

GENERIC · BODY

B00F4

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

B00F4

Second Row Right Inflatable Seat Belt Deployment Control

B00F4 is a body code indicating that the second row right inflatable seat belt deployment control circuit has a fault, meaning the restraint control module detected an abnormal condition in the wiring, connector, or inflator of that specific seat belt. The module monitors circuit resistance and continuity, and it sets this code when the signal falls outside the expected range, disabling deployment of that belt's inflator until repaired.

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 airbag or supplemental restraint system warning light stays illuminated on the dashboard.
- A chime or message may appear on the driver information center stating a restraint system fault.
- The second row right inflatable seat belt may not deploy in a collision, reducing occupant protection.
- Often no symptoms besides the warning light, with the belt functioning normally as a conventional restraint.
- In some vehicles, other restraint functions may be inhibited or the system may default to a reduced deployment strategy.

Common causes, most likely first

- 1 Damaged or chafed wiring in the seat belt buckle or retractor harness, often from seat movement or cargo loading.
- 2 Corroded or loose electrical connector at the inflatable seat belt inflator or at the restraint control module.
- 3 Failed inflatable seat belt inflator assembly, including an open squib or internal short.
- 4 Water intrusion or physical damage to the seat belt assembly from spills, accidents, or improper cleaning.
- 5 Faulty restraint control module, though this is less common and should be confirmed after circuit testing.
- 6 Aftermarket accessories or previous repairs that tapped into the restraint wiring and altered resistance.



How to diagnose and fix it

- 1 Inspect the second row right seat belt wiring and connectors for visible damage, corrosion, or loose pins, and repair as needed.
- 2 Disconnect the battery and wait the recommended time, then use a multimeter to check resistance across the inflator squib circuit and compare to specification.
- 3 Perform a continuity and short-to-ground test on each wire from the restraint control module to the seat belt inflator connector.
- 4 Substitute a known-good inflatable seat belt assembly or a simulator to isolate whether the fault is in the belt or the vehicle wiring.
- 5 Clear the code and recheck; if it returns, follow the manufacturer's diagnostic flow chart for the specific circuit code.
- 6 If the inflator is faulty, replace the seat belt assembly with a new unit and verify the repair with a scan tool.
- 7 Confirm the repair by clearing codes, cycling the ignition, and ensuring the restraint warning light operates correctly.

What technicians miss on inflatable belt codes

- A common oversight is assuming the inflator is bad when the real fault is a chafed wire under the second row seat where cargo or child seats have rubbed through insulation.
- The code can be set by a disconnected or poorly seated connector after seat removal for cleaning or cargo hauling, so always check connector lock tabs before condemning parts.
- Resistance tests on inflatable seat belt squibs must be done with a meter that does not send current through the circuit, and the battery must be disconnected to avoid accidental deployment.
- Some vehicles require recalibration or a learn procedure after replacing a restraint component, and skipping it can leave the warning light on even with a correct repair.
- This code does not always mean the belt is unsafe to use as a normal seat belt; the inflatable function may be disabled while the conventional latching and retracting still work.

Can I keep driving with B00F4?

Because this fault can prevent the inflatable seat belt from deploying in a crash, have it diagnosed promptly and avoid using that seating position for passengers until repaired. The vehicle remains driveable, but treat the restraint system warning as a safety priority.



Tools that help

- OBD-II scan tool with body code and live data capability
- Digital multimeter with low-current resistance measurement
- Manufacturer service information and wiring diagrams
- Trim removal tools for accessing seat belt anchors and connectors
- Battery disconnect tool and memory saver
- Inflator simulator or known-good seat belt assembly for testing

Reading B00F4

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.
F4	The exact fault within that area.

Often seen with

B00F0 Driver Inflatable Seat Belt Deployment Control · **B00F1** Passenger Inflatable Seat Belt Deployment Control · **B00F2** Second Row Left Inflatable Seat Belt Deployment Control · **B00F3** Second Row Center Inflatable Seat Belt Deployment Control · **B00F5** Third Row Left 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/b00f4/>

