

GENERIC · POWERTRAIN

P0759

OBD-II TROUBLE CODE

P0759

Shift Solenoid 'B' Intermittent

P0759 means the transmission control module (TCM) has detected an intermittent electrical fault in the circuit for shift solenoid B, which is one of the solenoids that controls gear changes inside the automatic transmission. The computer monitors the solenoid's electrical current and sees it momentarily drop out or spike outside the expected range, rather than failing completely.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Generic (all makes)	Medium	Intermediate	Transmission

Symptoms you may notice

- The check engine light or transmission warning light is illuminated, often with no other noticeable symptoms.
- Harsh or delayed shifts, especially when the transmission is cold or under light throttle.
- The transmission may occasionally slip out of gear or fail to shift into a specific gear.
- Intermittent limp mode, where the transmission locks in one gear and the engine revs higher than normal.
- A slight shudder or hesitation during acceleration when the solenoid circuit cuts in and out.

Common causes, most likely first

- A chafed, corroded, or loose wire in the shift solenoid B circuit, often inside the transmission pan or along the harness.
- A failing shift solenoid B itself, where the internal coil becomes intermittent when hot or vibrating.
- A poor electrical connection at the solenoid connector or the TCM connector, including backed-out pins or water intrusion.
- Debris or sludge in the transmission fluid interfering with solenoid operation and causing intermittent electrical feedback.
- A failing transmission control module (TCM) or a software glitch that misreads the solenoid current.
- Low or contaminated transmission fluid causing erratic solenoid performance and intermittent codes.



How to diagnose and fix it

- 1 Check the transmission fluid level and condition; top off or replace fluid if it is low or burnt.
- 2 Inspect the wiring harness and connectors at the shift solenoid B and the TCM for corrosion, chafing, or loose pins.
- 3 Use a scan tool to monitor live solenoid current and command the solenoid on and off to reproduce the intermittent fault.
- 4 Measure the resistance of shift solenoid B with a multimeter and compare it to the manufacturer's specification.
- 5 If the solenoid is suspect, remove the transmission pan and replace shift solenoid B, then clear the code and test drive.
- 6 If the wiring and solenoid check out, inspect the TCM for water damage or faulty connections and reflash or replace it as needed.

Intermittent solenoid faults hide in the harness

- A P0759 code often sets because of a tiny break in a wire inside the transmission pan that only opens when the fluid is hot and the harness flexes, so a cold resistance check can pass.
- Many technicians replace the solenoid only to find the real fault is a corroded connector pin at the TCM, so always wiggle-test the harness while watching live data.
- Intermittent solenoid codes can be caused by a weak battery or charging system, because low voltage makes the TCM misread solenoid current during cranking.
- A transmission fluid change with the correct fluid can sometimes cure P0759 if debris was causing the solenoid to stick intermittently, but it is not a guaranteed fix.
- Do not assume the solenoid is bad just because the code points to it; the TCM driver circuit inside the computer can fail intermittently and set the same code.

Can I keep driving with P0759?

You can usually drive short distances to a repair shop, but avoid heavy acceleration, towing, or long highway trips because the transmission may enter limp mode without warning. If the vehicle shudders violently or refuses to shift, stop driving and have it towed.

Tools that help

- OBD-II scan tool with live transmission data
- Digital multimeter
- Transmission fluid level dipstick or scan tool for fluid temperature
- Socket set and torque wrench for pan removal
- Wire probe and electrical contact cleaner



Reading P0759

- P** Powertrain: engine, transmission and emissions.
- 0** Generic (SAE) code: it means the same thing on every OBD-II vehicle.
- 7** Transmission.
- 59** The exact fault within that area.

Often seen with

P0755 Shift Solenoid 'B' · **P0756** Shift Solenoid 'B' Performance or Stuck Off · **P0757** Shift Solenoid 'B' Stuck On · **P0758** Shift Solenoid 'B' Electrical · **P0760** Shift Solenoid 'C'

See it working

Watch the animated explainer [How an Automatic Transmission Works, Gear by Gear](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/p0759/>

