

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

Engine	PACCAR MX/MX-13 (12.9)
Engine Serial	PCAR*MX16U21D13*Y287909*00000000
VIN	1XPBDP9X2PD881002
Driveline	Class 8 6x4
Body	Truck-Tractor
Test Time	July 29, 2026, 2:37 p.m.
File Length	57.4161 s

Usage

Label	Value	Units
Engine Odometer	670,326	mi
Odometer (Instrument Cluster #1)	668,638	mi
Engine Total Hours of Operation	13,878.25	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	30	%

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	4
Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	1
Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	1
Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	2
Active	Engine #1	Engine Cylinder 6 Misfire Rate	Condition Exists	8
Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	2
Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	1
Active	Communications Unit, Satellite	Manufacturer Assignable SPN	Abnormal Update Rate	1
Previous	Transmission #1	Transmission Shift Rail 2 Position	High-most severe	11
Previous	Transmission #1	Transmission Shift Rail 2	Special Instruction	1
Previous	Transmission #1	Transmission Air Tank Pressure	Low-most severe	4
Previous	Brakes - System Controller	Wheel Sensor ABS Axle 3 Right	Erratic, Intermittent, or Incorrect	2
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Failure	8
Emissions Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	2
Emissions Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	2
Emissions Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	1
Emissions Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	1
Emissions Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	4
Emissions Active	Engine #1	Engine Cylinder 6 Misfire Rate	Condition Exists	8
Emissions Active	Engine #1	Manufacturer Assignable SPN	Out of Calibration	1
Emissions Previous	Engine #1	Engine Fuel 1 Injector Group 1	Voltage Above Normal	1
Emissions Previous	Engine #1	Manufacturer Assignable SPN	Out of Calibration	4
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Particulate Filter Outlet Temperature	High-most severe	1
Emissions Previous	Engine #1	Engine Misfire for Multiple Cylinders	Condition Exists	9
Emissions Previous	Engine #1	Engine Exhaust Gas Recirculation 1 Valve Position	Other Failure Mode	5
Emissions Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	1
Emissions Previous	Engine #1	Engine Fuel 1 Injector Cylinder 6	Current Below Normal	24
Emissions Previous	Engine #1	Engine Coolant Temperature	High-moderate severity	5