

 RITCHIE BROS. Diagnostic Report
Auctioneers[®]**2018 Freightliner 106 Medium Duty****Test Information**

Engine	Cummins B6.7 (6.7)
Engine Serial	CMMNS*6B u17D0670000000*74216533
VIN	1FVACXFC7JHJC2895
Driveline	Class 7 4x2
Body	Truck MDHD: Conventional
Test Time	July 31, 2025, 11:51 a.m.
File Length	42.723 s
Test Time	July 31, 2025, 11:49 a.m.
File Length	44.27 s

Usage

Label	Value	Units
Engine Odometer	280,227	mi
Odometer (Instrument Cluster #1)	84,693	mi
Engine Total Hours of Operation	10,509.3	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	2	%

Engine On/Off

Engine running

Check Engine Light

No check engine lights on

Emissions Deleted/Tampered

No

Faults

DM	Controller Name	SPN Name	FMI Name	Count
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Volume	Abnormal Update Rate	16
Previous	Engine #1	Aftertreatment 1 Outlet NOx 1	Data Drifted High	16
Previous	Engine #1	Aftertreatment 1 Diesel Particulate Filter Outlet Pressure	Voltage Below Normal	11
Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	1
Previous	Engine #1	Engine Variable Geometry Turbocharger Actuator #1	Other Failure Mode	1
Previous	Engine #1	Charging System Potential (Voltage)	Low-moderate severity	1
Previous	Engine #1	Water In Fuel Indicator 1	High-least severe	126
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	1
Previous	Engine #1	Aftertreatment 1 Outlet NOx 1	Data Drifted High	16
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	1
Previous	Engine #1	Water In Fuel Indicator 1	High-least severe	126
Previous	Engine #1	Charging System Potential (Voltage)	Low-moderate severity	1
Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	1
Previous	Engine #1	Engine Variable Geometry Turbocharger Actuator #1	Other Failure Mode	1
Previous	Engine #1	Aftertreatment 1 Diesel Particulate Filter Outlet Pressure	Voltage Below Normal	11
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Volume	Abnormal Update Rate	16
Previous	Body Controller	Manufacturer Assignable SPN	Not Responding Properly	1
Previous	Body Controller	Manufacturer Assignable SPN	Voltage Below Normal	3
Previous	Body Controller	High-Low Beam Switch	Data Error	1
Previous	Body Controller	Turn Signal Switch	Data Error	1
Previous	Body Controller	Manufacturer Assignable SPN	Data Error	22
Previous	Body Controller	Source Address 3	Data Error	2
Previous	Body Controller	Windshield Wiper Motor Speed	Current Below Normal	70
Previous	Body Controller	Engine Starter Motor Relay Control	Current Below Normal	7
Previous	Body Controller	"Clearance, Side Marker, Identification Lamp Circuit (Black)"	Current Below Normal	4
Previous	Body Controller	Headlamp Low Beam Left #1	Current Below Normal	6
Previous	Body Controller	Headlamp Low Beam Right #1	Current Below Normal	15
Previous	Body Controller	Headlamp 2 High Beam	Current Below Normal	12
Previous	Body Controller	Cab Dome Light 2	Current Below Normal	126
Previous	Body Controller	Estimated Percent Fan 2 Speed	Current Below Normal	39
Previous	Body Controller	Manufacturer Assignable SPN	Not Responding Properly	4

Previous	Body Controller	Source Address /1	Data Error	1
Previous	Body Controller	Manufacturer Assignable SPN	Voltage Below Normal	3
Previous	Body Controller	Estimated Percent Fan 2 Speed	Current Below Normal	39
Previous	Body Controller	Headlamp 2 High Beam	Current Below Normal	12
Previous	Body Controller	Cab Dome Light 2	Current Below Normal	126
Previous	Body Controller	High-Low Beam Switch	Data Error	1
Previous	Body Controller	Manufacturer Assignable SPN	Not Responding Properly	4
Previous	Body Controller	Source Address 71	Data Error	1
Previous	Body Controller	Source Address 3	Data Error	2
Previous	Body Controller	Manufacturer Assignable SPN	Data Error	22
Previous	Body Controller	Turn Signal Switch	Data Error	1
Previous	Body Controller	Headlamp Low Beam Right #1	Current Below Normal	15
Previous	Body Controller	Manufacturer Assignable SPN	Not Responding Properly	1
Previous	Body Controller	"Clearance, Side Marker, Identification Lamp Circuit (Black)"	Current Below Normal	4
Previous	Body Controller	Headlamp Low Beam Left #1	Current Below Normal	6
Previous	Body Controller	Engine Starter Motor Relay Control	Current Below Normal	7
Previous	Body Controller	Windshield Wiper Motor Speed	Current Below Normal	70
Emissions Active	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	1
Emissions Active	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	1
Emissions Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	1
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Particulate Filter Outlet Pressure	Voltage Below Normal	11
Emissions Previous	Engine #1	Aftertreatment 1 Outlet NOx 1	Data Drifted High	16
Emissions Previous	Engine #1	Engine Variable Geometry Turbocharger Actuator #1	Other Failure Mode	1
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	1
Emissions Previous	Engine #1	Aftertreatment 1 Outlet NOx 1	Data Drifted High	16
Emissions Previous	Engine #1	Engine Variable Geometry Turbocharger Actuator #1	Other Failure Mode	1
Emissions Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	1
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Particulate Filter Outlet Pressure	Voltage Below Normal	11
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	1
Permanent	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	1
Permanent	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	1