

GENERIC · BODY

B0247

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

B0247

Passenger Window Switch Circuit

B0247 indicates that the body control module (BCM) has detected a fault in the passenger window switch circuit, which typically involves the switch on the passenger door that controls that window. The BCM monitors the circuit for abnormal voltage or current and sets this code when the signal does not match expected values, often due to an open, short, or faulty switch.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Body	Generic (all makes)	Low	Intermediate	Airbags, seats, doors, lights and comfort systems

Symptoms you may notice

- The passenger window may not operate from its local switch, though it might still work from the driver's master switch.
- The window may move in only one direction or not at all when using the passenger switch.
- The window may operate intermittently or stop unexpectedly during travel.
- Often no symptoms besides the warning light, especially if the window is rarely used.
- The driver's master switch may still control the passenger window normally, masking the issue.

Common causes, most likely first

- Faulty passenger window switch (most common).
- Damaged wiring or connector at the passenger switch or door jamb.
- Open or short circuit in the passenger window switch circuit.
- Failed body control module (BCM) or window control module.
- Corrosion or water intrusion in the door connector or switch.
- Binding window regulator or motor causing excessive current draw.

How to diagnose and fix it

- Verify the passenger window operates from both the passenger switch and the driver's master switch to confirm the fault.
- Inspect the passenger window switch for physical damage, sticking, or corrosion.
- Check the wiring and connector at the passenger switch for looseness, corrosion, or damage.
- Test the switch with a multimeter for continuity in both up and down positions.
- Check for power and ground at the switch connector with the ignition on.
- If the switch and wiring are good, test the window motor and regulator for binding or excessive current draw.
- If all else fails, diagnose the BCM or window control module for internal faults.

Before you replace the passenger window switch

- A binding window regulator or failing motor can cause the BCM to set this code by drawing excessive current, so always check window movement before condemning the switch.
- Water intrusion into the passenger door connector is a common cause that people miss, especially after heavy rain or car washes.
- The driver's master switch can sometimes mask a faulty passenger switch, so test the passenger window from both locations.
- Aftermarket window tint or improper door panel removal can damage the switch wiring, leading to this code.
- The BCM may set this code if the passenger window switch is unplugged, so check for recent door repairs or audio installations.

Can I keep driving with B0247?

This code is low severity and does not affect vehicle safety or drivability, so you can continue driving. Avoid using the passenger window until repaired to prevent further damage, and if the window is stuck open, cover it to protect the interior.

Tools that help

- Multimeter
- Trim removal tool
- Test light
- Socket set
- Wiring diagram

Reading B0247

- B** Body: airbags, seats, doors, lights and comfort systems.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 2** Airbags, seats, doors, lights and comfort systems.
- 47** The exact fault within that area.

Often seen with

B0250 HVAC Air Temperature Internal Sensor Circuit · **U0208** Lost Communication With 'Seat Control Module A'



See it working

Watch the animated explainer [How a Wideband Air-Fuel Sensor Works](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/b0247/>

