# Truck Service Summary – Unit U13627

2021 Peterbilt 579

## Inspection & Preparation

- Completed 102 point PM inspection
- Performed ECM download
- Replaced all four dead batteries
- CTC passed

## Mechanical Repairs

- Replaced leaking rear axle air bags
- Converted transmission to 13-speed
- Tightened loose left shock mounts
- Replaced worn exhaust components

## Electrical & Lighting

- Cleared stored low-voltage warnings
- Replaced right-front outer turn bulb
- Replaced worn 7-way electrical cord
-

## Cab & Interior

- Installed new cab chrome kit
- Replaced worn red and yellow MV3 knobs
- Made an extra key for the truck
- Replaced sunvisor clip and seat air union

## Exterior & Visibility

- Replaced both license plate frames
- Installed new mudflap reflectors
- Replaced both worn wiper blades
- Replaced hood stop strut and stack tip

## Add-Ons & General Service

- Replaced cabin and engine air filters
- Replaced crankcase and fuel filters
- Replaced red and blue glad-hands
-

## Additional Work Performed

- Straightened left cab-entry step brackets
- Replaced worn clutch pedal pad
- Replaced spring-line tender with new pogo
- Removed dashcam harness and dash stickers

## Final Service

- Final road test complete

## Vehicle Details

- 2021 Peterbilt 579
- mileage: 180,321

## Summary

U13627 received a 102 point PM inspection, four new batteries, ECM service, rear air-bag repair, a 13-speed transmission conversion, cab and exterior hardware, lighting/electrical repairs, new filters, glad-hands, mudflaps, and related service work.

Eliminate downtime. If the wheels aren't turning, you're not earning.

**Total Reconditioning Investment:** **$5,826.96**

Source: scanned invoice packet, pages reviewed visually.

LENOX
MOBILE TRUCK REPAIR

# Retail B

## PM SERVICE & INSPECTION

## B - Service & Inspection

| CUSTOMER / FLEET NAME | DATE. | ODOMETER / ENGINE HOURS | REPAIR ORDER # |
|---|---|---|---|
| Charter Sales Company | 7/27/26 | 180,321 | 3901 |
| **ADDRESS** | **UNIT NO.** | **VIN # (LAST 7 DIGITS)** | **VEHICLE MAKE & MODEL** |
| 27000 Asti Road | U13627 | D739623 | Peterbilt / 579 |
| **CITY, STATE / PROVINCE, ZIP / POSTAL CODE** | **PHONE:** | **Inspection Location**: | |
| Cloverdale, CA. 95425 | (707) 893-6428 | Cloverdale, CA. | |

**COMPLETE ALL OF THE INSPECTION AND SERVICE POINTS ACCORDING TO THE SERVICE WORKED ON AND INDICATE:**

**√ = OK  O = REPAIR REQUIRED  X = REPAIR COMPLETED  N = NOT APPLICABLE**

| CIRCLE INSPECTION: | B |
|---|---|
| Physical Damage, Sheet Metal, Frame & X-members, Grill & Radiator, Wheels, Bumpers | √ |
| Air Leaks | √ |
| Headlights - High & Low Beams | √ |
| Road Lights | √ |
| Clearance Lights / Reflectors | √ |
| Turn Lights | √ |
| Brake Lights | √ |
| Emergency Flasher | √ |
| Backup / Load Lights | √ |
| License Plates, Permits & Mounting | √ |
| Mud Flaps / Serviceable | √ |
| Fuel Tank Mounting / Filler Cap in Place | √ |
| Fuel Crossover Line (Droop, Damage) If equipped | √ |
| Exhaust System-Condition, Leaks & Mounting Bolts | √ |
| **CAB - COE**: Hold Down Latches | N |
| Inspect Clutch Cable ( If Applicable ) | √ |
| Mounts | √ |
| Front Pivot Assembly | √ |
| Jack Operation & Leaks | N |
| Safety Locks, Tip-Over Stop ( Visual Inspection ) | √ |
| **INITIAL DRIVE IN:** | **B** |
| Clutch Pedal Free Travel | √ |
| Parking Brake - Brakes applied upon activation of control | √ |
| Glass for Cracks or Chips | √ |
| Steering Wheel Free Play & Column Mounting | √ |
| Door Window Operation | √ |
| Interior Lights | √ |
| Cranking System Operation | √ |
| **Gauges / Warning Lights - Illumination / Operational:** | √ |
| Maintain Low Idle | √ |
| Oil Pressure | √ |
| Low Air Pressure Warning Devices | √ |
| Air Cleaner Restriction Gauge | √ |
| Electronic Warning Module / A&B Cluster Lights On/Off | √ |
| Governed Air Pressure: 130 PSI - KpA | √ |
| Air Pressure Drop-Brakes Not Applied: 0 (PSI - KpA/min.) | √ |
| Air Pressure Drop-Brakes Applied: 0 (PSI - KpA/min.) | √ |
| Windshield Wiper / Washer Condition & Operation | √ |
| Horns ( Electric & Air ) | √ |
| Mirrors / Heated / Motorized Operation | √ |
| Drain Water from Air Tanks | √ |
| Air Tank Check Value | √ |
| Emergency Operation of Spring Brakes | √ |
| Tractor Protection Valve Breakaway Test | √ |
| Fire Extinguisher Charge | √ |
| Flare Kit / Reflectors - Readily Accessible | √ |
| **BATTERIES:** | **B** |
| Hold-Down & Box-Mounting Bolts | √ |
| Signs of Over-Charging - Visual Inspection | √ |

Sealed Type - Condition:

Color of Charge Indicator for Each Battery

**1.)** green **2.)** green **3.)** green **4.)** N/A

| REAR FRAME | B |
|---|---|
| Frame & X-members - Cracks / Fasteners - Loose, Broken, Missing | √ |
| 5th Wheel Mounting & Condition / Check Adjustment / Handle Locked | √ |
| Air Lines & Glad-hands | √ |
| Trailer Light Cord & Connectors | √ |
| Pintle - Hook / Eye Mounting & Condition | N |
| Inner & Outer Hub Seals Leaks | √ |
| Spring Shackles & Hanger Brackets | √ |
| Spring Leaves / Bushings / Shocks / Air Bags | √ |
| Radius Rods / Torque Arms | √ |
| **TIRES & WHEELS:** | **B** |
| Missing Valve Caps / Tighten Stem Locks | √ |
| Cracks or Loose Wheel Lugs | √ |
| Tire Pressure ( Record Below ) | √ |
| Remaining Tread ( Record Below ) | √ |

### TIRE INSPECTION

**Enter Air Pressure Before Adjustment**

| | | |
|---|---|---|
| Front Axle Driver Side: | **PSI:** 104 | |
| | **32nd's:** 17 | |
| Front Tandem Driver Side: | **PSI:** 94 | **PSI:** 93 |
| | **32nd's:** 16 | **32nd's:** 16 |
| Rear Tandem Driver Side | **PSI:** 92 | **PSI:** 89 |
| | **32nd's:** 16 | **32nd's:** 16 |
| Front Axle Pass. Side: | **PSI:** 105 | |
| | **32nd's:** 18 | |
| Front Tandem Pass. Side: | **PSI:** 92 | **PSI:** 93 |
| | **32nd's:** 16 | **32nd's:** 16 |
| Rear Tandem Pass. Side: | **PSI:** 92 | **PSI:** 92 |
| | **32nd's:** 16 | **32nd's:** 17 |

Air Pressure Adjusted to Front Tires: 115 Rear Tires: 100

| CHASSIS LUBE - BEGIN: | B |
|---|---|
| Lubricate Door Hinges & Latches | √ |
| Chassis Lubrication / 5th Wheel / Drive Line / Fan Hub | √ |
| **UNDER VEHICLE:** | **B** |
| Rear Axle Leaks & Lubricant Level | √ |
| Rear Axle Breathers - Clear | √ |
| Drive Lines - U-Joints & Slip Yokes | √ |
| Brake Hoses for Cracks, Chafing, any damage extending thru Outer Ply | √ |
| Adjust Brakes - Check Auto Slack Adjusters | √ |

Brakes: Lining Remaining - Estimate of thickness - NO DISASSEMBLY

**Circle one for each:**

| | | | | |
|---|---|---|---|---|
| Front Axle L: | ✔ | 1/2" or more | 1/4" to 1/2" | Less than 1/4" |
| Front Axle R: | ✔ | 1/2" or more | 1/4" to 1/2" | Less than 1/4" |
| Front Tandem L: | ✔ | 1/2" or more | 1/4" to 1/2" | Less than 1/4" |
| Front Tandem R: | ✔ | 1/2" or more | 1/4" to 1/2" | Less than 1/4" |
| Rear Tandem L: | ✔ | 1/2" or more | 1/4" to 1/2" | Less than 1/4" |
| Rear Tandem R: | ✔ | 1/2" or more | 1/4" to 1/2" | Less than 1/4" |

**This Inspection complies with the DOT Federal Annual Inspection requirements**

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B LEVEL SERVICE & INSPECTION

| UNDER VEHICLE (continued): | B |
|---|---|
| Drum Condition - Visual Inspection: **(Good, Fair, Bad)** - NO DISASSEMBLY | |
| Front Axle L: Good | |
| Front Axle R: Good | |
| Front Tandem L: Good | |
| Front Tandem R: Good | |
| Rear Tandem L: Good | |
| Rear Tandem R: Good | |
| Transmission Leaks & Lubricant Level | √ |
| Engine & Transmission Mounts | √ |
| Engine Oil Pan Plug - Reinstall | √ |
| Steering Gear - Cracks & Leaks, Mounting Brackets Loose Fasteners | √ |
| Steering Shaft Splines & Joint(s) | √ |
| Pitman Arm | √ |
| Drag Link | √ |
| Steering Arms | √ |
| Tie Rod Arms | √ |
| Tie Rod Ends | √ |
| Radius Rods / Torque Arms | √ |
| Spring Shackles & Hanger Brackets | √ |
| King Pin Wear | √ |
| Spring Leaves / Shocks / Air Bags | √ |
| Front Axle Beam for Cracks or Obvious Welded Repairs | √ |
| Wheel Bearing Play | √ |
| Front Hub Lubricant Level / Leaks | √ |
| **ENGINE COMPARTMENT:** | **B** |
| Engine Oil Level | √ |
| Cranking System: Visual Inspection Loose Connections | √ |
| Cab, Chassis Grounds | √ |
| Steering Gear - Fluid Level | √ |
| Check Hydraulic Brake Fluid Level ( Medium Duty - If Applicable ) | N |
| Drive Belt(s) Condition | √ |
| Drive Belt(s) Adjustment | √ |
| Air Comparessor & Pulley, Mtg Brackets; Broken, Cracked, Loose Parts | √ |
| Fan Assembly & Idler Pulley | √ |
| Fan Clutch & Over-Ride Operation | √ |
| Radiator - Exterior Condition | √ |
| Radiator Mounting | √ |
| Hose Condition & Connections | √ |
| Air Conditioning Compressor / Condenser Mounts / Leaks | √ |
| Cooling: Check Supplemental Coolant Additive / Condition to Mfg Spec | |
| SCA's OK ✔ Undercharged_____ Overcharged_____ | |
| Coolant Level | √ |
| Coolant Protection (Freeze Point): -34 ° (degrees Fahrenheit / Celcius) | √ |
| Pressure Test / Check Leaks | √ |
| Air Cleaning Mounting / Interference | √ |
| Contaminent Accumulation | √ |
| Vacuator Valve - Operation & Condition | √ |

**DRIVER'S COMMENTS:**

| CHARTER REQUIREMENTS: | |
|---|---|
| One Spare Key | √ |
| Replace Red & Yellow Brake Knobs if Faded | √ |
| Top-off all Fluids | √ |
| A/C Works | √ |
| Air Blows Out of all Vents | √ |
| Clean RH View Window | N |
| New Charter Flaps w/ Straight Hangers | √ |
| Replace Door Seal if Damaged | √ |
| Replace Q-Fenders if Damaged or Plastic | √ |
| Replace Stack if Damaged or Rusty | √ |
| Operate all Attached Equipment | √ |
| Chrome Kit | √ |
| Order Clean Idle Stickers if not there | √ |
| Plug all Holes in Dash | √ |
| Plug all Holes in Frame with Painted Bolt | √ |
| Repair all Air Leaks | √ |

**FOR DEALERSHIP USE ONLY**

✔ **This inspection has been completed and complies with FMCSR49CFR, 396.17-23 DOT Annual Inspection**

**VIN #** D739623

**(Last 7 Digits Required for Annual Inspection)**

**INSPECTED BY:**_____

**OTHER - INSPECTIONS EXPIRATION DATE:**

California BIT 90 Days

I acknowledge that all items noted on this form as requiring repair(s) have been explained to me. I further accept responsibility for all items indicated on this form requiring repair, that were not repaired at my direction, and shall indemnify and hold harmless the Dealer, Peterbilt Motors Company, PCC, and PACCAR Inc, their officers, directors, and employees, from and against any and all claims, suits, damages, costs, losses, and expenses, including attorney's fees, in any manner resulting from or arising out of the failure of an unrepaired part, component, or system.

**APPROVED BY:** JR

**CUSTOMER SIGNATURE REQUIRED HERE**

**This inspection complies with the DOT Federal Annual Inspection requirements**

# JPRO ® DIAGNOSTIC REPORT

LENOX
MOBILE TRUCK REPAIR

Lenox Mobile Truck Repair LLC.
327 Pepperwood Drive Cloverdale, CA 95425

Connection Date: July 20, 2026 11:09 AM
Print Date: July 20, 2026 11:09 AM

| | |
|---|---|
| **VIN** | 1XPBDP9XXMD739623 |
| **Vehicle Make** | Peterbilt |
| **Model** | 579 |
| **Series** | |
| **Model Year** | 2021 |
| **Unit Number** | U13627 |

## Vehicle Components

| Component | Description | Serial Number | Software Version | Network |
|---|---|---|---|---|
| Engine | PACCAR MX 13 EPA 17 | Y227448 | PC4_H1520P201A HP201A-10082 NA08b MY2020 EPA17 CMPNENT 37 CMPNENT 38 2312664 | J1939 (High) /15765 (CAN) |
| Brakes | Bendix EC-80 ESP ABS | 6244191089 | Z091290 | J1939 (High) /15765 (CAN) |
| Cab Controller - Primary | PACCAR CECU3 500K | N/A | P30-1041 | J1939 (High) /15765 (CAN) |
| VECU | PACCAR VECU | N/A | 2320818 | J1939 (High) /15765 (CAN) |
| Headway Controller | Bendix Wingman® FLR21™ Radar Sensor | 194306191 | BX180250 | J1939 (High) /15765 (CAN) |

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Connection Date: July 20, 2026 11:09 AM
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## Vehicle Key Data Points

| Description | Parameter Value |
|---|---|
| Avg Fuel Econ | 5.60 mpg |
| Battery Potential | 13.70 volts |
| Total Idle Hrs | 6,121.50 hrs |
| Idle Shutdown | Not Available |
| Road Speed Limit | Not Available |
| PTO Status | Not Available |
| Red Stop Lamp | Off |
| Protect Lamp | Off |
| Engine Speed | 650 rpm |
| Exhaust System High Temperature Lamp Command | Off |
| ABS Control Status, Trailer | Off |
| Engine Odometer | 180,321.30 mi |
| Fuel | 44% |
| Diesel Exhaust Fluid | 69% |

| Description | Parameter Value |
|---|---|
| Idle Fuel Used | 4,100.30 gal |
| DPF Soot Level | Low |
| DPF Derate | Low |
| Total Engine Run Time | 10,061.10 hrs |
| Cruise Spd Limit | Not Available |
| Malfunction Indicator Lamp | Off |
| Amber Warning Lamp | Off |
| Parking Brake Switch | On |
| DPF Lamp Command | Off |
| ABS Control Status | Off |
| Odometer | 180,321.30 mi |
| Instrument Cluster Odometer | 180,321.30 mi |
| Coolant | Normal |

## Vehicle Issues

No Active Issues Found

## Faults

| Status | Component | Description | Lookup Code | FMI | Count |
|---|---|---|---|---|---|
| | | | | | |

The buyer acknowledges that no guarantees are made as to actual hours/miles/kilometers. The inspection report reflects what can be visually observed.

Sign _____ Date _____