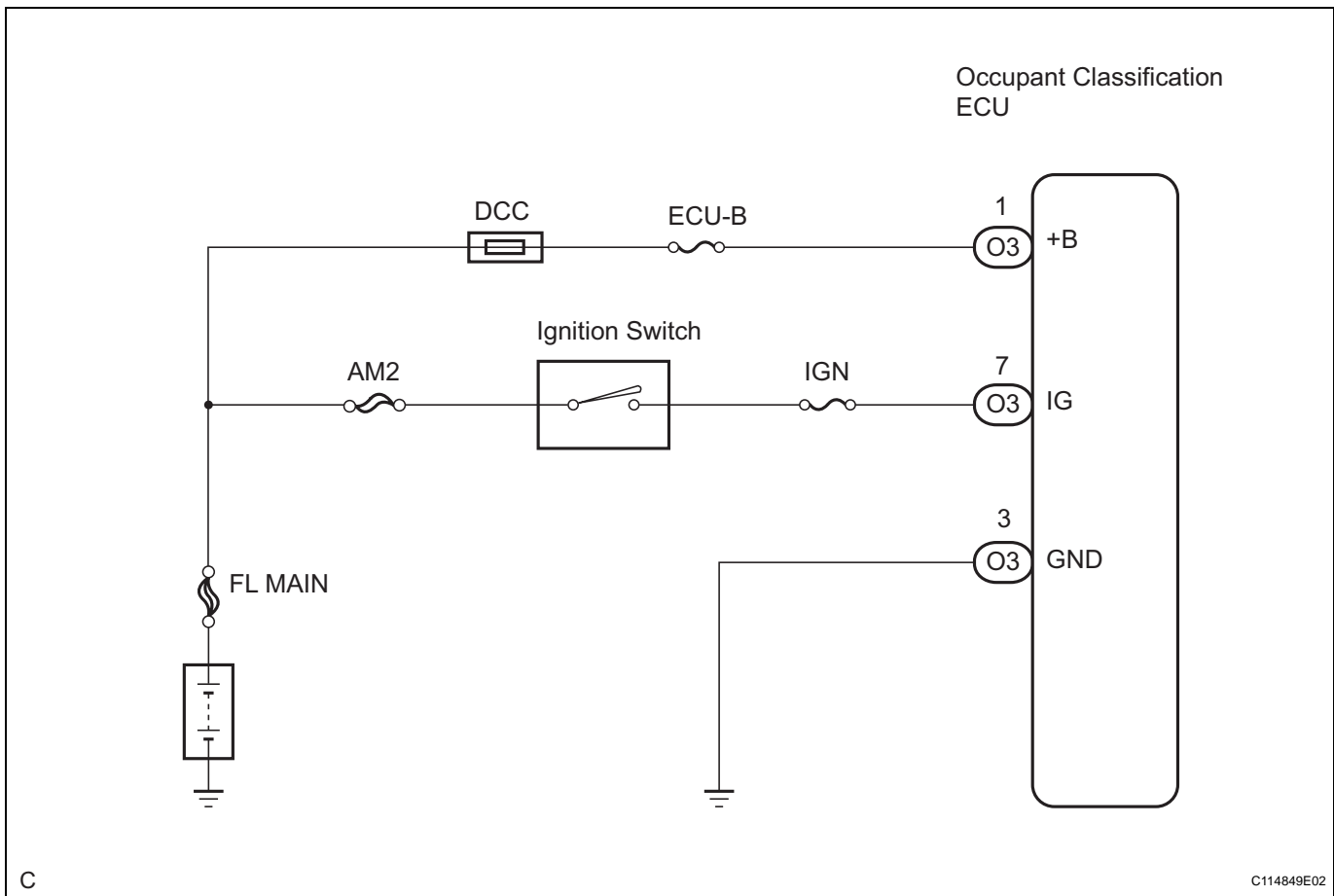


DTC**B1795****Occupant Classification ECU Malfunction****DESCRIPTION**

DTC B1795 is recorded when a malfunction is detected in the occupant classification ECU.
 Troubleshoot DTC B1771 first when the DTCs B1771 and B1795 are output simultaneously.

DTC No.	DTC Detecting Condition	Trouble Area
B1795	<ul style="list-style-type: none"> The occupant classification ECU receives the ignition switch LOCK to ON signal 50 times in a row when a malfunction occurs in the power circuit for the occupant classification ECU (LOCK to ON to LOCK should be counted as 1 time). Occupant classification ECU circuit malfunction The occupant classification ECU receives a short circuit to ground signal in the passenger side buckle switch circuit for 2 seconds. Occupant classification ECU malfunction 	<ul style="list-style-type: none"> Battery ECU-B Fuse Floor wire Front seat wire RH Front seat inner belt assembly RH (Buckle switch RH) Occupant classification ECU

RS**WIRING DIAGRAM****1****CHECK DTC**

- Turn the ignition switch to the ON position, and wait for at least 10 seconds.
- Check the DTCs (See page [RS-310](#)).

Result:

A:

DTCs B1771 and B1795 are output.

B:

DTC B1795 is output.

HINT:

Codes other than DTC B1771 and B1795 may be output at this time, but they are not related to this check.

A → **GO TO DTC B1771**

B

2 CHECK FUSE

RS

(a) Measure the resistance of the ECU-B fuse.

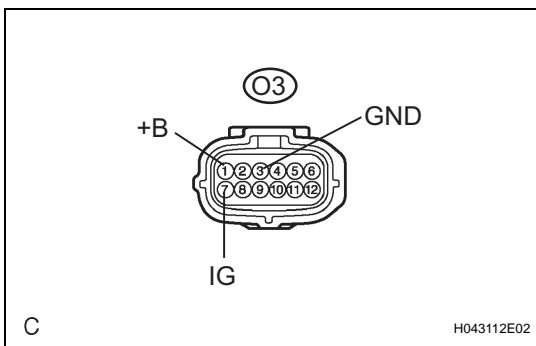
Resistance:

Below 1 Ω

NG → **REPLACE FUSE**

OK

3 CHECK WIRE HARNESS (SOURCE VOLTAGE)



- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery.
- (c) Disconnect the connector from the occupant classification ECU.
- (d) Connect the negative (-) terminal cable to the battery.
- (e) Turn the ignition switch to the ON position.
- (f) Measure the voltage according to the value(s) in the table below.

Voltage

Tester connection	Condition	Specified condition
O3-1 (+B) - Body ground	Always	10 to 14 V
O3-7 (IG) - Body ground	Ignition switch ON	10 to 14 V

- (g) Turn the ignition switch to the LOCK position.
- (h) Measure the resistance according to the value(s) in the table below.

Resistance

Tester connection	Condition	Specified condition
O3-3 (GND) - Body ground	Always	Below 1 Ω

NG → **REPAIR OR REPLACE WIRE HARNESS**

OK

4 REPLACE OCCUPANT CLASSIFICATION ECU

- (a) Turn the ignition switch to the LOCK position.
 - (b) Disconnect the negative (-) terminal cable from the battery.
 - (c) Replace the occupant classification ECU (See page [RS-457](#)).
- HINT:**
Perform the inspection using parts from a normal vehicle if possible.

RS **NEXT****5 PERFORM ZERO POINT CALIBRATION**

- (a) Connect the negative (-) terminal cable to the battery.
- (b) Connect the intelligent tester to the DLC3.
- (c) Turn the ignition switch to the ON position.
- (d) Using the intelligent tester, perform "Zero point calibration" (See page [RS-303](#)).

OK:**The "COMPLETED" is displayed.****NEXT****6 PERFORM SENSITIVITY CHECK**

- (a) Using the intelligent tester, perform "Sensitivity check" (See page [RS-303](#)).

Standard values:**27 to 33 kg (59.52 to 72.75 lb)****NEXT****END**