

rb RITCHIE BROS. Diagnostic Report
Auctioneers®

2018 Freightliner Cascadia

Test Information	
Engine	Detroit Diesel DD16 (15.6)
Engine Serial	DTDSC*473N16*S0463372
VIN	1FUJGLD11JLHX7643
Driveline	Class 8 6x4
Body	Truck-Tractor MDHD: Conventional
Test Time	May 12, 2026, 3:30 p.m.
File Length	48.773 s

Usage		
Label	Value	Units
Engine Odometer	603,697	mi
Odometer (Instrument Cluster #1)	603,697	mi
Engine Total Hours of Operation	14,465.0	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	190	%

Engine On/Off
Engine running

Check Engine Light
● MIL - Emissions malfunction

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 Throttle Actuator 1 Control Command	Low-moderate severity	2
Previous	Engine #1	Battery Potential / Power Input	Low-moderate severity	3
Previous	Engine #1	Aftertreatment Regeneration Force Switch	Out of Calibration	3
Previous	Engine #1	Cruise Control States	Abnormal Update Rate	1
Previous	Engine #1	Engine Retarder Selection	Abnormal Update Rate	1
Previous	Engine #1	Source Address 33	Abnormal Update Rate	1
Previous	Engine #1	Source Address 49	Abnormal Update Rate	1
Previous	Engine #1	Engine Fan 1 Requested Percent Speed	Abnormal Update Rate	1
Previous	Engine #1	Source Address 25	Abnormal Update Rate	1
Previous	Engine #1	Program Memory	Erratic, Intermittent, or Incorrect	1
Previous	Engine #1	Engine Coolant Level 1	Low-most severe	32
Previous	Engine #2	Engine Starter Motor Relay	Erratic, Intermittent, or Incorrect	4
Previous	Engine #2	High Pressure Common Rail Fuel Pressure Relief Valve	Not Responding Properly	1
Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-moderate severity	1
Previous	Engine #2	Manufacturer Assignable SPN	Voltage Below Normal	8
Previous	Engine #2	Manufacturer Assignable SPN	Low-moderate severity	1
Previous	Passenger-Operator Climate Control #1	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	3
Previous	Passenger-Operator Climate Control #1	HVAC Duct Temperature	Voltage Below Normal	126
Previous	Passenger-Operator Climate Control #1	Key Switch Battery Potential	Voltage Above Normal	6
Previous	Passenger-Operator Climate Control #1	Compressor Clutch Circuit	Other Failure Mode	3
Emissions Active	Engine #2	Engine Throttle Actuator 1 Control Command	Low-moderate severity	2
Emissions Previous	Engine #2	High Pressure Common Rail Fuel Pressure Relief Valve	Not Responding Properly	1
Emissions Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-moderate severity	1
Emissions Previous	Engine #2	Manufacturer Assignable SPN	Low-moderate severity	1
Permanent	Engine #2	Engine Throttle Actuator 1 Control Command	Low-moderate severity	2