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#### 2016 Freightliner Cascadia

#### **Test Information**

**Engine** Detroit Diesel DD15 EV (14.8)

**Engine Serial** DTDSC\*472N13\*S0313641\*GR0184

VIN <u>1FUJGLD54GLGR0184</u>

**Driveline** Class 8 6x4

**Body** Truck-Tractor MDHD: Conventional

**Test Time** Aug. 29, 2025, 4:55 p.m.

File Length 45.835 s

#### **Usage**

Label	Value	Units
Engine Odometer	263,153	mi
Odometer (Instrument Cluster #1)	1,116,626	mi
Engine Total Hours of Operation	24,022.75	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	107	%

### **Engine On/Off**

Engine running

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# **Check Engine Light**



MIL - Emissions malfunction



Amber Warning Lamp - Warning, but OK to drive

# **Emissions Deleted/Tampered**

No

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# **Faults**

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DM	Controller Name	SPN Name	FMI Name	Count			
Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Dosing Unit 1	Current Below Normal	1			
Active	Exhaust Emission Controller	Aftertreatment SCR Operator Inducement Severity	High-least severe	1			
Active	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Out of Calibration	1			
Active	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Out of Calibration	1			
Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Doser 1 Absolute Pressure	Voltage Below Normal	1			
Active	<b>Exhaust Emission Controller</b>	Aftertreatment 1 SCR Intake Temperature	Voltage Above Normal	1			
Active	<b>Exhaust Emission Controller</b>	Aftertreatment 1 SCR Outlet Temperature	Voltage Above Normal	1			
Active	<b>Exhaust Emission Controller</b>	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Voltage Above Normal	1			
Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intermediate Temperature	Voltage Above Normal	1			
Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Pressure	Voltage Below Normal	1			
Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Outlet Pressure	Voltage Below Normal	1			
Active	<b>Exhaust Emission Controller</b>	Aftertreatment 1 Diesel Particulate Filter Outlet Temperature	Voltage Above Normal	1			
Previous	Engine #1	Aftertreatment Regeneration Force Switch	Out of Calibration	1			
Previous	Engine #1	Battery Potential / Power Input	Low-moderate severity	3			
Previous	Engine #2	Battery Potential / Power Input	Low-most severe	2			
Previous	Engine #2	J1939 Network #2	Abnormal Update Rate	2			
Previous	Engine #2	Engine Turbocharger 1 Compressor Intake Temperature	Voltage Above Normal	1			
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Abnormal Update Rate	1			
Previous	Brakes - System Controller	Dif 2 - ASR Valve	Not Responding Properly	1			
Previous	Brakes - System Controller	Power Supply (Obsolete)	Voltage Above Normal	2			
Previous	Brakes - System Controller	Calibration Memory	Erratic, Intermittent, or Incorrect	2			
Previous	Passenger-Operator Climate Control #1	Compressor Clutch Circuit	Erratic, Intermittent, or Incorrect	1			
Previous	Passenger-Operator Climate Control #1	Key Switch Battery Potential	Voltage Above Normal	1			
Previous	Passenger-Operator Climate Control #1	Manufacturer Assignable SPN	Not Responding Properly	2			
Previous	Passenger-Operator Climate Control #1	HVAC Duct Temperature	Current Below Normal	126			
Previous	Passenger-Operator Climate Control #2	Key Switch Battery Potential	Voltage Above Normal	1			

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Previous	Exhaust Emission Controller	Key Switch Battery Potential	Not Responding Properly	2
Previous	Exhaust Emission Controller	Battery Potential / Power Input	Low-most severe	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Out of Calibration	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Out of Calibration	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Outlet Temperature	Voltage Above Normal	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Outlet Pressure	Voltage Below Normal	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Pressure	Voltage Below Normal	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intermediate Temperature	Voltage Above Normal	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Voltage Above Normal	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 SCR Outlet Temperature	Voltage Above Normal	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 SCR Intake Temperature	Voltage Above Normal	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Doser 1 Absolute Pressure	Voltage Below Normal	1
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Dosing Unit 1	<b>Current Below Normal</b>	1
Emissions Previous	Engine #2	J1939 Network #2	Abnormal Update Rate	2
Permanent	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Out of Calibration	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Outlet Temperature	Voltage Above Normal	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Outlet Pressure	Voltage Below Normal	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Pressure	Voltage Below Normal	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intermediate Temperature	Voltage Above Normal	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Voltage Above Normal	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Outlet Temperature	Voltage Above Normal	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Intake Temperature	Voltage Above Normal	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Doser 1 Absolute Pressure	Voltage Below Normal	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Dosing Unit 1	<b>Current Below Normal</b>	1
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Out of Calibration	1