

rb RITCHIE BROS. Diagnostic Report
Auctioneers™**2023 Peterbilt 579****Test Information**

Engine	PACCAR MX/MX-13 (12.9)
Engine Serial	PCAR*MX16U21D13*Y287885*00000000
VIN	1XPBDP9X0PD881001
Driveline	Class 8 6x4
Body	Truck-Tractor
Test Time	July 28, 2026, 1:32 p.m.
File Length	54.7891 s

Usage

Label	Value	Units
Engine Odometer	736,628	mi
Odometer (Instrument Cluster #1)	734,747	mi
Engine Total Hours of Operation	15,342.0	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	56	%

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	Manufacturer Assignable SPN	Out of Calibration	1
Active	Engine #1	Engine Fuel Delivery Absolute Pressure	Low-moderate severity	1
Active	Communications Unit, Satellite	Manufacturer Assignable SPN	Abnormal Update Rate	3
Previous	Transmission #1	Transmission Shift Rail 4	Low-least severe	1
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	5
Previous	Brakes - System Controller	Wheel Sensor ABS Axle 3 Left	Abnormal Rate of Change	62
Previous	Brakes - System Controller	Battery Potential / Power Input	Voltage Below Normal	1
Previous	Brakes - System Controller	Brake Signal Sensor 1	Not Responding Properly	7
Emissions Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	1
Emissions Previous	Engine #1	Manufacturer Assignable SPN	Out of Calibration	2
Emissions Previous	Engine #1	Engine Fuel 1 Injector Cylinder 5	Current Below Normal	2
Emissions Previous	Engine #1	Engine Fuel 1 Injector Cylinder 6	Current Below Normal	2
Emissions Previous	Engine #1	Engine Fuel 1 Injector Cylinder 4	Current Below Normal	2
Emissions Previous	Engine #1	Engine Misfire for Multiple Cylinders	Condition Exists	2
Emissions Previous	Engine #1	Engine Cylinder 3 Misfire Rate	Condition Exists	1
Emissions Previous	Engine #1	Engine Fuel 1 Injector Cylinder 2	Current Below Normal	2
Emissions Previous	Engine #1	Controller #8	Failure	2
Emissions Previous	Engine #1	Engine Fuel 1 Injector Cylinder 1	Current Below Normal	2
Emissions Previous	Engine #1	Engine Exhaust Gas Recirculation 1 Valve Position	Other Failure Mode	13
Emissions Previous	Engine #1	Aftertreatment 1 SCR Conversion Efficiency	Low-moderate severity	1
Emissions Previous	Engine #1	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Abnormal Update Rate	15
Emissions Previous	Engine #1	Engine Fuel 1 Injector Cylinder 3	Current Below Normal	9
Emissions Previous	Engine #1	Manufacturer Assignable SPN	Out of Calibration	4
Emissions Previous	Engine #1	J1939 Network #1. Primary Vehicle Network	Abnormal Update Rate	9
Permanent	Engine #1	Manufacturer Assignable SPN	Out of Calibration	1