

1999 Pete



MINNESOTA
IOWA
MISSOURI
WISCONSIN

952-888-4121 800-352-2812
515-957-3800 800-342-7002
515-957-3800 800-342-7002
515-957-3800 800-342-7002

Page: 1

Date: 1/09/18

Invoice Information

Invoice Summary

Amount Due: \$34,780.24

To ensure proper credit, please detach this portion, at the perforation, and return with remittance.

Amount Due:

\$34,780.24

Invoice Number: [REDACTED]

Date: 1/09/18

Account No.: [REDACTED]

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Quantity	Item	NR	Description	Unit Price	Extended
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* * * PROFORMA INVOICE * * *

TROUBLESHOOT ENGINE
DIAG ENGINE FOR BLOW BY AND LEAKS AND POSSIBLE
INFRAME
CUSTOMER COMPLAINT:
DIAGNOSE FOR INFRAME.
REPAIR PROCESS COMMENTS:
STEAMED OFF, DOWNLOADED ECM. RAN FOR BUILDING
PRESSURE, IT BUILT RIGHT AWAY. 201 CFM BLOW BY
AT IDLE.

TOTAL LABOR SEG. 01

SEGMENT 01 TOTAL

RECONDITION IN FRAME ENGINE
PRECIOUS METAL PLAT KIT C
REPAIR PROCESS COMMENTS:
PULLED COMPONENTS TO GET HEAD OFF. CAM HAS
PITTING ON INTAKE LOBES. TURBO WASTE GATE IS
SEIZED. ATAAC HOLDS PSI. DRAINED OIL, PULLED
PAN, PACKS. CLEANED BLOCK, TAPPED HOLES.
CLEANED SPACER PLATE, OK. REPLACED WATER PUMP.
REPLACED MAIN BEARINGS. INSTALLED NEW PACKS.
CHECKED PROTRUSION, OK. STRIPPED OLD HEAD AND
ASSEMBLED NEW ONE. INSTALLED AND TORQUED. SET
BACK LASH .012. RESEALED AND ASSEMBLED TOP
COMPONENTS, NEW INJECTORS. SET .015 INTAKE, .030
EXHAUST, INJECTORS TO SPEC. .027 JAKES.
ASSEMBLED LEFT SIDE COMPONENTS. INSTALLED NEW
STAT. HOOKED UP RIGHT SIDE. NEW OIL PUMP.
CLEANED BOTTOM END PARTS AND HARDWARE. PUT UP
BOTTOM END. NEW OIL AND FUEL FILTERS. PRELUBED
10 GALLONS CAT 15W40 OIL. FLASHED TO LATEST
SOFTWARE. CHANGED TRIM CODES. CALABRATED
TIMMING. RAN ON DYNO TO BREAK IN, PAR 1.
COOLANT GOOD TO -28.

F/R PTS

1 8M-0505
1 10R-9350
1
1-
1 121-0145
10 124-1854
16 124-1855
3 165-6170

CONNECTOR S
KIT ENG OVER N
CORE CHARGE N
CORE CREDIT N
SEAL O RING S
BOLT 12PT S
BOLT 12PT S
PLUG S

F/R LBR

F/R MSC

SEGMENT 02 TOTAL

COUNTERBORE LINER SEAT/INSERT
* CLEAN TOP DECK OF BLOCK AND REMOVE BURRS
* INCLUDES PARTS AND LABOR TO CUT LINER
FLANGE AREA FOR LINER SEAT INSERTS
REPAIR PROCESS COMMENTS:
CUT COUNTER BOARS .029 FOR .030 INSERTS. RE
CLEANED BLOCK.
6 6I-4361

INSERT SEAT N

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* * * PROFORMA INVOICE * * *

F/R P/L

SEGMENT 03 TOTAL

CAMSHAFT

REPAIR PROCESS COMMENTS:

REPLACED CAM AND ROLLERS.

1	10R-3292	CAMSHAFT	N
1		CORE CHARGE	N
1-		CORE CREDIT	N
12	20R-3320	ARM A V ROCK	N
12		CORE CHARGE	N
12-		CORE CREDIT	N
6	20R-3322	ARM A UI ROC	N
6		CORE CHARGE	N
6-		CORE CREDIT	N

TOTAL PARTS

SEG. 04

SEGMENT 04 TOTAL

EXHAUST MANIFOLD

REPAIR PROCESS COMMENTS:

REPLACED ALL 3 MANIFOLD

2	132-6657	SECTIONS.	S
2	132-6658	SHIELD	N
2	133-3359	SHIELD	N
4	144-0367	MANIFOLD	N
1	146-9445	CLAMP	S
2	180-3399	MANIFOLD-EXH	N
		PACKING	N

TOTAL PARTS

SEG. 05

SEGMENT 05 TOTAL

REMOVE, CLEAN, INSTALL TIMING GEAR HOUSING
PLATE

RESEAL INNER FRONT COVER

REPAIR PROCESS COMMENTS:

REMOVED RADIATOR, FRONT COMPONENTS, OUTER COVER,
GEAR TRAIN, INNER COVER. CLEANED PARTS.RESEALED AND ASSEMBLED FRONT END. INSTALLED
RADIATOR.

5	2J-3118	BOLT	S
2	252-9685	GASKET	S
1	376-6577	KIT-GASKET(F	N
1	522-1641	SENSOR GP-SP	S

TOTAL PARTS

SEG. 06

TOTAL LABOR

SEG. 06

SEGMENT 06 TOTAL

REMOVE & INSTALL ENGINE OIL COOLER
REPLACE OIL COOLER

REPAIR PROCESS COMMENTS:

REMOVED OIL COOLER. CLEANED PARTS AND INSTALLED A
NEW ONE.

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1	OR-9056		*** PROFORMA INVOICE ***		
1			CORE AS OIL	N	
1-			CORE CHARGE	N	
1	109-0077		CORE CREDIT	N	
2	113-5304		SEAL O RING	S	
			SEAL	S	
			TOTAL PARTS	SEG. 07	
			TOTAL LABOR	SEG. 07	
			SEGMENT 07 TOTAL		

MISCELLANEOUS

MISCELLANEOUS

REPAIR PROCESS COMMENTS:

REPLACED COOLANT, HOSES, LINES. FUEL LINES. OIL LINES. REPLACED BLOCK PLUGS. NEW OIL PSI SENSOR. REPLACED BLOCK HEATER. REPLACED HEATER HOSE SHUT OF VALVE. 2 NEW HOSES. NEW BELTS. REPAIRED COOLANT TEMP SENSOR WIRING. NEW ZERO CHARGE COOLANT FITLER. REPLACED OIL TEMP SENSOR. RAN 1 WATER FLUSH AND ADDED LONGLIFE COOLANT.

2	2S-9506		VEE BELT	S	
1	6L-1883		GASKET	S	
1	6V-5266		SEAL O RING	S	
1	7N-3949		VEE BELT SET	S	
4	8T-4985		CLAMP	S	
1	9L-8925		BOLT	S	
1	9Y-4104		HOSE	S	
1	067-2551		CLIP	N	
1	101-6608		HOSE AS	S	
1	102-9089		COVER	S	
3	119-0036		SCREW	S	
18	149-7378		GROMMET	N	
1	155-2260		PLUG KIT-CON	S	
1	161-9930		SENSOR GP-	N	
1	179-2885		HOSE AS	N	
1	179-9981		HOSE AS	S	
2	238-8647		CAT ELC	S	
8	238-8648		COOLANT-ELC	S	
3	242-9537		SEAL	S	
1	256-8753		FILTER AS SE	S	
1	435-5142		FILTER-COOLA	S	
7	P171368F		3/4" SILICONE HOSES	S	
3	P171369F		1 IN SIL/HOSE FOOTS	S	
1	350-0033		HEATER 1500W 120V	S	
1	860-6013		12FT CORD	S	
6	LOOM		SPLIT/LOOM/FT	N	
1	140401		TEMP SENSOR	S	
1	54886		3/4HS-1/2MPT NIPL	S	
1	90525		1/2" T-HDL VALVE	S	
18	70-300		3" SILICONE HOSE	S	
3	80025		HOSE, 1/4 SILICONS	S	
2	80038		HOSE, 3/8 SILICONS	S	
1	9245402		HOOD CABLE	S	

TOTAL PARTS

SEG. 08

F/R LBR

FREIGHT

TOTAL MISC CHGS

SEG. 08

SEGMENT 08 TOTAL

1.00

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* * * PROFORMA INVOICE * * *

REPLACE TURBO
REPAIR PROCESS COMMENTS:
INSTALLED A NEW TURBO.

1 OR-7223

1-

TURBO GP N
CORE CHARGE N
CORE CREDIT N

TOTAL PARTS

SEG. 09

SEGMENT 09 TOTAL

INSPECT ENGINE
OPT WARRANTY 4Y/UNLIMITED
4 YEAR OPT
1.00

4YEAR OPT

TOTAL MISC CHGS SEG. 10

SEGMENT 10 TOTAL

EXT. WARRANTY COVERAGE

4 YR OIL COOLER ESC
1.00

4 YR OIL COOLER

TOTAL MISC CHGS SEG. 11

SEGMENT 11 TOTAL

REPAIR ENG OIL PAN
REPAIR PROCESS COMMENTS:
INSPECT OIL PAN. PAN RAIL GASKET SURFACE HAD BEEN
GROUND UNEVENLY. PAN RAIL WAS RESURFACED ROUGHLY
.060" IN ORDER TO ACHIEVE A CONSISTENT FLAT
SURFACE FOR THE GASKET TO SEAL AGAINST. DEBURRED
AND FINAL CLEANED OIL PAN.

CLH

TOTAL LABOR

SEG. 20

SEGMENT 20 TOTAL

APPLY DISCOUNTS ALLOWED
20% PARTS DISCOUNT PROMO
2.00-

NATMLP370@15%

TOTAL MISC CHGS SEG. 96

SEGMENT 96 TOTAL

SERVICE SUPPLIES AND
ENVIRONMENTAL CHARGES

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INVOICE TOTAL

34,780.24

Total Invoice: \$7,182.61

Customer P/O:

ccook

tfolkerts

Orig R/O: 0

Completion Date: 05/11/2022

Unit Number: 133

Model Year: 1999

Make/Model: Peterbilt

Type: Tandem Axle Truck

VIN: 1NPFLB0X0D463021

Meter: 791386 Miles

Task: 1 23-020000 Clutch - Clutch Assembly - Diagnose

Department: Truck

Complaint: Customer states that the clutch is slipping

Correction: -Went out and looked at truck

-Went underneath and inspected the clutch

-Clutch looked pretty clean no build up of any clutch material in the bell housing at all

-Went in cab and aired up the truck to confirm the complaint

-Put it in low first and it would not go anywhere

-Tried first and second and same thing but I was getting a slight grinding noise from the transmission

-Put the truck in high gear and now the truck would move when I let the clutch out

-It would also grind as well

-Brought in shop and began looking into the issue

-I inspected the transmission and found that the cooler line looked to be leaking pretty heavily

-The output yoke seal was also leaking too

-I suspect that it was low on oil

-Pulled the plug on the side there wasn't any abnormal amount of metal on it but I could not get any fluid on my finger when I stuck it in there

-Pulled the plug on the bottom of the transmission and out came parts of a bearing and hardly any fluid

-The fluid that did come out was all full of metal shavings and the plug was full of metal

-I'm guessing that the transmission ran out of oil and a bearing failed in the rear of the box

Advised

1019

Task: 2 26-120004 Transmission - Manual - Assembly - Replace

Department: Truck

Complaint: Replace transmission and clutch

Correction: -Pulled truck into shop removed drive shaft and pulled out tranny

-Switched over parts from old tranny to new tranny

-Installed new tranny

-Filled with oil

-Reinstalled drive shaft

-Test drove truck

-Checked out good

-Installed speed sensors and test drove again all working good

** See Last Page for Invoice Total **

Total Invoice: \$7,182.61

Customer P/O:

cook

tfolkerts

Orig R/O: 0

Completion Date: 5/11/2022

Total Invoice: **\$7,182.61**

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Signature _____ Date _____