

# Invoice

Balance Due

*Garbage Truck*

Invoice Date : 17 Dec 2020

Terms :

Due Date : 16 Jan 2021

P.O.# : 10180

Delivery / Pick-Up : Pick-Up

Subject :

Item & Description	Qty	Rate	Amount
11-6-20 THE PACK PADDLE IS NOT MOVING CORRECTLY. INSPECT AND FOUND NEEDS NEW PACK PADDEL ASSEMBLY WITH COMPLETE ASSEMBLY TO ATTACH TO PACK CYLINDERS. ORDERED ALL PARTS AND SET OUTSIDE.	1.00	0.00	0.00
12-4-20 GOT BACK IN SHOP AND STARTED TO REPLACE PARTS. INSTALLED NEW BEARINGS AND BUSHINGS AND ASSEMBLED LOWER CARRIER ASSEMBLY. ASSEMBLED SEAL AND PREPPED ALL PARTS FOR ASSEMBLY. INSTALLED NEW PADDEL AND UPPER SPHERICAL BEARING. SET AND WELDED THE LOWER BEARING CARRIER IN PLACE AND FINISH ASSEMBLY. WELDED STUDS AND INSTALLED THE PROXIMITY SWITCH ACTUATORS AND ADJUSTED THE STROKE. HAD TO WELD UP AND MACHINE THE BUSHING WELDMENT FOR THE LEFT SIDE PACK CYLINDER, THE HHOLE WAS ALL EGGED OUT. GREASED ALL PIVOTS AND TEST RAN. THE RIGHT REAR OUTSIDE TIRE WAS FLAT SO WE GOT IT REPAIRED AT BENS BARGIN BARN. TOPPED OFF THE HYDRAULIC OIL.			
Shop Labor-SD			
Shop Supplies	1.00 Each		
003-4432 BEARING	1.00		
003-4438 BEARING	1.00		
026-2919-056 SNAP RING	1.00		
040-2664 COLLAR	1.00		

Item & Description	Qty	Rate	Amount
055-1391-008 WASHER	6.00		
126-4562 KEEPER	1.00		
126-046 PADDLE	1.00		
272-8233 SEAL KIT	1.00		
003-4576-004 RACES	4.00		
005-4130 SINGLE LINK	2.00		
005-4131 DOUBLE LINK	2.00		
005-4132 LINK ASSEMBLY	2.00		
048-6231 ACTUATOR PIN	6.00		
048-6238 PACKER PIN	2.00		
272-8626 PLATE WELDMENT	1.00		
Freight/Shipping	1.00		
TIRE REPAIR	1.00		
HYDRAULIC OIL (QUARTS)	17.00		
Sub Total			
Total			\$9,075.00
Balance Due			

Terms & Conditions

3,000.00.

# Invoice

Date	Invoice #
4/10/2021	

Bill To

P.O. Number	Terms	Project

Quantity	Item Code	Description	Price Each	Amount
15.25	Shop Labor	2013 Peterbilt PB320; 117,052 miles; VIN 3BPZL50X2EF212898		
1	Scan Tool Hookup	Check Engine Light, Starts Hard, Replace Fuel Filters		
1	Oil Filter 3000	Diagnostic Computer Hookup		
1	Parts	Oil Filter		
1	Parts	Fuel Filter		
1	Parts	Fuel Filter		
7.5	15W40	Per Gallon		
9	Orange	Per Gallon		
3	229 Red Supreme	Per Tube		
1	Parts	Fuel Pump		
1	Parts	Prestone HD Radiator Flush		
1	Parts	NOX Sensor		
1	Freight	Freight		
1	Misc Shop Charge	Misc Shop Supplies		
garbage truck				
Thank you for choosi			<b>Total</b>	\$2,737.33

# Invoice

Date	Invoice #
7/26/2021	

Bill To

P.O. Number	Terms	Project
	Net 30	

Quantity	Item Code	Description	Price Each	Amount
5	Shop Labor	2013 Peterbilt PB320; 117,052 miles; VIN 3BPZL50X2EF212898		
1	Scan Tool Hookup	Check Engine Light, Starts Hard, Fuel Pump		
3	31S-1000	Diagnostic Computer Hookup		
1	Parts	Battery		
1	Freight	Fuel Pump		
		Parts Freight		
<i>Garbage TRUCK</i>				
Thank you for choosing business!			<b>Total</b>	\$3,954.52

**Toll Free  
Phone  
Fax:**

Customer

*New  
Motor  
Install*

Ship To:

REPRINT CUSTOMER  
INVOICE  
Work Order

Invoice Date: 06-03-15

Page 1 of 4

Year	Make / Model	VIN	License	Mileage	Unit / Stock	Authorization
14	PETE / 320	EF212898		33387		
Open Date / Time	Delivery Date	Delivery Mileage	Engine Hours	Reefer Hours	Standby Hours	P.O. Number
05-11-15 / 05:50AM	04-25-13					
Complete	Engine Model / Serial #	Transmission Model/Serial #	Key Tag	Service Writer		
05-22-15	ISL9 / 73488700	/			cm*sw	
Memo	Hours 1894					

1 ==truck was towed to shop==  
check/stop engine lights on [no oil pressure]

Tech a540604

DSID DSBHH0698

Control # 3319394

Customer complains of no oil pressure, noise in engine. Followed troubleshooting for FC 415 in EDS. Found that the engine had no oil pressure as checked at the oil cooler outlet either before the filter or after the filter. Drained engine oil and removed oil pan to inspect oil sump (ok). Removed PTO driveshaft from front of crank and removed damper. Removed front gear housing cover and found oil pump failed. The oil pump idler gear had fallen out of oil pump and was not turning the pump. Called rapidserve and they advised to check 2 and 6 rod and mains. Found #2 main crank journal scored. Also found #2 exhaust cam lobe damaged and block damaged where oil pump sits in block. Crank gear was also damaged so rapidserve advised to pull engine. Attached pictures of all damage to EDS case (DSBHH0698). Rapid serve requested inspect cylinder head for reuse. Cleaned and inspected cylinder head. Found head warped between #2 and #3 cylinder. Rapidserve advised to find options for long block or equivalent. Was able to find a short block in memphis and everything else we needed was in omaha. Rapid serve approved ordering of parts under this option. Ordered short block, cylinder head, head bolts and all necessary gaskets Rapidserve advised to inspect turbocharger, air compressor and fuel pump for reuse. According to reuse guidelines the turbocharger, air compressor and fuel pump are reusable Removed all parts from damaged engine except crankshaft. Put cylinder head back on engine and loosely tightened head bolts to keep head on for shipping (per rapid serve). Cleaned all parts and inspected per reuse guidelines. The only parts that didn't meet reuse guidelines was the cam gear and water pump. The cam gear had some teeth damaged and didn't look acceptable to reuse. The water pump had damaged blades on the impeller. Installed all parts

CUSTOMER: X \_\_\_\_\_

DATE \_\_\_\_\_  
DATE \_\_\_\_\_