



Work Order Invoice

L102659

Date: 06-21-23

Visit us at our website: www.brandt.ca

Remit to: Brandt Tractor Ltd. - 10121 Barlow Trail NE - Calgary, AB T3J 3C6

Billing Inquiries: Please email us at transportar@cervusequipment.com

503-310

Sold To:

Ship To:

K2461

CUSTOMER INVOICE

Year	Make / Model	VIN	License	Mileage	Unit/Stock
2007	Peterbilt / 379	1XP5DB9X77D662469		1699106	
Delivery Mileage	Delivery Date	Engine Hours	Engine Model / Serial #	Transmission Model/Serial #	
	10-16-06		C15 / SMXS89206	RTLO18918B / S0574163	

Memo	P.O. Number	Open Date / Time	Complete	Service Writer
	UNIT 318 ENG	05-09-23 / 07:38AM	05-09-23	dia*DHI

Tax ID Date: Tax ID:

- ENG
- 1 INSTALL PLATINUM KIT-SEE RONI- NEED ECM REPORT AND CONFIRMATION
- # _____
- CAUSE:
- #6 cylinder was scored bad
- CORRECTION:
- Drained coolant
- pulled air intake pipping off
- top turbo
- air to air pipes
- valve covers
- pre cooler
- rockers and shaft
- spacer plate
- injectors
- wire harness
- fuel lines
- coolant hoses
- head bolts
- head, lifted head off
- cam gear
- loosened fan hub
- peanut cover
- cleaned block, measured liner height
- it was low
- pulled oil pan, pick up tubes, oil pump stiffener plate
- cooling nozzles, pistons and liners
- cleaned block -cut block to bring all holes in spec .006-install
- liners and pistons
- rolled main bearing
- torqued main caps to spec

SERVING SASKATCHEWAN		SERVING ONTARIO				
Collision Centre (306)-664-3368	Estevan (888)-345-8070	Ayr (866)-539-7383	Barrie (888)-221-2191	Belleville (343)-453-0348	Cardinal (877)-657-1300	Hagersville (800)-544-9874
Lloydminster (800)-667-6323		London (800)-561-7383	Mississauga (877)-268-0020	North Bay (800)-734-9876	Ottawa (888)-220-2642	Stoney Creek (844)-643-1214
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installed cooling nozzles
 stiffener plate
 had to swap oil pump gear over to new pump
 installed new oil pump, torqued bolts to spec
 installed pick up tubes
 install oil pan with the new gasket, siliconed seams
 transfer fittings from oil head to new head, installed new joint seals on manifold
 installed new cam, old cam was pitted passed reuse guide lines
 installed head gasket, head torqued to spec with new head bolts
 installed new injectors and new rockers, torqued down installed Jake heads torqued installed cam gear, torqued, peanut cover with new gasket adjusted valve lash, hooked up injector harness
 installed valve covers
 confirmation # 5687960
 Installed new oil, and fuel filters
 filled with new engine oil
 put new coolant in
 washed engine
 painted engine
 down loaded ECM image
 put new coolant hoses on lower rad pipe
 new exhaust joint kit
 flashed the ECM with the latest software

TOTAL LABOR	9,075.00
TOTAL PACCAR	861.67
TOTAL CATERPILLAR	44,390.47
TOTAL OTHER PARTS	219.94
TOTAL CORES	11,950.70
TOTAL GAS/OIL	285.90
TOTAL FREIGHT	40.24
TOTAL ENVIRONMENT CHG	19.38
TOTAL DIRTY CORES	-11,945.39
TOTAL COUPON	-14.00

Qty	Part Number	Description	Unit	Extended
14	EC7501	COOLANT-TRP ELC 50/50 JUG	12.47	174.58
1	105FBC	GREASE-MOTOR ASSY 10 OZ L	14.99	14.99
1	4988280CUM	GASKET, HYDRAULIC PUMP	5.78	5.78
5	D1030-2728	HOSE-RADIATOR #48 J20R1-A	45.70	228.50
2	D1030-2650	HOSE-RADIATOR #40 1 PICK=	42.91	85.82

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P.O. Number UNIT 318 ENG	Open Date / Time 05-09-23 / 07:38AM	Complete 05-09-23	Service Writer dia*DHI
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	Tax ID:	Tax ID:		
2 B9226-0275TRP	CLAMP-T BOLT SPRING 2 3/4	8.22	16.44	
6 801-6-GRA	3/8HOSE GREY	3.96	23.76	
4 9212TRP	CLAMP-HOSE W/LINER #12	2.77	11.08	
1 F16-6009031B413SB0	CLAMP-HOSE T BOLT	19.22	19.22	
1 HWU10106	NUT-INSERT THRD RIVNUT 1/	1.68	1.68	
20 CT05512	TIE-CABLE 120LB, 15.25" B	0.87	17.40	
20 CT04311	TIE-CABLE 50LB 11.75" BLK	0.39	7.80	
2 P534816	FILTER-AIR 13"	116.90	233.80	
3 HE2707	HOSE-PUSH ON #8X50' XT PO	6.94	20.82	
1 20R7411	KIT-ENG OVER	29,000.69	29,000.69	
1 6I4421	PLATE SPACER	1,059.54	1,059.54	
6 9Y3368	INSERT LR	168.64	1,011.84	
1 1304698	SLEEVE	81.70	81.70	
2 3798578	SHIELD AS	157.20	314.40	
3 1083612	SPACER	45.14	135.42	
1 1064159	SPACER	20.70	20.70	
1 1317123	BEARING	80.50	80.50	
1 10R2112	CORE AS OIL	2,228.50	2,228.50	
3 1090077	SEAL O RING	24.40	73.20	
2 0617540	SEAL O RING	21.19	42.38	
2 8C5230	SEAL O RING	32.91	65.82	
1 2470055	HOSE	115.64	115.64	
1 2470266	HOSE	104.00	104.00	
1 10643-4-4	FJIC-4-4 SWIVEL CRIMP FITTIN	8.01	8.01	
2 10643-10-8	FITTING	12.50	25.00	
12 451TC-6-50FT	451TC-6 SOLD BY THE INCH	0.77	9.24	
12 451TC-8-50FT	451TC-8 SOLD BY THE INCH	1.35	16.20	
2 2466036	HOSE	43.28	86.56	
1 20R9064	KIT CAMSHAFT	9,739.37	9,739.37	
1 5H1504	WASHER	3.95	3.95	
1 1979631	GROMMET	34.40	34.40	
1 1317123	BEARING	80.50	80.50	
1 2568753	FILTER AS SE	52.91	52.91	
2 5900195CAT	CAT YELLOW PAINT	42.33	84.66	
1 13943-4-4	FJICCRIMP	14.64	14.64	
1 10643-8-8	-8-8 FJIC CRIMP FITTING	9.99	9.99	
1 13943-8-8	FITTING	19.01	19.01	
12 302-10	SOLD BY THE INCH 302#10 HOSE	1.50	18.00	
3 801-4-GRA	1/4 GRAY HOSE	3.31	9.93	
2 5900195	CAT YELLOW SPRAY PAINT	22.71	45.42	
1 CDAL1677	GLOSS BLACK PAINT	18.29	18.29	
1 20R7411#	CORE	9,205.81	9,205.81	

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1 10R2112#	CORE	493.61	493.61
1 20R9064#	CORE	2,251.28	2,251.28
2 550045128	ROTELLA T TRIPLE 15W40 PAIL	118.64	237.28
2 550045135	ROTELLA T TRIPLE 15W40 5L	24.31	48.62
4 CRIMP	CRIMP	10.06	40.24
2 550045128&	ENV CHG	2.84	5.68
2 550045135&	ENV CHG	0.75	1.50
14 EC7501&	ENV CHG	0.80	11.20
1 2568753&	ENV CHG	1.00	1.00
-1 10R2112*	CORE	488.30	-488.30
-1 20R7411*	CORE	9,205.81	-9,205.81
-1 20R9064*	CORE	2,251.28	-2,251.28
-14 COUPON	Y234360	1.00	-14.00

2 CUSTOMER PURCHASE 3YR/UNLIMITED MILEAGE OPT \$2680.00 USD X
1.3482=\$3613.18 CAD

TOTAL OPT FEES CUST 3,613.00

Qty	Part Number	Description	Unit	Extended
1	OPT FEES CUST	fees	3,613.00	3,613.00

ELEC
3 C/C WIRING HARNESS ON LHS OF ENGINE RUBBED THROUGH
CAUSE:
2 wires were rubbed through on engine harness
CORRECTION:
See some wires rubbed bare on the engine harness for the valve cover
harness
Repaired wires

TOTAL LABOR 330.00
TOTAL PACCAR 12.64

Qty	Part Number	Description	Unit	Extended
4	HT21140	CONNECTOR-BUTT HTSHRKBL 1	1.75	7.00
6	CT04311	TIE-CABLE 50LB 11.75/" BLK	0.18	1.08
2	HT92500	TUBING-HEAT SHRNK BLK 1/4	2.28	4.56

ENG
4 RESEAL FRONT STRUCTURE
CAUSE:

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Front crank seal and front structure is leaking
CORRECTION:
 pulled rad
 fan blade
 fan hub
 belts
 A/C, and alt mounting bracket
 dampener and pulley
 front gear cover
 all gears
 front structure plate
 cleaned all parts
 put all back together with new gaskets, and o-rings
 timed gears when i put them back on and torqued to spec
 installed new front crank seal
 put pulleys and dampener on
 A/C and alt mount on
 belts
 fan hub
 fan blade
 rad

TOTAL LABOR	2,640.00
TOTAL CATERPILLAR	1,496.59
TOTAL FREIGHT	25.00

Qty	Part Number	Description	Unit	Extended
1	1075769	SEAL O RING	14.31	14.31
1	3483681	KIT-GASKET(F	1,482.28	1,482.28
1	FREIGHT		25.00	25.00

5 BRAKE
 C/C BRAKE PEDAL STICKS AND SLOW TO APPLY
CAUSE:
 Pin seized on brake peddle
CORRECTION:
 Hammered out roll pin
 worked on seized pin
 finally had to pull out air hammer to final get the pin to move
 cleaned rust off parts
 reassembled and used anti seize on everything

TOTAL LABOR	330.00
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SSI
 6 MSC-SSPU - SASKATCHEWAN SAFETY INSPECTION ** DUE AGAIN IN ____
 MONTHS, DAY/MON/YR (____)(____)(____) CERTIFIED TECHNICIAN NUMBER
 ____ SASK SAFETY STICKER # ____
 performed safety inspection, as per sask standards
 TOTAL LABOR 330.00
 SASK SAFETY DECAL 20.00

BRAKE
 7 LHS STEER BRAKE LINE BROKE
 CAUSE:
 old brittle weathered hose
 CORRECTION:
 applied brakes, had air leak
 it was the air line for the LHS #1 axle brake pot
 Got new air line made
 installed, tested all good
 TOTAL LABOR 165.00
 TOTAL CATERPILLAR 45.90
 TOTAL OTHER PARTS 29.00
 TOTAL FREIGHT 20.12

Qty	Part Number	Description	Unit	Extended
34	451TC-8-50FT	451TC-8 SOLD BY THE INCH	1.35	45.90
1	10643-8-8	-8-8 FJIC CRIMP FITTING	9.99	9.99
1	13943-8-8	FITTING	19.01	19.01
2	CRIMP	CRIMP	10.06	20.12

8 PLATINUM KIT REBATE PROGRAM FOR \$500 USD CREDIT
 NAT-ENG-3276
 TOTAL COUPON -658.39

Qty	Part Number	Description	Unit	Extended
-1	COUPON	CAT	658.39	-658.39

COUPON REF NAT-ENG-3276

CARBON TAX SURCHARGE 129.69

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