

HONDA · POWERTRAIN

P1795

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

P1795 · Honda

Automatic Transmission System Malfunction

P1795 on Honda vehicles means the transmission control module (TCM) has detected a general malfunction within the automatic transmission system, often related to the solenoid pack, wiring, or internal hydraulic pressure. The TCM sets this code when it sees an unexpected signal or performance issue that does not fit a more specific solenoid or sensor code.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Honda specific	Medium	Professional	Transmission

Symptoms you may notice

- The check engine light or transmission warning light (D4 or gear indicator) illuminates on the dashboard.
- The transmission may enter limp mode, holding a single gear or refusing to shift.
- Harsh or delayed shifts, especially when cold or under load.
- Slipping between gears or a flare in engine speed during upshifts.
- Often no symptoms besides the warning light, especially if the fault is intermittent.

Common causes, most likely first

- 1 Faulty transmission solenoid pack or individual shift solenoid.
- 2 Damaged or corroded wiring harness or connector at the transmission.
- 3 Low or contaminated automatic transmission fluid (ATF).
- 4 Internal hydraulic pressure loss due to worn seals or valve body issues.
- 5 Failing transmission control module (TCM) or poor electrical ground.
- 6 Sticking or dirty solenoid screen or filter.

How to diagnose and fix it

- 1 Check ATF level and condition; top off or replace fluid if dark or burnt.
- 2 Inspect the transmission wiring harness and connectors for damage, corrosion, or loose pins.
- 3 Scan the TCM for pending or stored codes and freeze-frame data to identify intermittent faults.
- 4 Test the solenoid pack resistance and operation according to Honda service information.
- 5 Perform a transmission line pressure test to rule out internal hydraulic problems.
- 6 Replace faulty solenoids or the solenoid pack if resistance is out of specification.
- 7 Repair or replace damaged wiring or the TCM as a last resort after all other checks pass.



What P1795 Often Misses on Hondas

- A weak battery or poor ground can cause the TCM to set P1795 intermittently, so always check charging system and grounds before condemning the transmission.
- Many Honda owners replace the solenoid pack only to find the real issue is a corroded connector at the transmission, so inspect the pins carefully.
- P1795 can be triggered by a failing transmission range sensor or a misadjusted shift cable, which are often overlooked.
- After any transmission repair, the TCM may need a relearn procedure or software update to prevent the code from returning.
- This code does not always mean the transmission is failing; a simple fluid change and connector cleaning can resolve it in some cases.

Can I keep driving with P1795?

You can drive cautiously if the transmission shifts normally and the light is steady, but avoid heavy acceleration or towing. If the transmission is in limp mode or shifting harshly, stop driving and have it diagnosed to prevent further damage.

Tools that help

- OBD-II scanner with Honda-specific software
- Digital multimeter
- Transmission pressure gauge
- Socket set and trim tools
- Honda service manual or online repair information

Reading P1795

P	Powertrain: engine, transmission and emissions.
1	Manufacturer-specific code (Honda): its meaning depends on the make.
7	Transmission.
95	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 · **P0740** Torque Converter Clutch Circuit Malfunction



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/honda-p1795/>

