

# Invoice

Date	Invoice #
8/15/2018	

Bill To

Ship To

S.O. No.	P.O. No.	Terms	Due Date	Rep	Project/Job
			8/15/2018		09 1998 Peterbilt

QTY	Description	Unit Price	Amount
	Repairs to unit 09 1998 PB Vin - 1XP5DR9X8WD444404 Mileage - 1647431 1) Check for heavy blow-by 2) Check drive axles for leaks 3) Check fuel leak at tank 4)Check oil leaks 5)Check for low power (boost) 6) Has vibration from 40 to 65		
6.25	75W90 syn gear oil		
7.5	15W40 engine oil		
9.5	50/50 coolant		
5.75	R134A freon		
1	019772X oil cooler		
2	6405002 fuel cap		
1	ETN/127592 seal		
4	FLF/FRE1020-0001 boot		
1	07-04362-056 radiator		
1	127437 axle shaft		
1	127438 axle shaft		
1	370001A Oil seal		

Thank you for the opportunity to be of service.

**Subtotal**

**Sales Tax**

**Payments/Credits**

Authorizing Signature: \_\_\_\_\_ Date \_\_\_\_\_

**Balance Due**

# Invoice

Date	Invoice #
8/15/2018	

Bill To

Ship To

S.O. No.		P.O. No.	Terms	Due Date	Rep	Project/Job
			Due on receipt	8/15/2018		09 1998 Peterbilt
QTY	Description			Unit Price	Amount	
1	Repair for drive line					
56	N32-30-72 tubing					
1	5-677X 1760 1/2 rd ujoint					
1	N6-40-541 Stud					
1	6-68-74 plastic plug					
1	N6.3-86-18 dust cap					
1	017-N6-4-9001-1X end yoke					
1	112-127588 nut- M39x1.5					
1	243-AS1136 slack adj					
4	PL1018-HT motor mounts spacer					
2	PL1111 bushing					
4	WA170 washer/ snubber					
2	OTR1501B Steer drum					
1	4305294 gasket					
1	4988280 Gasket					
1	13MK5709 PTO gasket					
1	13MK5708 PTO gasket					
1	TLC500A clamp					
4	MH2141 bushing					
1	813484 s-cam					

Thank you for the opportunity to be of service.

Authorizing Signature: \_\_\_\_\_ Date \_\_\_\_\_

**Subtotal**  
**Sales Tax ( )**  
**Payments/Credits**  
**Balance Due**

# Invoice

Date	Invoice #
8/15/2018	

Bill To

Ship To

S.O. No.	P.O. No.	Terms	Due Date	Rep	Project/Job
		Due on receipt	8/15/2018		09 1998 Peterbilt

QTY	Description	Unit Price	Amount
1	05-20228 bracket		
	freight - ARKK # 9		
	Total Reimbursable Expenses		
	Markup		
	Freight		
1	DDE/R23526353J engine		
1	370001A Oil seal		
2	5406-16-12 fitting		
2	5406-12-8 3/4" MNPT x 1/2" FNPT Bushing		
1	3406 fuel filter		
2	DN/P534925 air prmyrs		
4	80-100 Silicone Hose		
2	6.5-70-18X Strap		
4	PL1126ATR bushing		
1	05-18764343 air pipe		
	Washed truck and pulled into shop. Check leaks and make list. 1) Check for heavy blow-by - Pull lower alum cross member. Drain oil. Pull pan. Found 1 crankshaft thrust washer in pan. Pull pickup tube and oil pump. Pull #6 main shows some copper streaking. Pull #5, 4, 3, 2 main caps. All bearing down to copper. Drain coolant. Pull top coolant pipe. Pull top radiator support brackets. Pull air filter ducting. Pull exhaust and turbo. Unhook fuel lines. Pull		

Thank you for the opportunity to be of service.

**Subtotal**

**Sales Tax**

**Payments/Credits**

**Balance Due**

Authorizing Signature: \_\_\_\_\_ Date \_\_\_\_\_

# Invoice

Date	Invoice #
8/15/2018	

Bill To

Ship To

S.O. No.	P.O. No.	Terms	Due Date	Rep	Project/Job
			8/15/2018		09 1998 Peterbilt
QTY	Description			Unit Price	Amount
	<p>A/A pipes, thermostat housing and bypass pipe, jack brakes, valve cover, injector wiring harness, rocker arm assemblies (2), cam bolt, 8 thrust washer bolts, cam shaft caps, camshaft and head bolts. Unhook Y pipe from exhaust stack to gain access to rear of transmission. Pull hydraulic pump from transmission PTO. Pull shift tower and linkage. Drain transmission fluid. Pull PTO. Pull shifter air lines. Pull transmission, clutch and flywheel. Unhook wiring harness from engine. Pull heater hoses. Pull alternator and bracket. Recovery freon 5.75 lbs. Unhook starter cables. Pull air compressor governor. Pull power steering pump. Remove bottom radiator hose and pipe. Remove 1 condenser hose. Pull radiator out of chassis. Remove front motor mount bolts. Remove engine from chassis. Set engine on blocks. Remove transmission oil cooler. Remove 2 fittings. Install 2 fittings in new transmission oil cooler. Install new transmission oil cooler into chassis. Pull starter from old engine. Pull fan hub assembly. Remove 6 engine mounts from chassis. Reassemble cam, rocker arms, jake brakes. Remove heater hose fittings from block. Get old engine assembled for core.</p> <p>Check air to air cooler. Found leakage at top right outside of cooler. Loosing 4 lbs. in 30 seconds.</p> <p>Swap over engine parts. Get unit inside shop. Clean flywheel. Transfer pilot bearing. Install clutch assembly. Install transmission. Install fan hub assembly, A/C compressor and belts. Adjust tension. Install fan. Put away tools and equipment. Finalize paperwork. Change over parts, fittings from old engine to new engine - heater hose connections, etc. Repair right front lower shock mount. Swap over fittings. Install O/D parts to new engine. Alternator, fill pipe, starter, engine mounts. Install transmission to engine. Install new isolation rubbers in frame. Take engine off shipping skid. Install engine and transmission in truck. Tighten up engine mounts. Install PTO. Install hydraulic pump. Hook up return fuel line and cab heat lines, manual temperature gauges, fuel pressure line, boost</p>				

Thank you for the opportunity to be of service.

Authorizing Signature: \_\_\_\_\_ Date \_\_\_\_\_

<b>Subtotal</b>
<b>Sales Tax</b>
<b>Payments/Credits</b>
<b>Balance Due</b>

# Invoice

Date	Invoice #
8/15/2018	

Bill To

Ship To

S.O. No.	P.O. No.	Terms	Due Date	Rep	Project/Job
			8/15/2018		09 1998 Peterbilt
QTY	Description			Unit Price	Amount
	line, transmission oil cooler lines, shift tower, output speed sensor. Install radiator. Tighten down 2 radiator mounts. Put oil pan on core engine and mount to skid for shipping. Help mount radiator assembly. Start running wiring harness and install P/S pump. Had to modify radiator support bracket on D/S in order to mount power steering pump reservoir. Remove bracket and cut a notch to go around front cover corner bracket. Install bracket to make sure it fits properly. Remove assembly again to modify front cover corner bracket. Install again to check fit. P/S needs modified to fit over corner bracket on other side. Remove and order mounting hardware. Hook up splitter air lines. Hook up clutch linkage. Adjust linkage to hit clutch brake. Install rear transmission brake. Hook up reverse light wires. Refurbish electrical wires to starter and other electrical components. Change 2 engine oil filters. Install A/C hoses. Put in 30 quarts 15-40w oil. Install radiator support bracket at top of engine. Change primary fuel filter. Clean out inside of air filter housings. Install 2 air filter elements. Cut new hoses for top radiator hose. Install top radiator pipe. Install bottom radiator hose and pipe assy. Filled cooling system. Used 1' x 3" silicone hose, 6" x 2.5" silicone hose, and 9.5 gallons 50/50 antifreeze. Pressured up A/C system with nitrogen. Found no leaks. Pulled vacuum on system. Filled A/C system 5.75 lbs. freon R134.				
	. Tie up lines, wires, hoses, etc. Install air filter piping. Work on exhaust system. Rework exhaust pipe. 90 ° coming out of turbo. Install 1 A/A pipe. Hook up exhaust system. Hook up top radiator brakes. Install 1 air to air pipe. Run and check for leaks. Test drive - 8 miles. Test drive unit to Inola and back.2) Check drive axles for leaks - Drain both differentials. Pull rear differential axles. Pull front tires, front brake drums, front brake shoes (left side material gone). Right side severe cracks. Left side drum worn bad. Right side drum worn bad. Found left side slack adjuster and S-Cam worn out. Remove both hub assemblies.				

Thank you for the opportunity to be of service.

Authorizing Signature: \_\_\_\_\_ Date \_\_\_\_\_

<b>Subtotal</b>
<b>Sales Tax</b>
<b>Payments/Credits</b>
<b>Balance Due</b>

# Invoice

Date	Invoice #
8/15/2018	

Bill To

Ship To

S.O. No.	P.O. No.	Terms	Due Date	Rep	Project/Job
		Due on receipt	8/15/2018		09 1998 Peterbilt

QTY	Description	Unit Price	Amount
	<p>Remove wheel seals and bearings. Bearing and races looked good. Cleaned up hubs, bearings and nuts. Installed 2 new wheel seals. Cleaned up backing plates (extremely oily). Clean up hub oiler. Reassembled right front brake assembly with new shoes and springs. Installed right front hub assembly. Torqued bearings inner - 50 lbs ft; outer - 250 ft lbs. Installed hub oiler with new gasket. Filled with oil - synthetic 75-90 wt. Installed left and right side new axles in rear differential. Drain and refill both differentials 25 quarts 75-90 wt total. Repair rear differential temperature sensor wires.</p> <p>3) Check fuel leak at tank - Install 2 new fuel caps.</p> <p>4) Check oil leaks</p> <p>5) Check for low power (boost) - Found cac to be leaking as well as boots.</p> <p>6) Has vibration from 40 to 65 - Pull 3 sections of driveline. Two sections are bad. Pull yoke from rear of 1st differential. Install rear thru shaft seal in 1st differential. Install new yoke on rear side of thru shaft on first differential Install short section of drive line between differentials with new strap kits. Torque all bolts 135 ft lbs. Grease short drive line.</p> <p>7) Front brakes and wheel seals - . Pull front tires, front brake drums, front brake shoes (left side material gone). Right side severe cracks. Left side drum worn bad. Right side drum worn bad. Found left side slack adjuster and S-Cam worn out. Remove both hub assemblies. Remove wheel seals and bearings. Bearing and races looked good. Cleaned up hubs, bearings and nuts. Installed 2 new wheel seals. Cleaned up backing plates (extremely oily). Clean up hub oiler. Reassembled right front brake assembly with new shoes and springs. Installed right front hub assembly. Torqued bearings inner - 50 lbs ft; outer - 250 ft lbs. Installed hub oiler with new gasket. Filled with oil - synthetic 75-90 wt. ). Assemble S cam on left front, slack adjuster on left front, wheel hub assembly on left front. Torque brgs to spec. Install hub oiler. Fill hub oiler. Install front left</p>		

Thank you for the opportunity to be of service.

Authorizing Signature: \_\_\_\_\_ Date \_\_\_\_\_

**Subtotal**

**Sales Tax**

**Payments/Credits**

**Balance Due**

# Invoice

Date	Invoice #
8/15/2018	

Bill To
---------

Ship To

S.O. No.	P.O. No.	Terms	Due Date	Rep	Project/Job
		Due on receipt	8/15/2018		09 1998 Peterbilt
QTY	Description			Unit Price	Amount
	tire. Torque all nuts 500 ft lbs. Adjust front brakes.				

Thank you for the opportunity to be of service.

Subtotal

Sales Tax

Payments/Credits	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

Authorizing Signature: \_\_\_\_\_ Date \_\_\_\_\_

**Balance Due**

# Invoice

Date	Invoice #
8/15/2018	

Bill To	

Ship To

S.O. No.	P.O. No.	Terms	Due Date	Rep	Project/Job
		Due on receipt	8/15/2018	KWF	09 1998 Peterbilt

QTY	Description	Unit Price	Amount
1	Shop kit and consumables		

Thank you for the opportunity to be of service.

<b>Subtotal</b>	<b>\$37,546.59</b>
-----------------	--------------------

Sales Tax (9.583%)

Payments/Credits	
10/1/2018	10/1/2018
10/2/2018	10/2/2018
10/3/2018	10/3/2018
10/4/2018	10/4/2018
10/5/2018	10/5/2018
10/6/2018	10/6/2018
10/7/2018	10/7/2018
10/8/2018	10/8/2018
10/9/2018	10/9/2018
10/10/2018	10/10/2018
10/11/2018	10/11/2018
10/12/2018	10/12/2018
10/13/2018	10/13/2018
10/14/2018	10/14/2018
10/15/2018	10/15/2018
10/16/2018	10/16/2018
10/17/2018	10/17/2018
10/18/2018	10/18/2018
10/19/2018	10/19/2018
10/20/2018	10/20/2018
10/21/2018	10/21/2018
10/22/2018	10/22/2018
10/23/2018	10/23/2018
10/24/2018	10/24/2018
10/25/2018	10/25/2018
10/26/2018	10/26/2018
10/27/2018	10/27/2018
10/28/2018	10/28/2018
10/29/2018	10/29/2018
10/30/2018	10/30/2018
10/31/2018	10/31/2018
11/1/2018	11/1/2018
11/2/2018	11/2/2018
11/3/2018	11/3/2018
11/4/2018	11/4/2018
11/5/2018	11/5/2018
11/6/2018	11/6/2018
11/7/2018	11/7/2018
11/8/2018	11/8/2018
11/9/2018	11/9/2018
11/10/2018	11/10/2018
11/11/2018	11/11/2018
11/12/2018	11/12/2018
11/13/2018	11/13/2018
11/14/2018	11/14/2018
11/15/2018	11/15/2018
11/16/2018	11/16/2018
11/17/2018	11/17/2018
11/18/2018	11/18/2018
11/19/2018	11/19/2018
11/20/2018	11/20/2018
11/21/2018	11/21/2018
11/22/2018	11/22/2018
11/23/2018	11/23/2018
11/24/2018	11/24/2018
11/25/2018	11/25/2018
11/26/2018	11/26/2018
11/27/2018	11/27/2018
11/28/2018	11/28/2018
11/29/2018	11/29/2018
11/30/2018	11/30/2018
12/1/2018	12/1/2018
12/2/2018	12/2/2018
12/3/2018	12/3/2018
12/4/2018	12/4/2018
12/5/2018	12/5/2018
12/6/2018	12/6/2018
12/7/2018	12/7/2018
12/8/2018	12/8/2018
12/9/2018	12/9/2018
12/10/2018	12/10/2018
12/11/2018	12/11/2018
12/12/2018	12/12/2018
12/13/2018	12/13/2018
12/14/2018	12/14/2018
12/15/2018	12/15/2018
12/16/2018	12/16/2018
12/17/2018	12/17/2018
12/18/2018	12/18/2018
12/19/2018	12/19/2018
12/20/2018	12/20/2018
12/21/2018	12/21/2018
12/22/2018	12/22/2018
12/23/2018	12/23/2018
12/24/2018	12/24/2018
12/25/2018	12/25/2018
12/26/2018	12/26/2018
12/27/2018	12/27/2018
12/28/2018	12/28/2018
12/29/2018	12/29/2018
12/30/2018	12/30/2018
12/31/2018	12/31/2018
1/1/2019	1/1/2019
1/2/2019	1/2/2019
1/3/2019	1/3/2019
1/4/2019	1/4/2019
1/5/2019	1/5/2019
1/6/2019	1/6/2019
1/7/2019	1/7/2019
1/8/2019	1/8/2019
1/9/2019	1/9/2019
1/10/2019	1/10/2019
1/11/2019	1/11/2019
1/12/2019	1/12/2019
1/13/2019	1/13/2019
1/14/2019	1/14/2019
1/15/2019	1/15/20

<b>Balance Due</b>	<b>\$15,241.99</b>
--------------------	--------------------

Authorizing Signature: \_\_\_\_\_ Date \_\_\_\_\_