

GENERIC · POWERTRAIN

P0760

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P0760

Shift Solenoid 'C'

P0760 indicates that the transmission control module has detected an electrical or performance fault in shift solenoid 'C', which is one of the solenoids responsible for controlling hydraulic pressure to shift gears. The computer monitors the solenoid's circuit and the resulting gear engagement, and it sets this code when the expected response does not match the commanded state.

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

Symptoms you may notice

- The check engine light or transmission warning light illuminates on the dashboard.
- The transmission may fail to shift into certain gears, often feeling stuck in one gear or refusing to downshift.
- Harsh or delayed shifts may occur as the transmission control module attempts to compensate for the faulty solenoid.
- The vehicle may enter limp mode, limiting speed and gear selection to protect the transmission.
- In some cases, there are no noticeable symptoms besides the warning light, especially if the fault is intermittent.

Common causes, most likely first

- A faulty shift solenoid 'C' that has failed electrically or mechanically.
- Damaged, corroded, or shorted wiring in the solenoid circuit, including the connector at the transmission.
- Low or contaminated transmission fluid, which can cause solenoid malfunction or sticking valves.
- A clogged transmission filter or restricted fluid passage affecting solenoid 'C' operation.
- A failed transmission control module (TCM) or internal valve body issue, though less common.
- Poor electrical connections at the TCM or ground points causing intermittent signals.

How to diagnose and fix it

- Check the transmission fluid level and condition; top off or replace fluid if it is low or dirty.
- Inspect the wiring harness and connector at shift solenoid 'C' for damage, corrosion, or loose pins.
- Use a scan tool to command the solenoid on and off and listen for a click, or measure resistance at the solenoid to compare with specifications.
- Test the solenoid circuit for continuity and shorts to ground or power using a multimeter.
- If the solenoid is faulty, replace it and clear the code, then verify proper operation with a test drive.
- If the circuit tests good but the code persists, diagnose the TCM and valve body for internal faults.



What a P0760 code often hides

- A P0760 code can be set by a simple loose connector at the transmission, so always check the harness before condemning the solenoid.
- In many vehicles, shift solenoid 'C' is part of the valve body assembly, and replacing it requires dropping the transmission pan and sometimes the valve body.
- Intermittent faults may only appear when the transmission is hot or under load, so a cold static test can miss a failing solenoid.
- Low fluid pressure from a worn pump or leaking internal seals can mimic a solenoid failure and set this code even when the solenoid is good.
- Some manufacturers use solenoid 'C' for different functions, such as torque converter clutch control, so always consult the specific vehicle's service information.

Can I keep driving with P0760?

You can usually drive the vehicle to a repair shop if the transmission still shifts reasonably, but avoid heavy acceleration or towing. If the transmission is in limp mode or shifting erratically, stop driving and have it towed to prevent further damage.

Tools that help

- OBD-II scan tool with transmission diagnostic capability
- Digital multimeter
- Transmission fluid level dipstick or scan tool for fluid level
- Socket set and wrenches for pan removal
- Wiring diagram for the specific vehicle

Reading P0760

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

Often seen with

P0700 Transmission Control System Malfunction · **P0750** Shift Solenoid 'A' · **P0755** Shift Solenoid 'B' · **P0765** Shift Solenoid 'D' · **P0770** Shift Solenoid 'E'



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/p0760/>

