

RITCHIE BROS. Diagnostic Report
 Auctioneers®

2019 Freightliner Cascadia
Test Information

Engine	Detroit Diesel DD13 (12.8)
Engine Serial	DTDSC*471N16*471928S0564483
VIN	3AKJGLDV2KDKA0965
Driveline	Class 8 6x4
Body	Truck-Tractor
Test Time	Aug. 19, 2026, 1:42 p.m.
File Length	44.073 s
Test Time	July 10, 2026, 4:02 p.m.
File Length	44.017 s
Test Time	July 10, 2026, 3:56 p.m.
File Length	16.979 s

Usage

Label	Value	Units
Engine Odometer	80,389	mi
Odometer (Instrument Cluster #1)	551,192	mi
Engine Total Hours of Operation	14,128.25	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	214	%

Engine On/Off

Engine running

Check Engine Light

No check engine lights on

Emissions Deleted/Tampered

Yes

Faults

DM	Controller Name	SPN Name	FMI Name	Count
Previous	Engine #2	Engine Starter Motor Relay	Failure	41
Previous	Engine #2	Engine Starter Motor Relay	Failure	41
Previous	Engine #2	Engine Starter Motor Relay	Failure	41
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Abnormal Update Rate	1
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Abnormal Update Rate	1
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Abnormal Update Rate	1
Previous	Passenger-Operator Climate Control #1	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	2
Previous	Passenger-Operator Climate Control #1	Compressor Clutch Circuit	Low-most severe	2
Previous	Passenger-Operator Climate Control #1	Compressor Clutch Circuit	Low-most severe	2
Previous	Passenger-Operator Climate Control #1	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	2
Previous	Passenger-Operator Climate Control #1	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	2
Previous	Passenger-Operator Climate Control #1	Compressor Clutch Circuit	Low-most severe	2
Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	5
Previous	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Data Drifted High	12
Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8
Previous	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	2
Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8
Previous	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	2
Previous	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Data Drifted High	12
Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	5
Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	5
Previous	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Data Drifted High	12
Previous	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	2
Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8
Emissions Pending	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8
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Emissions Pending	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8
Emissions Previous	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	2
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Emissions Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8