

DTC	B1795	OCCUPANT CLASSIFICATION ECU MALFUNCTION
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CIRCUIT DESCRIPTION

DTC B1795 is recorded when a malfunction is detected in the occupant classification ECU.

Troubleshoot DTC B1771 first when the DTC B1771 and B1795 are output simultaneously.

DTC No.	DTC Detecting Condition	Trouble Area
B1795	<ul style="list-style-type: none"> • Occupant classification ECU circuit malfunction • Occupant classification ECU malfunction • When the occupant classification ECU receives a short to ground signal in the passenger side buckle switch circuit for 2 seconds. • 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 once). 	<ul style="list-style-type: none"> • Occupant classification ECU • Front seat wire RH • ECU-B Fuse • Front seat inner belt assy RH (Buckle switch RH)

HINT:

- When DTC B1150/23 is detected as a result of troubleshooting for the supplemental restraint system, perform troubleshooting for DTC B1795 of the occupant classification sensor.
- Use the hand-held tester to check the DTC of the occupant classification ECU, otherwise the DTC cannot be read.

INSPECTION PROCEDURE

1 CHECK DTC

- (a) Turn the ignition switch to the ON position, and wait for at least 10 seconds.
 (b) Using the hand-held tester, check the DTCs (see page 05-1215).

Result:

A: DTC B1771 and B1795 are output.

B: DTC B1795 is output.

HINT:

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

A

GO TO DTC B1771 (SEE PAGE 05-1446)

B

2 CHECK FUSE

- (a) Check the ECU-B fuse.

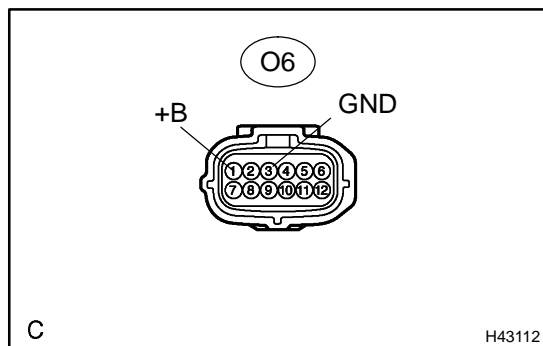
Standard: Below 1 Ω

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, and wait for at least 90 seconds.
 (c) Disconnect the "O6" 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 and resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
O6-1 (+B) - Body ground	Ignition switch ON	10 to 14 V
O6-3 (GND) - Body ground	Always	Below 1 Ω

NG

REPAIR OR REPLACE WIRE HARNESS OR BATTERY

OK

CHECK USE SIMULATION METHOD TO CHECK (SEE PAGE 05-1207)

4	REPLACE OCCUPANT CLASSIFICATION ECU
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- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Replace the occupant classification ECU (see page [60-64](#)).



5	PERFORM ZERO POINT CALIBRATION
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- (a) Using the hand-held tester, perform "Zero point calibration" (see page [05-1203](#)).

OK:

The "COMPLETED" is displayed.



6	PERFORM SENSITIVITY CHECK
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- (a) Using the hand-held tester, perform "Sensitivity check" (see page [05-1203](#)).

Standard value: 27 to 33 kg (59.52 to 72.75 lb)



END
