

RITCHIE BROS. Diagnostic Report Auctioneers®

2019 Freightliner Cascadia

Test Information

Engine	Detroit Diesel DD16 (15.6)
Engine Serial	DTDSC*473N16*473910S0567313
VIN	3AKJHHD12KSKA0838
Driveline	Class 8 6x4
Body	Truck-Tractor
Test Time	June 26, 2026, 1:30 p.m.
File Length	46.449 s
Test Time	June 26, 2026, 1:29 p.m.
File Length	20.875 s

Usage

Label	Value	Units
Engine Odometer	771,217	mi
Engine Total Hours of Operation	17,556.2	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	37	%

Engine On/Off

Engine running

Check Engine Light

- MIL - Emissions malfunction
- ▼ Amber Warning Lamp - Warning, but OK to drive
- Red Stop Lamp - Stop vehicle

Emissions Deleted/Tampered

No

Faults

<u>DM</u>	<u>Controller Name</u>	<u>SPN Name</u>	<u>FMI Name</u>	<u>Count</u>
Active	Engine #2	Engine Intake Manifold #1 Absolute Pressure	Data Drifted Low	1
Active	Engine #2	Engine Intake Manifold #1 Absolute Pressure	Data Drifted Low	1
Active	Engine #2	Engine Throttle Actuator 1 Control Command	Low-moderate severity	3
Active	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Active	Engine #2	Engine Throttle Actuator 1 Control Command	Low-moderate severity	3
Active	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Active	Brakes - System Controller	Wheel Sensor ABS Axle 1 Left	Not Responding Properly	3
Active	Brakes - System Controller	Wheel Sensor ABS Axle 1 Left	Not Responding Properly	3
Active	Body Controller	Manufacturer Assignable SPN	Current Above Normal	6
Active	Body Controller	Manufacturer Assignable SPN	Current Above Normal	6
Previous	Engine #2	Key Switch Battery Potential	Erratic, Intermittent, or Incorrect	2
Previous	Engine #2	Unknown	Data Error	1
Previous	Engine #2	Battery Potential / Power Input	High-most severe	1
Previous	Engine #2	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Low-moderate severity	1
Previous	Engine #2	Engine Fuel Injection Control Pressure	Voltage Below Normal	4
Previous	Engine #2	Engine Position Sensor	Erratic, Intermittent, or Incorrect	2
Previous	Engine #2	Engine Position Sensor	Erratic, Intermittent, or Incorrect	2
Previous	Engine #2	Unknown	Data Error	1
Previous	Engine #2	Key Switch Battery Potential	Erratic, Intermittent, or Incorrect	2
Previous	Engine #2	Battery Potential / Power Input	High-most severe	1
Previous	Engine #2	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Low-moderate severity	1
Previous	Engine #2	Engine Fuel Injection Control Pressure	Voltage Below Normal	4
Emissions Active	Engine #2	Engine Throttle Actuator 1 Control Command	Low-moderate severity	3
Emissions Active	Engine #2	Engine Intake Manifold #1 Absolute Pressure	Data Drifted Low	1
Emissions Active	Engine #2	Engine Intake Manifold #1 Absolute Pressure	Data Drifted Low	1
Emissions Active	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Emissions Active	Engine #2	Engine Throttle Actuator 1 Control Command	Low-moderate severity	3
Emissions Active	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Emissions Previous	Engine #2	Engine Fuel Injection Control Pressure	Voltage Below Normal	4
Emissions Previous	Engine #2	Engine Position Sensor	Erratic, Intermittent, or Incorrect	2
Emissions Previous	Engine #2	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Low-moderate severity	1
Emissions Previous	Engine #2	Unknown	Data Error	1
Emissions Previous	Engine #2	Unknown	Data Error	1
Emissions Previous	Engine #2	Engine Position Sensor	Erratic, Intermittent, or Incorrect	2
Emissions Previous	Engine #2	Engine Fuel Injection Control Pressure	Voltage Below Normal	4
Emissions Previous	Engine #2	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Low-moderate severity	1
Permanent	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Permanent	Engine #2	Engine Intake Manifold #1 Absolute Pressure	Data Drifted Low	1
Permanent	Engine #2	Engine Intake Manifold #1 Absolute Pressure	Data Drifted Low	1
Permanent	Engine #2	Engine Turbocharger 1 Speed	Low-most severe	1
Permanent	Engine #2	Engine Throttle Actuator 1 Control Command	Low-moderate severity	3
Permanent	Engine #2	Engine Throttle Actuator 1 Control Command	Low-moderate severity	3