

JAGUAR · POWERTRAIN

P1775

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P1775 · Jaguar

Transmission System MIL Fault

P1775 on a Jaguar means the Transmission Control Module (TCM) has commanded the instrument cluster to illuminate the transmission malfunction indicator lamp (MIL) because it has logged an internal fault or a fault in the transmission control system that prevents normal operation. The code itself is a stored status flag indicating the TCM requested the warning light, not a direct sensor or solenoid failure, so the technician must retrieve the underlying TCM fault codes to pinpoint the actual problem.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Jaguar specific	High	Professional	Transmission

Symptoms you may notice

- The transmission warning light or message center displays a transmission fault, often accompanied by the check engine light.
- The transmission may enter limp mode, holding a single gear or refusing to shift.
- Harsh or delayed shifts, or a complete loss of drive in some cases.
- The gear position indicator may flash or show an incorrect gear.
- Often no symptoms besides the warning light, especially if the underlying fault is intermittent.
- Reduced engine performance or speed limiting may be activated by the TCM.

Common causes, most likely first

- Low or contaminated transmission fluid causing the TCM to detect clutch slip or pressure faults.
- A failing transmission solenoid pack or internal wiring harness fault within the transmission.
- The TCM itself has an internal fault or corrupted software requiring reprogramming or replacement.
- CAN (Controller Area Network) communication faults between the TCM, ECM (Engine Control Module), and instrument cluster.
- A faulty transmission range sensor or input/output speed sensor that the TCM interprets as a critical fault.
- Poor electrical connections at the TCM, valve body, or ground points causing intermittent signals.
- A mechanical transmission failure such as a worn clutch pack or valve body issue that sets a companion code.



How to diagnose and fix it

- 1 Connect a Jaguar-compatible scan tool and retrieve all stored codes from every module, especially the TCM, to find the underlying fault that triggered P1775.
- 2 Check the transmission fluid level and condition according to Jaguar's procedure, looking for dark or burnt fluid that indicates internal wear.
- 3 Inspect the TCM electrical connectors and harness for corrosion, chafing, or loose pins, and verify ground connections are clean and tight.
- 4 Perform a voltage drop test on the TCM power and ground circuits to rule out wiring resistance issues.
- 5 If communication codes are present, check the CAN bus integrity and terminate any aftermarket accessories that may interfere.
- 6 Reprogram or update the TCM software with the latest Jaguar calibration if no physical faults are found.
- 7 If the TCM is confirmed faulty after all other checks, replace and configure the TCM, then perform a transmission adaptation reset.

P1775 is a request, not the root cause

- P1775 is a manufacturer-specific status code that the TCM sets to request the MIL; it is almost never the only code stored, so always scan the TCM for companion codes before condemning any part.
- A weak or failing battery can cause the TCM to log communication faults and set P1775, so load-test the battery and charging system before diving into transmission diagnostics.
- Aftermarket electronic accessories wired into the CAN bus or power circuits can disrupt TCM communication and trigger this code intermittently.
- A transmission fluid service with the correct Jaguar-specified fluid often resolves P1775 when the underlying cause is low pressure or contaminated fluid, but the adaptation must be reset afterward.
- Do not replace the TCM based solely on P1775; the code can be set by a simple loose ground or a faulty range sensor that costs far less to repair.

Can I keep driving with P1775?

If the transmission warning light is on and the car is in limp mode or shifting harshly, avoid driving further than necessary to reach a safe location or workshop. Continuing to drive with a transmission fault can cause internal damage and increase repair costs, so arrange a diagnostic scan as soon as possible.

Tools that help

- Jaguar-compatible diagnostic scan tool with TCM access
- Digital multimeter for circuit and voltage drop testing
- Transmission fluid level dipstick or scan tool fluid level procedure
- CAN bus tester or oscilloscope for communication faults
- Basic hand tools for connector and ground inspection



Reading P1775

- P** Powertrain: engine, transmission and emissions.
- 1** Manufacturer-specific code (Jaguar): its meaning depends on the make.
- 7** Transmission.
- 75** The exact fault within that area.

Often seen with

P0700 Transmission Control System Malfunction · **P0715** Input/Turbine Speed Sensor Circuit Malfunction · **P0720** Output Speed Sensor Circuit Malfunction · **P0730** Incorrect Gear Ratio · **U0100** Lost Communication With ECM/PCM A

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/jaguar-p1775/>

