


**RITCHIE BROS. Diagnostic Report**  
 Auctioneers

**2021 Peterbilt 579**
**Test Information**

<b>Engine</b>	Cummins ISX (15.0)
<b>Engine Serial</b>	CMMNS*6X1u20D1500000000*80290939*0000000000
<b>VIN</b>	<a href="#">1XPBD49X1MD762903</a>
<b>Driveline</b>	Class 8 6x4
<b>Body</b>	Truck-Tractor
<b>Test Time</b>	July 2, 2026, 3:03 p.m.
<b>File Length</b>	42.366 s
<b>Test Time</b>	July 2, 2026, 3:02 p.m.
<b>File Length</b>	28.244 s

**Usage**

Label	Value	Units
Engine Odometer	470,424	mi
Odometer (Cab Controller - Primary)	470,424	mi
Engine Total Hours of Operation	12,221.0	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	26	%

**Engine On/Off**

Engine running

**Check Engine Light**

- MIL - Emissions malfunction
- ▼ Amber Warning Lamp - Warning, but OK to drive
- Red Stop Lamp - Stop vehicle

**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 Diesel Particulate Filter Temperature Sensor Module	Voltage Below Normal	1
Active	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Voltage Below Normal	1
Active	Headway Controller	Forward View Imager System	Special Instruction	127
Active	Headway Controller	Proprietary Network #1	Abnormal Update Rate	127
Active	Headway Controller	Forward View Imager System	Special Instruction	127
Active	Headway Controller	Proprietary Network #1	Abnormal Update Rate	127
Active	Tire Pressure Controller	Tire Pressure	Low-most severe	127
Active	Tire Pressure Controller	Tire Pressure	Low-most severe	127
Active	Tire Pressure Controller	Tire Location	Failure	127
Active	Tire Pressure Controller	Tire Sensor Electrical Fault	Voltage Below Normal	127
Active	Tire Pressure Controller	Tire Location	Failure	127
Active	Tire Pressure Controller	Tire Sensor Electrical Fault	Voltage Below Normal	127
Previous	Engine #1	Water In Fuel Indicator 1	High-least severe	18
Previous	Engine #1	Water In Fuel Indicator 1	High-least severe	18
Previous	Transmission #1	Battery Potential / Power Input	Voltage Below Normal	1
Previous	Transmission #1	Battery Potential / Power Input	Voltage Below Normal	1
Previous	Transmission #1	Brake Pedal Position	Abnormal Update Rate	1
Previous	Transmission #1	Brake Pedal Position	Abnormal Update Rate	1
Previous	Brakes - System Controller	Battery Potential / Power Input	Voltage Below Normal	1
Previous	Brakes - System Controller	Battery Potential / Power Input	Voltage Below Normal	1
Previous	Headway Controller	Headway Controller Forward Antenna	Voltage Below Normal	127
Previous	Headway Controller	Foundation Brake Use	Abnormal Update Rate	127
Previous	Headway Controller	Foundation Brake Use	Abnormal Update Rate	127
Previous	Headway Controller	Headway Controller Forward Antenna	Voltage Below Normal	127
Emissions Active	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	1
Emissions Active	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Voltage Below Normal	1
Emissions Active	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Voltage Below Normal	1
Emissions Active	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
Permanent	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Voltage Below Normal	1