

rb **RITCHIE BROS.** Diagnostic Report
Auctioneers™

2018 Freightliner Cascadia

Test Information

Engine	Detroit Diesel DD15 (14.8)
Engine Serial	DTDSC*472N16*472910S0482566
VIN	3AKJHHDR3JSJC4759
Driveline	Class 8 6x4
Body	Truck-Tractor
Test Time	Oct. 8, 2026, 11:35 a.m.
File Length	45.7802 s

Usage

Label	Value	Units
Engine Odometer	897,106	mi
Engine Total Hours of Operation	24,670.15	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	250	%

Engine On/Off

Engine was off during test

Check Engine Light

- MIL - Emissions malfunction
- Protect Lamp - Non-electric problem
- ▼ Amber Warning Lamp - Warning, but OK to drive

Emissions Deleted/Tampered

Yes

Faults

DM	Controller Name	SPN Name	FMI Name	Count
Active	Engine #1	Battery Potential / Power Input	Low-most severe	1
Active	Engine #2	Battery Potential / Power Input	Low-most severe	2
Active	Engine #2	Engine Intake Manifold #1 Absolute Pressure	High-moderate severity	6
Active	Engine #2	Manufacturer Assignable SPN	Abnormal Update Rate	126
Active	Engine #2	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Condition Exists	39
Active	Engine #2	Manufacturer Assignable SPN	High-moderate severity	1
Active	Engine #2	Engine Turbocharger 1 Compressor Intake Temperature	Voltage Above Normal	126
Active	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Active	Brakes - System Controller	Wheel Sensor ABS Axle 3 Left	Current Below Normal	126
Active	Off Vehicle Gateway	Battery Potential / Power Input	Voltage Below Normal	5
Previous	Engine #2	Key Switch Battery Potential	Erratic, Intermittent, or Incorrect	2
Previous	Engine #2	Battery Potential / Power Input	Low-most severe	1
Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	3
Emissions Active	Engine #2	Engine Intake Manifold #1 Absolute Pressure	High-moderate severity	6
Emissions Active	Engine #2	Manufacturer Assignable SPN	Abnormal Update Rate	126
Emissions Active	Engine #2	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Condition Exists	39
Emissions Active	Engine #2	Manufacturer Assignable SPN	High-moderate severity	1
Emissions Active	Engine #2	Engine Turbocharger 1 Compressor Intake Temperature	Voltage Above Normal	126
Emissions Active	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Emissions Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	3
Permanent	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Permanent	Engine #2	Engine Turbocharger 1 Compressor Intake Temperature	Voltage Above Normal	126
Permanent	Engine #2	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Condition Exists	39
Permanent	Engine #2	Manufacturer Assignable SPN	Abnormal Update Rate	126
Permanent	Engine #2	Engine Intake Manifold #1 Absolute Pressure	High-moderate severity	6
Permanent	Engine #2	Manufacturer Assignable SPN	High-moderate severity	1