

Ford P1291: Injector High Side Short To GND Or VBATT (Bank 1)

OVERVIEW

Severity

:

High

DIY Difficulty Level

:

Intermediate

Repair Cost

:

\$200-\$350

Can I Still Drive?

:

Yes

What Does The Ford P1291 Code Mean?

This DTC sets when a current differential between the fuel injector power circuit and fuel injector ground circuit is outside a calibrated limit. When diagnosing a fuel injector or fuel injector circuit concern, bank 1 refers to cylinder numbers 1, 4, 6 and 7.

What Are The Potential Causes Of The Ford P1291 Code?

- INJ circuit short to voltage
- INJ circuit short to ground
- Damaged fuel injector

Reference Sources

[2020 Diesel Powertrain Control Emissions Diagnosis On Board Diagnosis](#) - Sections 4: Powertrain DTC Charts and Descriptions, P1291, page 353.