# RITCHIE BROS. Auctioneers Diagnostic Report

## 2018 Freightliner Cascadia

### Test Information

| | |
|---|---|
| **Engine** | Detroit Diesel DD15 (14.8) |
| **Engine Serial** | DTDSC*472N16*472910S0499920 |
| **VIN** | 3AKJHHDR0JSJS9468 |
| **Driveline** | Class 8 6x4 |
| **Body** | Truck-Tractor |
| **Test Time** | Nov. 12, 2026, 10:54 a.m. |
| **File Length** | 45.5812 s |
| **Test Time** | Nov. 12, 2026, 10:17 a.m. |
| **File Length** | 19.974 s |

### Usage

| Label | Value | Units |
|---|---|---|
| Engine Odometer | 1,046,002 | mi |
| Engine Total Hours of Operation | 29,685.45 | h |
| Aftertreatment 1 Diesel Particulate Filter Soot Load Percent | 250 | % |

### Engine On/Off

Engine running

### Check Engine Light

MIL - Emissions malfunction

### Emissions Deleted/Tampered

Yes

# Faults

| DM | Controller Name | SPN Name | FMI Name | Count |
|---|---|---|---|---|
| Active | Engine #2 | Engine Intake Manifold #1 Absolute Pressure | High-moderate severity | 126 |
| Previous | Engine #2 | Unknown | Data Error | 5 |
| Previous | Engine #2 | Battery Potential / Power Input | High-most severe | 126 |
| Previous | Engine #2 | Engine Speed 2 | Abnormal Frequency, Pulse Width, or Period | 1 |
| Previous | Engine #2 | Sensor supply voltage 2 | Voltage Below Normal | 126 |
| Previous | Engine #2 | Engine Intake Manifold 1 Temperature (High Resolution) | High-moderate severity | 126 |
| Previous | Engine #2 | Engine Coolant Temperature | High-most severe | 6 |
| Previous | Engine #2 | Manufacturer Assignable SPN | Low-moderate severity | 21 |
| Previous | Engine #2 | Engine Fuel 1 Injector Metering Rail 1 Pressure | Low-moderate severity | 22 |
| Previous | Engine #2 | Engine Fuel Injection Control Pressure | High-least severe | 2 |
| Emissions Active | Engine #2 | Engine Intake Manifold #1 Absolute Pressure | High-moderate severity | 126 |
| Emissions Previous | Engine #2 | Engine Fuel 1 Injector Metering Rail 1 Pressure | Low-moderate severity | 22 |
| Emissions Previous | Engine #2 | Manufacturer Assignable SPN | Low-moderate severity | 21 |
| Emissions Previous | Engine #2 | Engine Intake Manifold 1 Temperature (High Resolution) | High-moderate severity | 126 |
| Emissions Previous | Engine #2 | Sensor supply voltage 2 | Voltage Below Normal | 126 |
| Emissions Previous | Engine #2 | Engine Speed 2 | Abnormal Frequency, Pulse Width, or Period | 1 |
| Emissions Previous | Engine #2 | Unknown | Data Error | 5 |
| Permanent | Engine #2 | Engine Exhaust Gas Recirculation 1 Mass Flow Rate | High-most severe | 1 |
| Permanent | Engine #2 | Engine Intake Manifold #1 Absolute Pressure | High-moderate severity | 126 |
| Permanent | Engine #2 | Engine Exhaust Gas Recirculation 1 Differential Pressure | Erratic, Intermittent, or Incorrect | 15 |