

rb RITCHIE BROS. Diagnostic Report
Auctioneers

2019 Freightliner Cascadia

Test Information	
Engine	Detroit Diesel DD15 (14.8)
Engine Serial	DTDSC*472N16*472910S0625178
VIN	1FUJHHDR6KLKL9633
Driveline	Class 8 6x4
Body	Truck-Tractor MDHD: Conventional
Test Time	March 25, 2026, 8:33 a.m.
File Length	20.23 s
Test Time	Nov. 14, 2025, 9:44 a.m.
File Length	44.23 s

Usage		
Label	Value	Units
Engine Odometer	599,666	mi
Engine Total Hours of Operation	12,689.4	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	54	%

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 #1	Engine Coolant Level 1	Low-most severe	26
Active	Brakes - System Controller	Manufacturer Assignable SPN	Condition Exists	1
Active	Body Controller	Manufacturer Assignable SPN	Voltage Above Normal	10
Active	Body Controller	Manufacturer Assignable SPN	Current Below Normal	1
Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Pump 1 Motor Speed	Low-most severe	1
Active	Exhaust Emission Controller	ECU Power Output Supply Voltage #1	Voltage Below Normal	4
Active	Exhaust Emission Controller	Aftertreatment 1 Outlet Soot	Out of Calibration	1
Previous	Engine #1	Engine Coolant Level 1	Low-most severe	6
Previous	Engine #1	Manufacturer Assignable SPN	Failure	7
Previous	Engine #2	Key Switch Battery Potential	Erratic, Intermittent, or Incorrect	3
Previous	Engine #2	Manufacturer Assignable SPN	Condition Exists	1
Previous	Engine #2	Key Switch Battery Potential	Erratic, Intermittent, or Incorrect	5
Previous	Engine #2	Engine Cylinder 4 Misfire Rate	Condition Exists	9
Previous	Engine #2	Battery Potential / Power Input	Low-most severe	5
Previous	Engine #2	Engine Cylinder 6 Misfire Rate	Condition Exists	7
Previous	Engine #2	Engine Misfire for Multiple Cylinders	Condition Exists	2
Previous	Engine #2	Engine Cylinder 4 Misfire Rate	Condition Exists	9
Previous	Engine #2	Battery Potential / Power Input	Low-most severe	3
Previous	Engine #2	Engine Cylinder 6 Misfire Rate	Condition Exists	7
Previous	Engine #2	Engine Misfire for Multiple Cylinders	Condition Exists	2
Previous	Engine #2	Manufacturer Assignable SPN	Condition Exists	1
Previous	Engine #2	Manufacturer Assignable SPN	Condition Exists	1
Previous	Engine #2	Manufacturer Assignable SPN	Condition Exists	1
Previous	Exhaust Emission Controller	Aftertreatment 1 Outlet Soot	Out of Calibration	1
Previous	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Pump 1 Motor Speed	High-most severe	1
Previous	Exhaust Emission Controller	Battery Potential / Power Input	Low-most severe	2
Previous	Exhaust Emission Controller	ECU Power Output Supply Voltage #1	Voltage Below Normal	4
Previous	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Pump 1 Motor Speed	High-most severe	1
Previous	Exhaust Emission Controller	Battery Potential / Power Input	Low-most severe	2
Emissions Pending	Engine #2	Total ECU Run Time	Low-least severe	1
Emissions Pending	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Pump 1 Motor Speed	Low-most severe	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Pump 1 Motor Speed	Low-most severe	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Outlet Soot	Out of Calibration	1
Emissions Active	Exhaust Emission Controller	ECU Power Output Supply Voltage #1	Voltage Below Normal	4
Emissions Previous	Engine #2	Engine Misfire for Multiple Cylinders	Condition Exists	2
Emissions Previous	Engine #2	Engine Cylinder 6 Misfire Rate	Condition Exists	7
Emissions Previous	Engine #2	Engine Cylinder 4 Misfire Rate	Condition Exists	9
Emissions Previous	Engine #2	Engine Cylinder 6 Misfire Rate	Condition Exists	7
Emissions Previous	Engine #2	Engine Cylinder 4 Misfire Rate	Condition Exists	9
Emissions Previous	Engine #2	Engine Misfire for Multiple Cylinders	Condition Exists	2
Emissions Previous	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Pump 1 Motor Speed	High-most severe	1
Emissions Previous	Exhaust Emission Controller	ECU Power Output Supply Voltage #1	Voltage Below Normal	4
Emissions Previous	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Pump 1 Motor Speed	High-most severe	1
Emissions Previous	Exhaust Emission Controller	Aftertreatment 1 Outlet Soot	Out of Calibration	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 Outlet Soot	Out of Calibration	1
Permanent	Exhaust Emission Controller	ECU Power Output Supply Voltage #1	Voltage Below Normal	4
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Pump 1 Motor Speed	Low-most severe	1