

 **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 |