

rb RITCHIE BROS. Diagnostic Report
Auctioneers®

2017 International ProStar+

Test Information	
Engine	Cummins X15 Signature (15.0)
VIN	3HCDJAPR1HL677746
Driveline	Class 8 6x4
Body	Truck-Tractor MDHD: Conventional
Test Time	March 18, 2026, 4:21 p.m.
File Length	45.8902 s
Test Time	June 29, 2023, 12:07 p.m.
File Length	99.921 s

Usage			
Label	Value	Units	
Engine Odometer	356,975	mi	
Odometer (Instrument Cluster #1)	356,976	mi	
Engine Total Hours of Operation	13,183.05	h	
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	78	%	

Engine On/Off
Engine running

Check Engine Light
● MIL - Emissions malfunction
▼ Amber Warning Lamp - Warning, but OK to drive

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	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	5
Active	Transmission #1	Engine Starter Solenoid Lockout Relay Driver Circuit	Special Instruction	1
Previous	Engine #1	Aftertreatment Diesel Particulate Filter System	Erratic, Intermittent, or Incorrect	2
Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Rate of Change	28
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Volume	Low-least severe	1
Previous	Engine #1	Engine Coolant Level 1	Low-moderate severity	35
Previous	Engine #1	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Voltage Below Normal	1
Previous	Engine #1	Engine Coolant Level 1	Voltage Above Normal	1
Previous	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Voltage Below Normal	1
Previous	Engine #1	Aftertreatment 1 SCR Temperature Sensor Module	Voltage Below Normal	1
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	2
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Quality	Abnormal Update Rate	9
Previous	Transmission #1	Manufacturer Assignable SPN	Voltage Below Normal	1
Previous	Transmission #1	Engine Starter Solenoid Lockout Relay Driver Circuit	Special Instruction	4
Previous	Transmission #1	Battery Potential / Power Input	Voltage Below Normal	3
Previous	Transmission #1	Brake Pedal Position	Out of Calibration	4
Previous	Transmission #1	Anti-Lock Braking (ABS) Active	Special Instruction	113
Previous	Transmission #1	Transmission Primary Shift Selector	Other Failure Mode	127
Previous	Transmission #1	Transmission Clutch Actuator	Not Responding Properly	1
Previous	Transmission #1	Transmission Primary Shift Selector	Other Failure Mode	33
Previous	Transmission #1	Anti-Lock Braking (ABS) Active	Special Instruction	114
Previous	Transmission #1	Percent Clutch Slip	Abnormal Rate of Change	8
Previous	Shift Console - Primary	Audible Alarm	Voltage Above Normal	126
Previous	Shift Console - Primary	Transmission Secondary Shift Up Selector	Voltage Above Normal	1
Previous	Brakes - System Controller	Power Supply (Obsolete)	Voltage Above Normal	4
Previous	Brakes - System Controller	Power Supply (Obsolete)	Voltage Above Normal	30
Previous	Brakes - System Controller	Pressure Modulation Valve ABS Axle 2 Right	Current Above Normal	107
Previous	Brakes - System Controller	Wheel Sensor ABS Axle 3 Left	Voltage Below Normal	11
Previous	Brakes - System Controller	Hillholder system	Erratic, Intermittent, or Incorrect	1
Previous	Brakes - System Controller	Pressure Modulation Valve ABS Axle 2 Left	Current Above Normal	116
Previous	Instrument Cluster #1	Source Address 11	Abnormal Update Rate	1
Previous	Instrument Cluster #1	Source Address 23	Current Above Normal	17
Previous	Instrument Cluster #1	Source Address 3	Abnormal Update Rate	1
Previous	Body Controller	Manufacturer Assignable SPN	Out of Calibration	1
Previous	Body Controller	Manufacturer Assignable SPN	Erratic, Intermittent, or Incorrect	1
Previous	Body Controller	Cab HVAC Mode Control Actuator	Erratic, Intermittent, or Incorrect	116
Previous	Body Controller	Operator Input device for Cab Climate Control	Erratic, Intermittent, or Incorrect	126
Previous	Body Controller	Manufacturer Assignable SPN	Erratic, Intermittent, or Incorrect	9
Previous	Body Controller	Manufacturer Assignable SPN	Special Instruction	2
Previous	Body Controller	Source Address 0	Data Error	1
Previous	Body Controller	Manufacturer Assignable SPN	Out of Calibration	1
Previous	Body Controller	Right Fuel Level Sensor	High-most severe	1
Previous	Body Controller	Manufacturer Assignable SPN	Out of Calibration	1
Previous	Body Controller	Cab HVAC Recirculation Door Control Actuator	Erratic, Intermittent, or Incorrect	26
Previous	Body Controller	Cab HVAC Mode Control Actuator	Erratic, Intermittent, or Incorrect	46
Previous	Body Controller	Cab HVAC System Controller	Abnormal Update Rate	4
Previous	Body Controller	Cab HVAC Recirculation Door Control Actuator	Erratic, Intermittent, or Incorrect	2
Previous	Body Controller	Source Address 0	Data Error	1
Previous	Body Controller	Windshield Wiper Motor ON/OFF	Current Below Normal	2
Previous	Body Controller	Windshield Wiper Motor Speed	Current Below Normal	21
Previous	Body Controller	Source Address 23	Abnormal Update Rate	6
Previous	Body Controller	Manufacturer Assignable SPN	Special Instruction	1
Previous	Body Controller	Manufacturer Assignable SPN	Special Instruction	17
Previous	Body Controller	Manufacturer Assignable SPN	High-most severe	1
Previous	Body Controller	Source Address 23	Abnormal Update Rate	1
Previous	Body Controller	Manufacturer Assignable SPN	Special Instruction	1

Previous	Body Controller	Wiper Motor	Current Above Normal	21
Previous	Body Controller	Wiper Motor	Current Above Normal	9
Emissions Active	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	5
Emissions Active	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	7
Emissions Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Rate of Change	28
Emissions Previous	Engine #1	Aftertreatment Diesel Particulate Filter System	Erratic, Intermittent, or Incorrect	2
Emissions Previous	Engine #1	Aftertreatment 1 SCR Temperature Sensor Module	Voltage Below Normal	1
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	2
Emissions Previous	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	3
Emissions Previous	Engine #1	Engine Coolant Level 1	Voltage Above Normal	1
Emissions Previous	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Voltage Below Normal	1
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Voltage Below Normal	1
Permanent	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	5
Permanent	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	7