

## Tech Diagnosis results

### OCCUPANT DETECTION(DIAGNOSTICS) > Diagnostic Procedure with Diagnostic Trouble Code (DTC)

#### DTC B1760 OCCUPANT DETECTION SENSOR MAT

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##### Diagnosis start condition:

When the ignition voltage is 8 V — 16 V

##### DTC detecting condition:

- Occupant detection sensor is faulty.
- Occupant detection sensor circuit is open, shorted between terminals, shorted to power supply or shorted to ground.
- Seat heater circuit is open.
- Occupant detection control module is faulty.

#### 1. CHECK AIRBAG WARNING LIGHT.

Check whether or not the airbag warning light illuminate.

Does it illuminate? **Yes**

 Yes

 [Go to 2.](#)
 No

Read the DTC, and if DTC 1760 is recorded as a past malfunction,  [Go to 3.](#)

#### 2. CHECK STATUS OF PASSENGER'S SEAT.

Check if the passenger's seat cushion is wet.

Is it wet? **No**

 Yes

 [Go to 3.](#)
 No

 [Go to 4.](#)

### 3. DRY PASSENGER'S SEAT.

Dry the passenger's seat well naturally.

Is it dry?


Yes

 [Go to 4.](#)

No

After drying well,  [Go to 4.](#)


### 4. CHECK DTC.

Read the DTC of the occupant detection system.  [Ref. to OCCUPANT DETECTION \(DIAGNOSTICS\)>Diagnostic Trouble Code \(DTC\)>OPERATION > OCCUPANT DETECTION SYSTEM.](#)

Is DTC B1760 (current malfunction) displayed again?

**Yes**

Yes

When DTC B1760 is displayed,  [Go to 5.](#)

No

Clear the memory.  [Ref. to OCCUPANT DETECTION\(DIAGNOSTICS\)>Clear memory>OPERATION > OCCUPANT DETECTION SYSTEM.](#)


### 5. CHECK POOR CONTACT OF CONNECTORS.

Check for poor contact of connectors between the occupant detection control module and the occupant detection sensor.


Is there poor contact of connector?

**No**

Yes

When the connector is not fully connected, reconnect the connector correctly. Replace the faulty harness if the connector is faulty. (Replace the occupant detection harness or replace the occupant detection system (passenger's & frame assembly)).  [Ref. to SEATS>Front Seat>DISASSEMBLY > PASSENGER'S SEAT.](#)

No

Replace the occupant detection system (passenger's & frame assembly).  [Ref. to SEATS>Front Seat>DISASSEMBLY > PASSENGER'S SEAT.](#)