

GENERIC · BODY

B0002

OBD-II TROUBLE CODE

B0002

Driver Frontal Stage 2 Deployment Control

B0002 indicates that the airbag control module has detected a fault in the deployment circuit for the second stage of the driver's frontal airbag, which is the higher-power charge used in more severe crashes. The module monitors circuit resistance and continuity and sets this code when the readings fall outside the expected range, disabling that stage to prevent an accidental deployment.

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

Symptoms you may notice

- Airbag warning light illuminated on the instrument cluster
- SRS (Supplemental Restraint System) warning message displayed on the driver information center
- Often no symptoms besides the warning light, with the vehicle driving normally
- The airbag system may be disabled, so the driver's frontal airbag may not deploy in a crash
- In some vehicles, other safety systems such as seatbelt pretensioners may be affected

Common causes, most likely first

- Damaged or disconnected wiring in the driver's airbag squib circuit, often at the clockspring
- Faulty clockspring (spiral cable) that has worn through from repeated steering wheel rotation
- Poor electrical connection at the airbag module or under-seat connectors
- Failed driver's airbag module (the inflator assembly itself)
- Corrosion or water intrusion in the airbag wiring harness or connectors
- Internal fault in the airbag control module (less common)

How to diagnose and fix it

- Connect a scan tool and record all SRS codes and freeze-frame data before clearing anything
- Inspect the driver's airbag wiring and connectors for damage, corrosion, or loose pins
- Check the clockspring continuity and resistance with a multimeter, following the manufacturer's procedure
- Perform a resistance test on the stage 2 deployment circuit to compare against specifications
- If the circuit tests good, substitute a known-good airbag module or use a simulator to isolate the fault
- Repair or replace the faulty clockspring, wiring, or airbag module as needed
- Clear the codes and verify the airbag light goes out and stays off after a test drive



Don't overlook the clockspring or wiring

- The clockspring is the most common failure point for driver airbag codes because it flexes every time the steering wheel turns and eventually breaks internally.
- A code B0002 does not always mean the airbag itself is bad; circuit resistance problems often trace back to connectors or wiring rather than the inflator.
- Some vehicles require the battery to be disconnected and a waiting period before working on airbag circuits to prevent accidental deployment.
- After any repair, the airbag module may need to be reset or reprogrammed with a scan tool before the light will clear.
- Related codes such as B0001 (stage 1) or B0012 (passenger airbag) may also be present if the fault is in shared wiring or the control module.

Can I keep driving with B0002?

Because this code can disable the driver's frontal airbag, the vehicle should not be driven until the fault is repaired. If you must move the car, drive directly to a repair facility and avoid any situation where a crash is likely.

Tools that help

- OBD-II scan tool with SRS capabilities
- Digital multimeter
- Airbag simulator tool
- Trim removal tools
- Service manual with wiring diagrams

Reading B0002

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

Often seen with

B0001 Driver Frontal Stage 1 Deployment Control Circuit · **B0012** Right Front/Passenger Frontal Stage 2 Deployment Control · **B0013** Passenger Knee Bolster Deployment Control · **B0014** Driver Knee Airbag Deployment Control · **B0015** Passenger Knee Airbag 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/b0002/>

