

GENERIC · BODY

B00F2

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

B00F2

Second Row Left Inflatable Seat Belt Deployment Control

B00F2 indicates that the restraint control module has detected a fault in the deployment circuit for the second-row left inflatable seat belt, which is a seat belt with a built-in airbag designed to spread crash forces. The module monitors the circuit's resistance and continuity and sets this code when the readings fall outside the expected range, which can prevent that belt from deploying in a collision.

SYSTEM

Body

CODE TYPE

Generic (all makes)

SEVERITY

High

FIX DIFFICULTY

Professional

AREA

Airbags, seats, doors, lights and comfort systems

Symptoms you may notice

- The supplemental restraint system (SRS) warning light stays illuminated on the dashboard.
- A message such as 'Check Airbag' or 'Service Restraint System' appears in the driver information center.
- The second-row left inflatable seat belt may not deploy in a crash, reducing protection for that occupant.
- Often no symptoms besides the warning light, because the fault is electrical and does not affect normal driving.
- In some vehicles, other restraint functions may be disabled or the airbag system may enter a default mode.

Common causes, most likely first

- 1 A damaged or disconnected electrical connector at the inflatable seat belt buckle or retractor.
- 2 A frayed, pinched, or broken wire in the seat belt deployment circuit, often caused by seat movement or cargo.
- 3 A faulty inflatable seat belt module (the belt's integrated airbag initiator) with incorrect internal resistance.
- 4 Corrosion or water intrusion in the connector or wiring harness under the second-row seat.
- 5 A defective restraint control module (RCM) that misreads the circuit, though this is less common.
- 6 Aftermarket accessories or spilled liquids that disturb the seat belt wiring or connectors.



How to diagnose and fix it

- 1 Inspect the second-row left seat belt connectors for looseness, corrosion, or damage, and reseal them firmly.
- 2 Check the wiring harness along the seat frame and under the seat for pinches, cuts, or chafing, and repair as needed.
- 3 Measure the resistance of the inflatable seat belt deployment circuit with a digital multimeter and compare it to the manufacturer's specification.
- 4 If resistance is out of range, disconnect the belt module and measure again to isolate whether the fault is in the belt or the vehicle wiring.
- 5 Substitute a known-good inflatable seat belt module only for testing, then replace the faulty belt assembly if it is confirmed defective.
- 6 Clear the diagnostic trouble codes and verify that the SRS light goes out and the code does not return after a test drive.
- 7 If the fault persists after circuit repairs, follow the manufacturer's diagnostic flow for the restraint control module, including reprogramming or replacement if required.

Inflatable Seat Belt Circuit Checks

- A common mistake is replacing the inflatable seat belt assembly before checking the connector under the seat, which is frequently disturbed during cleaning or cargo loading.
- The code can be set by a low battery or a voltage spike during jump-starting, so always clear the code and recheck before condemning any part.
- Inflatable seat belts are often mistaken for standard seat belts, but their deployment circuit is monitored separately and requires a specific resistance value.
- Seat belt pretensioner codes and inflatable seat belt codes can be stored together, so diagnose all restraint codes before replacing parts.
- After any repair, the SRS system may need a scan-tool reset or calibration procedure to turn off the warning light, even if the fault is fixed.

Can I keep driving with B00F2?

The vehicle remains driveable, but the second-row left inflatable seat belt may not deploy in a crash, so avoid carrying passengers in that seat until the fault is repaired. Have the system diagnosed promptly, and do not attempt to repair the belt module yourself because it contains an explosive charge.

Tools that help

- OBD-II scan tool with SRS capability
- Digital multimeter
- Trim removal tools
- Manufacturer service information for circuit specifications
- Torque wrench for seat belt fasteners



Reading B00F2

- B** Body: airbags, seats, doors, lights and comfort systems.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 0** Airbags, seats, doors, lights and comfort systems.
- F2** The exact fault within that area.

Often seen with

B0010 Driver Frontal Stage 2 Deployment Control Circuit · **B0011** Right Front/Passenger Frontal Stage 2 Deployment Control · **B00F1** Passenger Inflatable Seat Belt Deployment Control · **B00F3** Second Row Center Inflatable Seat Belt Deployment Control · **B00F4** Second Row Right Inflatable Seat Belt Deployment Control

See it working

Watch the animated explainer [How Airbags Work: A 50 km/h Crash in Slow Motion](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/b00f2/>

