

# Invoice #

1992 PETE 379

VIN: 1XP5DB9XND321259

Engine: CAT 3406 B

License # 2LQ730

Odom: 1624904

Color: White

Mfg. Date:

Unit # 73

Inv Date: 5/01/2018

Service Writer:

Status: Posted

Driver:

PO #

Vehicle Problems	Requests for Service	Services Performed	Hrs	Qty	Price		Ext
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## Customer states: Replace head gasket and exhaust manifold gaskets

Labor Service - Steam clean engine and found oil leak in front of engine, head gasket leaking. Drain coolant and remove all hoses, turbo, fuel lines, covers, jakes, air compressor, jumpers, rocker push tubes and cylinder head. Clean all parts. Check liner protrusion, ok. Install head, push tubes and rockers. Set valves and install jumpers, jakes. Reseal all covers. Install remaining parts and run engine. Change oil, steam clean and test drive. Remove #2 fuel line to clean and reinstall. Install return spring to clutch for jake operation. 6

27.10

Part	MCBC15ESK	Stud Kit - Exhaust			1.00		
New	2P9845	Head bolt			1.00		
Part	4259564	Kit Gasket (headset)			1.00		
New	2N2766	Lock nut 3/8			4.00		
Part	2N2765	Bolt			4.00		
Part	33579	Thermostat			1.00		
Sublet	FREIGHT	Freight for kit			1.00		
Part	08880MMM	Brake Clean			3.00		
New	561.20024	Hose Clamp			2.00		
Part	70-150	1-1/2" Stick Hose Per Inch			4.00		
Part	81063	7/16 X 1 1/2 Bolt			1.00		
Part	56704-HD	7/16" Flat Washer			2.00		
Part	56728	7/16" Lockwasher			1.00		
New	177.10148	discharge hose			1.00		
Sublet	MISC	Milling the exhaust manifold			1.00		
New	7C0047	Head stud			1.00		
Part	56727	3/8" Lockwasher			6.00		
Part	56702-HD	5/16" Flat Washer			8.00		
New	561.20016	HOSE CLAMP 13/16-1 1/2			2.00		
Part	65035	1" Hm Heater Hose, per inch			40.00		
Part	56726	5/16" Lockwasher			2.00		
Part	81021	5/16 X 3/4 Bolt			2.00		
Part	81042	3/8 X 1 Bolt			3.00		
Part	15W40	ENGINE OIL, GAL			10.00		
Part	B99	Full-Flow Lube Spin-On			1.00		
Part	BF1212	Fuel/Water Separator Spin-On With Drain			1.00		
Part	BF7587	High Efficiency Fuel Spin-On			1.00		

## Customer states: Replace air compressor

Labor Service - Remove and replace air compressor. Replace governor and both discharge lines. Repair air leak at left rear air bag. 6

3.40

Part	103274X	Bw 501 Comp Exch			1.00		
Core	103274X	Core Received			1.00		
Part	BW5137	Coolant Spin-On With Bte Formula			1.00		
Part	275491	D2 Governor			1.00		
Part	21310N-610	Reusable Fitting			2.00		
Part	H21310-250R	Strato-Flex Hose Per inch			96.00		
Part	577.28175N	24" Stay Ties (tw24)			10.00		

Labor Service - HAZARD FEE SHOP 0.10

Labor Service - Had an air leak. Found a air line loose and leaking air on the left rear air bag. Tightened line. 6 0.60

**Invoice #****1992 PETE 379**

License # 2LQ730

Inv Date: 5/01/2018

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**Invoice Summary**

Parts

Labor

Sublet

Supply Charge

Sub Total

Sales Tax (OK)

**Total****5,460.94**☒ Customer acknowledges receipt of merchandise and services.

Discard old parts

Original Estimate: 5,316.26

# Invoice #

1992 PETE 379

VIN: 1XP5DB9XND321259

Engine: CAT 3406 B

Trans:

License # -----

Odom: 1624871

Color: White

Mfg. Date:

Unit # 73

Inv Date: 4/12/2018

Service Writer:

Status: Posted

Driver:

PO #

Vehicle Problems	Requests for Service	Services Performed	Hrs	Qty	Price	Disc.	Ext
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Customer states: The Air Conditioning System needs to be inspected for proper operation.

Labor Service - Found compressor leaking. Remove and replace compressor, expansion valve, dryer. Pressure system to check for leaks. Evac and charge. Ran to verify proper operation. Found blower motor not working. Remove dash panel to access and replace blower motor and wheel. Remove covers and clean heater core and evaporator. Wash out condenser. Ran to verify proper operation, cold air.

6					8.70		
Part	LE1620	Comp.		1.00			
New	520-1005	Block type expansion valve.		1.00			
Part	JA11350	Dryer - Reciever O Ring		1.00			
Part	AP4011	Adapter - Air Conditioner		1.00			
Part	AP4007	Adapter - R134		1.00			
Part	BP110-4-2	Brass Adapter		1.00			
Part	177.9036	1/8 Mp Hex Head Plug Bp121-2		1.00			
Part	01-1401	Blower Motor (3044)		1.00			
Part	RF35130821	Blower Wheel		1.00			
New	R134	FREON, R134a oz.		42.00			
New	P100UV	PAG 100 WITH DYE, by ounce		6.00			
Labor Service - HAZARD FEE SHOP				0.10			

Customer requests: a DOT Inspection be performed. \*\*\*CALL WITH ESTIMATE BEFORE DOING REPAIRS \*\*\*

Labor Service - DOT INSPECTION 6			1.00				
Part	1005	Emergency Triangle Kit		1.00			
Labor Service - Load tested batteries, 3 failed, replaced 3 batteries. 10			1.00				
Part	31-VHD	Battery		3.00			
Part	49558	Anti-Seize		1.00			
Labor Service - Replace DOT tape 10			0.50				
Part	571.CT0301	2" Dot Tape Per Foot		14.00			

Customer states: The front drive axle Brakes need replaced.

Labor Service - Remove and replace brakes on front drive axle. 10			2.00				
Part	AN1308TDE-648-KIT	15x4 Eaton Shoe Kit		2.00			

Customer states: On the rear driver replace the left side brake shoes.

Labor Service - Removed and replaced left rear driver brake shoes. 10			1.00				
Part	AN1308TDE-648-KIT	15x4 Eaton Shoe Kit		1.00			

found: Both u-joints are loose on the thru-shaft drive line. Yoke loose on the rear driver.

Labor Service - Removed drive line to tighten thru-shaft yoke and replace both u-joints. 2.00							
Reinstall drive line. 10							
Part	5-280X	U-Joint*1710		2.00			
Part	6.5-70-18X	Cap & Bolt Kit 1710		1.00			

found: The yoke is loose on the front of the front driver.

Labor Service - Removed drive line to tighten the front driver yoke. Tightened that yoke and found the carrier bearing yoke loose. Removed the yoke and splines were gone on stub. Removed rest of drive line and had the stub shaft replaced. Install drive line with two new u-joints and a new carrier bearing. 10			3.90				
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Inv Date: 4/12/2018

Sublet	WELDING	Drive line repair	1.00
Part	6.5-53-171	Midship Stub	1.00
Part	750.210661-1X	Center Bearing	1.00
Part	1227Z936	drive line Nut	1.00
Part	5-676X	U-Joint*1810 H/R	2.00
Part	56703-HD	3/8" Flat Washer	6.00
New	AMSOIL-EA	Synthetic Grease Service	1.00
Part	81002	1/4 X 1 Bolt	1.00
Part	56601	1/4 Nut	1.00
Part	56701-HD	1/4" Flat Washer	5.00

**found: The engine fan not working and fan is cracked.**

Labor Service - Found the fan blades are cracked and fan hub not working. Remove the fan, belts and the fan hub assembly. On the bench, disassemble the fan hub to install a rebuild kit. Reinstall hub on engine, replace the belts and install a new engine fan. Replaced a hose clamp on a heater hose and a clamp on air intake boot. 10 4.00

Part	905200-806	Fan	1.00
Part	9500HP	Fan Clutch Kit W/Fp & Hub Assey	1.00
Part	17591	Gatorback V-Belts	2.00
New	TR22534	belt	2.00
Part	TB475	4-3/4" T-Bolt	1.00
Part	561.20006	Hose Clamp #6	2.00

**found: Low Air Buzzer or light don't come on.**

Labor Service - Remove the dash panel to access. Found the low air switch is bad. 0.80  
Replace the switch, build air to verify proper operation. Reinstall the dash panel. 6, 10  
Part 27492108 Switch Brk - N.C. 1.00

**found: Replace the steer axle brakes.**

Labor Service - Remove the steer axle wheels and drum to inspect and service the brakes. Remove the brake shoes and hardware. Inspect the s-cam and cam bushings. Clean the spindle and brake mounts. Install new brake shoes and replace the hardware as needed. Reinstall the wheels. Lubed the slack adjuster and s-cam. Adjust the brakes and verify proper operation. 10 2.00  
Part 4311JD-20K-KIT Shoe Kit W/Hardware Kit 2.00

**found: Cracked brake shoe on the right side of the second tag axle**

Labor Service - Remove and replace brake shoes on right side of second tag axle. 1.00  
Adjust brake 10  
Part 4311JD-20K-KIT Shoe Kit W/Hardware Kit 1.00

**found: Oil leak on engine**

Labor Service - Steamed cleaned engine and ran to find leak. Looks like the front cover or possible head 6 0.80

**found: Repair ALL lights to work.**

Labor Service - Found blown fuse for marker lights. Replaced fuse then repaired wiring for tail lights. Remove and replace marker light. 10 1.40  
New 2673A Led ss lamp 1.00  
Part 81063 7/16 X 1 1/2 Bolt 6.00  
Part 56704-HD 7/16" Flat Washer 12.00  
Part 36783N 7/16 Locknut 6.00

**Customer states: Repair leaking wheel seal on the left side of front tag axle.**

Labor Service - Remove and replace wheel seal on left side of front tag axle. Cleaned and inspected wheel bearings. Adjust brake. 10 2.00  
Part 308-0836 Guardian Hp Seal 1.00

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Inv Date: 4/12/2018

New	HUB OIL	HUB OIL	1.00
Labor Service - Found three brake hoses that needed replaced. One on the right steer brake chamber and two on the front driver brake chamber. 10			1.10
Part	H21306-250R	Strato-Flex Hose Per Inch	24.00
Part	H21308-250R	Strato-Flex Hose Per inch	24.00
Part	21308N-608	Reusable Fitting	2.00
Part	21306N-406	Sae Female Swivel 2 Piece Fitting	2.00
Labor Service - Dismount one tire and mount it on a new wheel. RK			1.00
New		Used 24.5 alum wheel	1.00 1

Customer requests: HM check over: washer inop on the left side; no triangles; brake light in dash comes on when brakes applied; exhaust manifold leak; change fuel filters; drain the water separator; change the air filters; oil leak at head?

Labor Service - Check for low air light coming on when brake pedal is applied. Found low air switch in wrong hole, installed switch in correct position. Check air operation. 6			1.20
Labor Service - Replace windshield washer spray nozzle and retune left wiper arm. 6			0.50
New	BO	spray nozzle	1.00
Labor Service - Remove and replace fuel filter. Re-route fuel line to by-pass the water separator. 6			1.00
Labor Service - Replace air filter 6			0.50
Part	PA2608	Air Element	1.00

## Invoice Summary

Parts  
Labor  
Sublet  
Supply Charge

Sub Total  
Sales Tax

**Total 8,147.14**

Discard old parts

Original Estimate: 7,031.28