


RITCHIE BROS. Diagnostic Report
 Auctioneers®

2020 Freightliner Cascadia

Test Information

Engine	Detroit Diesel DD15 (14.8)
Engine Serial	DTDSC*472N16*472910S0710142
VIN	3AKJHHDR4LSKW9039
Driveline	Class 8 6x4
Body	Truck-Tractor MDHD: Conventional
Test Time	Aug. 28, 2025, 1:19 p.m.
File Length	44.216 s
Test Time	Aug. 28, 2025, 10:27 a.m.
File Length	44.249 s


Usage


Label	Value	Units
Engine Odometer	340,970	mi
Engine Total Hours of Operation	8,598.6	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	129	%

Engine On/Off

Engine running

Check Engine Light

 MIL - Emissions malfunction

 Protect Lamp - Non-electric problem

Emissions Deleted/Tampered

No

Faults

<u>DM</u>	<u>Controller Name</u>	<u>SPN Name</u>	<u>FMI Name</u>	<u>Count</u>
Active	Brakes - System Controller	Wheel Sensor ABS Axle 2 Right	Current Below Normal	18
Active	Brakes - System Controller	Wheel Sensor ABS Axle 2 Right	Current Below Normal	17
Active	Body Controller	Manufacturer Assignable SPN	Voltage Above Normal	4
Active	Body Controller	Manufacturer Assignable SPN	Voltage Above Normal	4
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3
Previous	Engine #1	Engine Coolant Level 1	Voltage Below Normal	1
Previous	Engine #1	Engine Coolant Level 1	Voltage Below Normal	1
Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	1
Previous	Engine #2	Manufacturer Assignable SPN	Out of Calibration	1
Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	1
Previous	Engine #2	Manufacturer Assignable SPN	Out of Calibration	1
Emissions Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3
Emissions Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3
Emissions Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	1
Emissions Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	3
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Low-least severe	1
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Low-least severe	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	3