

HONDA · POWERTRAIN

P1676

OBD-II DIAGNOSTIC TROUBLE CODE (DTC)

## P1676 · Honda

# Traction Control System FI Data Line No Signal

P1676 on Honda vehicles means the traction control system (TCS) module is not receiving data over its dedicated serial link from the fuel injection (FI) computer, often called the engine control module (ECM). The TCS controller monitors this FI data line for a continuous signal and sets the code when the expected digital message stream goes missing or becomes unreadable.

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

## Symptoms you may notice

- Traction control system (TCS) warning light illuminated steadily on the dashboard
- Vehicle stability assist (VSA) or traction control indicator flashing intermittently during normal driving
- Traction control and anti-lock brake functions disabled, with the TCS light staying on after startup
- Engine may run normally with no drivability complaints, so often no symptoms besides the warning light
- In some cases a stored engine control module (ECM) code or reduced power mode if the data loss affects other shared signals
- ABS light may also illuminate on models where the TCS and ABS modules share the same communication bus

## Common causes, most likely first

- 1 Damaged or corroded wiring in the FI data line between the engine control module (ECM) and the traction control system (TCS) module
- 2 Loose or contaminated connector pins at either the ECM or TCS module harness
- 3 Failed TCS control module internal communication circuit
- 4 Failed engine control module (ECM) output driver for the serial data line
- 5 Aftermarket electronic accessories or poor stereo/alarm installs tapping into or disturbing the data circuit
- 6 Battery or charging system voltage irregularities causing intermittent module communication dropouts
- 7 Water intrusion or rodent damage to the harness section carrying the FI data line



## How to diagnose and fix it

- 1 Verify battery voltage and charging system output are within specification before any communication diagnosis
- 2 Connect a scan tool and confirm P1676 is current, then check for other stored codes in the ECM and TCS modules
- 3 Inspect the FI data line harness and connectors between the ECM and TCS module for corrosion, looseness, or physical damage
- 4 Perform a continuity and resistance test on the FI data line with a digital multimeter, comparing to factory wiring diagram specifications
- 5 Check for aftermarket accessories wired into the data circuit and disconnect them temporarily to see if the code returns
- 6 Substitute a known-good TCS module or ECM only after wiring and power/ground checks pass, following Honda diagnostic flow charts
- 7 Clear codes and perform a road test to confirm the FI data line signal is restored and the TCS light stays off

## What Honda techs check before module replacement

- A weak or failing battery is a common hidden cause because Honda TCS and ECM modules may drop serial data communication during cranking if voltage dips below threshold.
- Aftermarket remote starters, alarms, or stereo installs that back-probe or splice into the FI data line often create this code without any visible harness damage.
- The FI data line is a dedicated serial link, not the same as the CAN bus, so a generic OBD-II scan tool may show all modules communicating while this specific point-to-point line is still dead.
- Rodent damage inside the harness loom near the firewall or under the dash is frequently missed because the exterior of the loom looks intact until it is opened up.
- Replacing the TCS module without first checking the ECM side of the data line is a common misdiagnosis trap, since either end can cause the no-signal condition.

## Can I keep driving with P1676?

You can usually drive the vehicle because the engine and brakes still function normally, but traction control and stability assist are disabled, so avoid slippery roads, aggressive cornering, and towing until the fault is repaired.

## Tools that help

- Honda-compatible scan tool with manufacturer-specific module access
- Digital multimeter with back-probe pins
- Factory wiring diagram for the specific Honda model and year
- Terminal pick and contact cleaner for connector inspection
- Battery load tester and charging system tester



## Reading P1676

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

## Often seen with

**P1677** Drive By Wire MIL Circuit Short To B+ · **P1677** Traction Control System FI Data Line Failure · **P1677** Traction Control System FI Data Line Failure · **P1675** EVAP Vent Solenoid Control Circuit · **P1677** Driver 4 Line 7 · **C0050** Right Rear Wheel Speed Sensor Circuit Malfunction · **P0600** Serial Communication Link Malfunction · **U0100** Lost Communication With ECM/PCM A

## See it working

Watch the animated explainer [How a Wideband Air-Fuel Sensor Works](#) on Auto Veteran to see the parts involved moving.

Full guide, related articles and animations: <https://www.autoveteran.tech/dtc-codes/honda-p1676/>

