



Repair Order Detail

RO: RO07-0347714

Status: CLOSED

Repair Class: SCHEDULED

Shop: SAL

SALINA SHOP

Repair Site: FACILITY

Unit: B1458

PETERBILT 579 14X+ X15E BENDIX
AIRTRAC

Opened: 11/11/2024

Customer PO #:

Completed: 11/15/2024

Domicile: SAL

Make: PTRBL

Odometer: 205,248

Cost Cntr: 105

Model: 579

License: Z085473

Year: 2023

VIN: 1XPBD49X1PD854176

In Service: 10/18/2022

Section: 1	Priority: 5	Complaint: CKENG	Rep Reason: DRIVERREPORT
Component: 045-021		Cmp Descrip: Electronic Engine Controls	
War Type: EXTENDED		Unit War: None	
Comments: driver says check engine light on and truck running really rough			

Comment

Date	Comment Text					
11/11/2024	Driver complained of check engine light and low power. Connected computer and found faults 332, 323, 325, #4,5,6 injector solenoid driver circuit.					

Labor

Date	Mechanic	Description	Hours	Rate	Total
11/11/2024	JEN520	JEN520 - Electronic Engine Controls	0.33	85.00	28.33
11/12/2024	LEW900	LEW900 - Electronic Engine Controls	0.12	85.00	9.92
11/14/2024	JEN520	JEN520 - Electronic Engine Controls, WORN OUT, INSPECTED	0.03	85.00	2.83

Part

Date	Part ID	Description	After	Qty	Unit Price	Total
11/15/2024	SS1	Shop Supplies		1.00	21.48	21.48

Task Details

Section: 2	Priority: 5	Complaint: CKENG	Rep Reason: INSPECTION
Component: 044-014		Cmp Descrip: Injectors - Electronic	
War Type: EXTENDED		Unit War: None	
Comments: check engine light			

Comment

Date	Comment Text					
11/12/2024	Connected computer, fault codes 332, 323, 325, #4,5,6, injector solenoid driver circuits, went through troubleshooting, removed intake, crossover pipe, valve cover, injector harness, found #6 injector failed, removed fuel lines, connecting tube, replaced #6 injector, and connecting tube, torque to spec, reinstalled injector harness, valve cover, crossover pipe, intake, torque all to spec, reconnected computer, reset injector trim code, cleared faults, started truck, no fuel leaks, no faults, found oil coming from turbo outlet, proceeded to other repair on turbo					

Labor

Date	Mechanic	Description	Hours	Rate	Total
11/12/2024	JEN520	JEN520 - Injectors - Electronic, WORN OUT, REPLACED NEW	2.28	85.00	194.08
11/14/2024	JEN520	JEN520 - Injectors - Electronic, WORN OUT, REPLACED NEW	0.00	85.00	0.00

Part

Date	Part ID	Description	After	Qty	Unit Price	Total
11/11/2024	6513589PXCUM	Kit, X15 Injector		1.00	1402.90	1,402.90

Task Details

Section: 3	Priority: 5	Complaint: LEAKING WATE	Rep Reason: INSPECTION
Component: 042-002		Cmp Descrip: Radiator	
War Type: EXTENDED		Unit War: None	
Comments: Engine has coolant leak on pass rear side of engine			

Comment

Date	Comment Text					
11/13/2024	LEW900-Driver complained of coolant leak on pass rear side of engine. Pressure tested cooling system and found that heater hose from bypass valve to rear of engine was leaking. Drained coolant and removed heater hose, found that hose had a tear in it. Replaced heater hose and clamps. Filled coolant and pressure tested cooling system to verify repair. Steam cleaned engine and checked coolant level, good. Repair complete.					

Labor

Date	Mechanic	Description	Hours	Rate	Total
11/12/2024	LEW900	Fan	0.20	85.00	17.00
11/13/2024	LEW900	Fan	1.37	85.00	116.45
11/15/2024	LEW900	Fan, LEAKING, REPLACED NEW	0.02	85.00	1.70

Task Details

Section: 4	Priority: 5	Complaint: 029/DNOPROPE	Rep Reason: DRIVERREPORT
Component: 002-037		Cmp Descrip: Seat Assembly (includes 02-027, 02-028, 02-029)	
War Type: EXTENDED		Unit War: None	



Repair Order Detail

Comments: seat drops every 15-20 mins

Comment

Date	Comment Text					
11/13/2024	The driver wrote up that the seat was leaking it would lose pressure after 15 to 20 minutes so added all the way up it did drop inspected it and found the airline that we tied to for the seat blower had a hole in it so cut the whole out of it and replace that section of quarter inch air line					

Labor

Date	Mechanic	Description	Hours	Rate	Total
11/12/2024	JEN520	JEN520 - Seat Assembly (includes 02-027,	0.27	85.00	22.67
11/13/2024	GIB500	GIB500 - Seat Assembly (includes 02-027,	1.23	85.00	104.83

Task Details

Section: 5 **Priority: 5** **Complaint:** INOPERATIVE **Rep Reason:** DRIVERREPORT
Component: 034-001 **Cmp Descrip:** Headlamps
War Type: EXTENDED **Unit War:** None
Comments: d/s spotlight inop

Comment

Date	Comment Text					
11/13/2024	Verified driver complaint, tested for power and ground at connector in headliner, found power and ground good, removed handle and test for power, test good, replaced spot light assembly, had to wire in new handle also, secured and adjusted all wiring, test good					

Labor

Date	Mechanic	Description	Hours	Rate	Total
11/12/2024	JEN520	JEN520 - Headlamps	1.05	85.00	89.25
11/13/2024	JEN520	JEN520 - Headlamps, WORN OUT, REPLACED NEW, REWIRED	0.07	85.00	5.67

Part

Date	Part ID	Description	After	Qty	Unit Price	Total
11/12/2024	6100-003	Spot Lamp	REPL	1.00	120.61	120.61
11/12/2024	6001-001	Spot Lamp Handle		1.00	41.76	41.76

Task Details

Section: 6 **Priority: 5** **Complaint:** LEAKING **Rep Reason:** INSPECTION
Component: 043-004 **Cmp Descrip:** Turbocharger
War Type: EXTENDED **Unit War:** None
Comments: Driver complained oil leak on pass side of motor. (Possible Turbo)

Comment

Date	Comment Text					
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Repair Order Detail

11/12/2024 LEW900-Driver complained of oil leaking from pass side of engine. Inspected engine for oil leak and found that oil was leaking from turbo outlet exhaust clamp. Removed exhaust clamp and pipe, found that turbo is pushing oil out of the exhaust. Turbo has failed and needs to be replaced. Shawn has been working on this truck, so he is going to do the repairs. Got with Carlos and ordered a turbo. Turbo will be here tomorrow, 11/12/24.

11/14/2024 Found oil leaking from turbo outlet clamp, removed pipe and found oil coming from turbo, drained coolant, removed intake, oil and coolant lines, turbo, cleaned all surfaces, when swapping vgt actuator to new turbo, found vgt full of oil, ordered new parts, installed new turbo with new gaskets, studs, nuts, new o rings on fittings, calibrated and installed new vgt, torque all to spec, reinstalled exhaust, filled with coolant, pressure tested coolant system, no leaks, removed pass step and cover, removed dpf and found face plugged, blew out doc with shopnair with truck running, cleaned and reinstalled with cleaned dpf, new clamps and new gaskets, started truck, no leaks, steam cleaned engine, reinstalled pass step and cover, performed parked regen and monitored all Temps and pressures, all test good

Labor							
Date	Mechanic	Description			Hours	Rate	Total
11/12/2024	LEW900	LEW900 - Turbocharger			1.12	85.00	94.92
11/12/2024	JEN520	JEN520 - Turbocharger			2.58	85.00	219.58
11/12/2024	JEN520	JEN520 - Turbocharger			0.58	85.00	49.58
11/13/2024	JEN520	JEN520 - Turbocharger			0.00		0.00
11/14/2024	JEN520	JEN520 - Turbocharger			0.67	85.00	56.67
11/14/2024	JEN520	JEN520 - Turbocharger, CONTAMINATED, FOREIGN MAT, LEAKING, WORN OUT, REPAIR, REPLACED NEW			0.12	85.00	9.92

Part							
Date	Part ID	Description	After		Qty	Unit Price	Total
11/13/2024	6395633RXCUM	Turbocharger, EPA 21 & 24	Before		1.00	6710.54	6,710.54
11/13/2024	4966441	Gasket - Muffler Outlet To Exhaust Pipe			1.00	17.23	17.23
11/13/2024	4298242	Stud - Mounting, Turbocharger			2.00	17.66	35.32
11/13/2024	4298975	Nut - Mounting Studs, Turbocharger			4.00	8.48	33.92
11/13/2024	6382093RXCUM	Actuator-VGT Vane, Turbocharger			1.00	1455.25	1,455.25

Task Details				
Checked	Description	Checked By	Date	Comment
[]	AIR INTAKE SYSTEM - TURBOCHARGER, RENEW - NO NOTE - IN FRAME, CONVENTIONAL, LONG, CUMMINS ENGINE - RENEW			

Section: 7	Priority: 5	Complaint: LEAKING	Rep Reason: INSPECTION
Component: 043		Cmp Descip: Exhaust System	



Repair Order Detail

War Type: EXTENDED **Unit War:** None
Comments: Driver complains of exhaust leak on rear pass side of engine.

Comment

Date	Comment Text					
11/13/2024	Found front exhaust clamp leaking, removed pipe, found pipe worn out where it connects to turbo outlet, when pipe was removed, found flex pipe was spinning free, found rear gasket blown out, ordered new pipe, reinstalled new pipe with all new clamps and gaskets, torque all to spec, test for leaks, no leaks					

Labor

Date	Mechanic	Description			Hours	Rate	Total
11/13/2024	JEN520	JEN520 - Exhaust System, CRACKED, LEAKING, WORN OUT, REPLACED NEW			0.97	85.00	82.17

Part

Date	Part ID	Description	After		Qty	Unit Price	Total
11/13/2024	90-0012	Clamp - Exhaust System			2.00	11.23	22.46
11/13/2024	2866636	Gasket - Turbocharger to Exhaust			3.00	13.25	39.75
11/13/2024	M66-9006-001	Pipe - Turbocharger Outlet			1.00	424.37	424.37
11/13/2024	2188190PE	Gasket - DPF Exhaust After-treatment			2.00	69.80	139.60
11/13/2024	2011939PE	Clamp - V-Band, DPF Exhaust After-			2.00	95.66	191.32
11/13/2024	DPF1	DPF FILTER CLEANING			1.00	213.50	213.50

Task Details

Section: 8 **Priority:** 5 **Complaint:** PM **Rep Reason:** INSPECTION
Component: 000-046 **Cmp Descrip:** DPF FILTER CLEANING
War Type: NO WARRANTY **Unit War:** None
Comments: change dpf due to engine codes

Comment

Date	Comment Text					
11/14/2024	I was asked if I would install a DPF in this truck when Shawn went home so I did I don't know why or what I was doing wrong but I could not get the one side to line up I fought it I tore the part once went to put it back together nothing would line up that's why this took so long I did get the DPF installed hooked everything back up installed the step bracket reinstalled the step on the outside Shwan said when I was done I might have to plug back into it and clear the codes the computers over there plugged into the wall for some reason I don't know what they're doing with that and I don't know for sure if it's good to go or what's left on it					

Labor

Date	Mechanic	Description			Hours	Rate	Total
11/13/2024	GIB500	GIB500 - DPF FILTER CLEANING, PM, PERFORMED			3.48	85.00	296.08

Task Details

Totals Repair Order RO07-0347714

US\$ - United States Dollars

Total Parts Issued:	24.00
Total Labor Hours:	16.49
Total Part Charges:	10,870.01
Total Labor Charges:	1,401.65
Total Tax Charges:	0.00
Total Fee Charges:	0.00
Total Service Charges:	0.00
Repair Total:	12,271.66

Cost For Each Line Type

LABOR	1,401.65
PART	10,870.01

