



P1672 · Honda

A/T FI Data Line Failure

P1672 on Honda vehicles indicates a failure in the serial data communication line between the automatic transmission (A/T) control module and the fuel injection (FI) engine control module. The engine computer has detected that the data stream carrying transmission information has been interrupted or is missing, which can affect shift quality and engine performance.

SYSTEM	CODE TYPE	SEVERITY	FIX DIFFICULTY	AREA
Powertrain	Honda specific	Medium	Professional	Computer and output circuits

Symptoms you may notice

- Check Engine Light or A/T warning light illuminated on the dashboard
- Harsh or erratic shifting, including delayed or abrupt gear changes
- Transmission may default to a limp-home mode with limited gear selection
- Poor fuel economy or reduced engine power due to compromised integration
- Often no symptoms besides the warning light, especially if the fault is intermittent

Common causes, most likely first

- 1 Damaged or corroded wiring in the data line between the transmission control module (TCM) and engine control module (ECM)
- 2 Loose or dirty electrical connectors at the TCM or ECM
- 3 Failed TCM or ECM, particularly if internal communication drivers are faulty
- 4 Poor ground connection for the TCM or ECM, causing voltage reference issues
- 5 Aftermarket electrical accessories improperly tapped into the data circuit
- 6 Battery or charging system problems causing low voltage and communication errors

How to diagnose and fix it

- 1 Inspect and clean the TCM and ECM connectors, checking for corrosion or loose pins
- 2 Perform a wiggle test on the wiring harness while monitoring live data to identify intermittent faults
- 3 Check continuity and resistance of the data line between the TCM and ECM using a wiring diagram
- 4 Verify battery voltage and charging system output to rule out low-voltage communication errors
- 5 Check and clean ground connections for the TCM and ECM
- 6 If wiring and connectors are good, swap in a known-good TCM or ECM to test communication
- 7 Repair or replace faulty wiring, connectors, or modules as needed and clear the code



Data line faults often misdiagnosed as transmission failure

- A failed data line can mimic internal transmission problems, leading to unnecessary transmission replacement when the real issue is a chafed wire or corroded connector.
- Intermittent P1672 codes often appear after engine washing or in humid conditions, pointing to water intrusion in connectors rather than a failed module.
- Aftermarket alarms or remote starters tapped into the data bus can disrupt communication and set this code without any transmission symptoms.
- The code may be stored alongside transmission range sensor or shift solenoid codes, but those should not be addressed until the data line integrity is confirmed.
- A weak battery or failing alternator can cause voltage drops that corrupt data signals, setting P1672 even though the communication hardware is intact.

Can I keep driving with P1672?

If the vehicle drives normally, you can drive it cautiously to a repair shop, but avoid heavy acceleration or towing. If the transmission is in limp mode or shifting harshly, limit driving to a short distance at low speed to prevent further damage.

Tools that help

- OBD-II scan tool with live data and bidirectional capabilities
- Digital multimeter for continuity and voltage checks
- Wiring diagram for the specific Honda model
- Terminal pick and electrical contact cleaner
- Oscilloscope for advanced signal analysis (optional)

Reading P1672

P	Powertrain: engine, transmission and emissions.
1	Manufacturer-specific code (Honda): its meaning depends on the make.
6	Computer and output circuits.
72	The exact fault within that area.

Often seen with

P1607 Vehicle Speed Signal Error Message From Instrument Cluster · **P1607** ECM Internal Circuit Failure A · **P1607** MIL Output Circuit · **P1607** ECM Internal Circuit Failure A · **P1607** Engine Oil Level Switch Circuit / Clutch Actuator · **P1607** CAN Version · **P0700** Transmission Control System Malfunction · **P0715** Input/Turbine Speed Sensor Circuit Malfunction · **P0720** Output Speed Sensor Circuit Malfunction · **U0100** Lost Communication With ECM/PCM A



See it working

Watch the animated explainer **Turbocharger Trainer: Boost, Wastegate and Intercooler** on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/honda-p1672/>

