

GENERIC · BODY

B00D2

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

B00D2

Restraint System Malfunction Indicator 1

B00D2 is a generic body code indicating that the restraint control module has detected a fault within the restraint system malfunction indicator circuit, which is the warning lamp and its driver circuitry on the instrument cluster. The module monitors the lamp output and sets this code when the circuit does not respond as expected during self-test or continuous monitoring.

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

Symptoms you may notice

- The airbag or supplemental restraint system warning light stays illuminated after the bulb check
- The restraint warning light may flash intermittently or fail to come on at all during key-on
- Other restraint system codes may be stored alongside B00D2 in the same module
- Often no symptoms besides the warning light, with no change in vehicle driveability
- A chime or message may appear on the driver information center in some vehicles
- The lamp may work correctly at times and fail only under certain temperature or vibration conditions

Common causes, most likely first

- Failed or failing restraint system warning lamp bulb or light-emitting diode assembly in the instrument cluster
- Open or high-resistance wiring between the restraint control module and the instrument cluster lamp circuit
- Poor terminal tension or corrosion at the restraint control module connector or cluster connector
- Shorted lamp driver circuit inside the restraint control module
- Internal fault in the instrument cluster lamp driver or cluster power supply
- Aftermarket accessories or previous repairs that tapped into the cluster or restraint wiring
- Low battery voltage or charging system issues causing the module to misreport the lamp circuit



How to diagnose and fix it

- 1 Connect a scan tool and record all stored codes in every module, then clear codes and verify whether B00D2 returns immediately
- 2 Perform a key-on bulb check and visually confirm whether the restraint warning lamp illuminates and then extinguishes as designed
- 3 Check battery voltage and charging system output to rule out low-voltage false sets before condemning any component
- 4 Inspect the restraint control module and instrument cluster connectors for corrosion, backed-out terminals, and loose pins
- 5 Measure resistance and voltage on the lamp driver circuit between the module and cluster, comparing to manufacturer specifications
- 6 Substitute a known-good lamp or cluster only after circuit testing confirms the module output is correct
- 7 If the circuit and lamp are good, follow the manufacturer diagnostic flow for internal module or cluster replacement

Why the airbag light circuit sets B00D2

- B00D2 is often set by a burned-out cluster bulb that a quick glance at the dash will not reveal, because the lamp may still glow dimly through a shared light pipe.
- A weak or failing battery can cause the restraint module to log B00D2 during cranking even though the lamp circuit is completely healthy.
- Technicians commonly replace the restraint control module when the real fault is a corroded cluster connector or a chafed wire behind the dash.
- Some vehicles use the same lamp driver for multiple warning indicators, so a cluster internal fault can set B00D2 without any airbag circuit problem.
- Aftermarket remote starters or alarm installations that splice into the cluster harness are a frequent hidden cause of this code.

Can I keep driving with B00D2?

The vehicle remains safe to drive because B00D2 affects the warning lamp circuit rather than the airbag deployment circuits, but the driver loses a key confirmation that the restraint system is armed. Avoid delaying diagnosis, because a lamp that cannot warn of a real airbag fault leaves occupants unaware of a potentially serious condition.



Tools that help

- OBD-II scan tool with body code and bidirectional lamp test capability
- Digital multimeter with back-probe pins
- Vehicle-specific wiring diagram for the restraint and cluster circuits
- Trim removal tools for instrument cluster access
- Test light or known-good lamp for circuit verification

Reading B00D2

- B** Body: airbags, seats, doors, lights and comfort systems.
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- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
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- 0** Airbags, seats, doors, lights and comfort systems.
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- D2** The exact fault within that area.

Often seen with

B00D1 Passenger Seat Belt Indicator · **B00D3** Restraint System Malfunction Indicator 2 · **B00D4** Restraint System Malfunction Audible Indicator · **U0151** Lost Communication With Restraints Control Module

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/b00d2/>

