

GENERIC · BODY

B00F0

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

B00F0

Driver Inflatable Seat Belt Deployment Control

B00F0 is a body code indicating that the inflatable seat belt deployment control circuit has a fault, meaning the restraint control module cannot properly command the inflatable seat belt to deploy in a crash. The module monitors the circuit for opens, shorts, or abnormal resistance and sets this code when the signal is outside the expected range.

SYSTEM

Body

CODE TYPE

Generic (all makes)

SEVERITY

High

FIX DIFFICULTY

Professional

AREA

Airbags, seats, doors, lights and comfort systems

Symptoms you may notice

- Airbag or supplemental restraint system (SRS) warning light illuminated on the dashboard
- Seat belt warning light may also be on, even when the belt is buckled
- Inflatable seat belt may not deploy in a collision, reducing occupant protection
- Often no symptoms besides the warning light, with no noticeable change in vehicle operation
- In some vehicles, a message on the driver information center stating 'Service Restraint System' or similar

Common causes, most likely first

- 1 Faulty inflatable seat belt module or its internal squib, which can fail open or shorted
- 2 Damaged wiring or connector at the seat belt buckle or retractor, often due to seat movement or pinching
- 3 Corroded or loose electrical connector pins in the seat belt circuit
- 4 Failed restraint control module (RCM) or airbag control unit, though less common
- 5 Water intrusion or physical damage to the seat belt assembly from spills or accidents
- 6 Aftermarket accessories or improper previous repairs interfering with the circuit



How to diagnose and fix it

- 1 Connect a scan tool and retrieve all stored codes, then record freeze-frame data and perform a visual inspection of the seat belt wiring and connectors
- 2 Check for technical service bulletins (TSBs) or recalls related to the inflatable seat belt system for the specific vehicle
- 3 Disconnect the battery and wait the recommended time, then inspect the seat belt squib connector for corrosion, damage, or loose pins
- 4 Measure resistance across the inflatable seat belt squib with a digital multimeter and compare to the manufacturer's specification
- 5 Perform a wiggle test on the wiring harness while monitoring resistance to identify intermittent faults
- 6 If the squib resistance is out of spec, replace the inflatable seat belt assembly as a unit, following all safety procedures
- 7 After repair, clear codes and verify the SRS warning light goes out and stays off during a test drive

Inflatable Seat Belt Circuit Diagnosis Traps

- Many technicians replace the inflatable seat belt assembly without first checking the connector under the seat, which is a common failure point due to repeated seat adjustment.
- The code can be set by a low battery or voltage spike during jump-starting, so always verify battery health and clear codes to see if the fault returns before condemning parts.
- Inflatable seat belts are often confused with standard pretensioners; the deployment control circuit is separate and requires specific resistance checks that differ from conventional seat belt systems.
- A faulty clock spring or wiring in the steering column can sometimes trigger this code if the vehicle uses a shared communication bus for restraint signals, so don't overlook related circuits.
- After any repair, the restraint control module may need to be recalibrated or the seat belt system reinitialized with a scan tool, which many DIYers miss.

Can I keep driving with B00F0?

It is not safe to drive with this code because the inflatable seat belt may not deploy in a crash, compromising occupant protection. Have the vehicle diagnosed and repaired by a qualified technician before driving, and avoid any impact to the seat belt components.

Tools that help

- OBD-II scan tool with SRS capabilities
- Digital multimeter (DMM)
- Battery disconnect tool or wrench
- Trim removal tools for accessing connectors
- Manufacturer service information for resistance specifications



Reading B00F0

- 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.
- F0** The exact fault within that area.

Often seen with

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 · **B00F4** Second Row Right 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/b00f0/>

