

# Invoice

Date	Invoice #
10/14/2022	4699

P.O. No.	Terms
	Due on receipt

Quantity	Description	
6.25	2006 Peterbilt Vin 2NPLLD9X87M682305, Serial # WAX27373 156887 Miles. Complaint the engine is pressuring up the cooling system and has blow by. Power wash engine. Drained coolant & A/C. Removed CAC piping & radiator hoses. Removed exhaust manifold/turbo, thermostat housing, air cleaner, fan, radiator supports, intake heater, intake manifold, harnesses, alternator, a/c compressor, idler/tensioners, accessory bracket, & fan hub.	[Redacted]
2.5	Removed head bolts, injectors, and fuel return line. Removed head and inspected. Found head cracked and #5 cylinder scored.	
8	Removed trans cooler, supported trans. Removed radiator. Removed engine mounts. Removed engine from chassis. Stripped to bare block.	
8.25	Installed crank bearings. Removed crank from old block and installed to new block. Torqued main caps to spec. Flipped engine over. Installed piston/rod assemblies to block. Torqued rod caps to spec. Installed oil cooler. Installed rear housing. Installed cam idler gear. Timed and torqued. Installed front housing. Torqued to spec. Swapped all plugs to new block.	
8	Installed new cam bearings. Installed and timed cam. Installed cam retainer and torqued. Installed cam followers and torqued. Installed flex plate, oil manifold, turbo drain, soft plugs and water pump. Installed front main seal and wear sleeve. Installed damper and torqued. Installed front gear cover.	
3.5	Cleaned parts and installed engine speed sensors, oil pump, oil pan, breather hose, dipstick tube, and starter motor. Set engine on stands.	
8.5	Installed engine to chassis. Torqued bell housing bolts, motor mounts, and torqued converter bolts. Installed harnesses and ECM. Installed dowels to block.	
2	Installed air compressor, HEUI pump & lines, ECM, and engine harness.	
8	Cleaned new head. Installed head to block. Torqued to specification. Installed exhaust manifold & turbo with new studs. Installed exhaust out piping, oil supply and drain lines. Installed fuel return line, intake manifold, intake connecting, harnesses, HEUI oil and fuel lines. Installed fuel filter housing and intake heater relay.	
6	Installed injectors and rocker shaft/push rods. Set overhead adjustment. Installed thermostat housing. Removed and replaced hemostats. Installed fan hub bracket, ac bracket, Alt bracket, A/C compressor, alternator, fan hub, belt tensioner, belt, fan blade, and air plumbing.	
		<b>Total</b>

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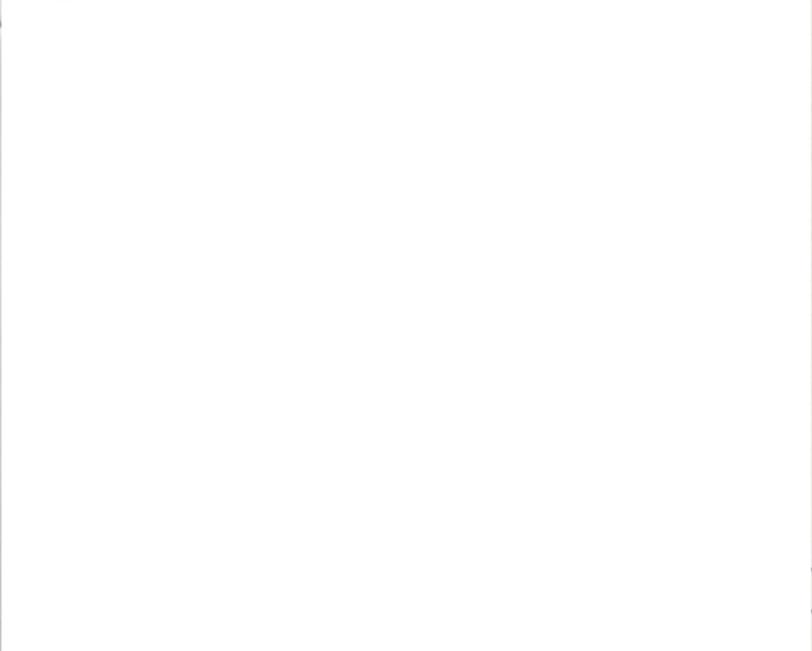
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7	Installed remaining head bolt. Repair injector harness. Installed valve cover base and valve cover. Installed radiator and upper radiator support. Installed OEM harness, A/C lines, radiator hoses, heater hoses, vent lines, P/S pump and all p/s hoses.		
4	Install CAC piping, trans cooler/hoses, lower water neck/hoses. Vac filled cooling system. Filled with oil. Removed and replaced fuel filters. Primed fuel system. Connected batteries. Checked ECM for faults. Ran engine and found #6 cylinder misfire.		
2	Removed and replaced accumulator. Vac/Charges A/C to 2.0lbs R134A. Test drove truck. No issues found.		
	Replaced water pump and injectors. The engine was overheated and caused the cylinder wall/piston to score and crake the cylinder head. The injectors were replaced because the tips were blue from overheating.		
1	20R0635 KIT ENG OVERHAUL		
1	2908676 KIT GASKET R		
1	2974831 KIT GASKET W		
1	3085804 KIT GASKET		
6	20R8059 INJECTOR G-F		
1	10R5407 PUMP GP WATER		
1	7E0759 HOSE		
1	2457339 SEAL GP-CSHA		
2	2033940 SEAL ORING		
2	1261757 WASHER		
1	1661781 GASKET		
2	3D2824 SEAL ORING		
1	3J1907 SEAL		
2	3J7354 SEAL ORING		
3	3K0360 SEAL		
1	2385081 SEAL ORING		
1	0617538 ORING		
1	0619455 SEAL		
9	2147568 SEAL ORING		
1	2275904 SEAL ORING		
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1	1359819 SEAL		
2	2287089 SEAL ORING		
3	6V5050 SEAL ORING		
2	BOLTS SCREWS FASTENERS		
1	51813 GASKET MAKER		
6	2W7213 BEARING		
1	2165586 BEARING SLEEVE		
1	1240686 ELEMENT		
2	2M6471 PLUG		
1	2223909SEAL GP		
1	128407 SLEEVE		
4	CB2203-79 MOUNT		
1	K-66-407 BUSHING FRONT ENGINE		
1	K066-404 BUSHING FRONT ENGINE		
1	6V5696 BOLT		
1	504-12519 CYLINDER HEAD		
4	METRIC BOLTS AND WASHERS		
2	1154223 REGULATOR		
1	6V5839 WASHER HARD		
1	8T7950 BOLT		
4	52010 HOSE CLAMP		
2	52012 HOSE CLAMP		
6	27410 MULTI PURPOSE HOSE 6FT		
2	27418 MULTIPURPOSE HOSE 2 FT		
12	5353 TRANS FLUID DEX/MERCON		
1	2201157 HOSE		
1	2333663 HOSE		
1	5793313 GASKET		
5	MOBILE 1300 15/40 ENGINE OIL		
10	EC3501 COOLANT-TRP ELE 50/50		
1	52040 HOSE CLAMP		
1	33406 FUEL FILTER		
1	2646156 ROD VALVE PUSH		
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	Parts Freight Sales Tax		
<b>TERMS: A FINANCE CHARGE OF 1.5% PER MONTH (18% PER ANNUM) WILL BE ADDED TO ALL ACCOUNTS 30 DAYS PAST DUE.</b>			<b>Total</b> \$29,859.59