

Unit 1204



Work Order Invoice

STS122914

Date: 01-30-25

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 transporter@brandt.ca

Sold To:

Ship To:

K6136

CUSTOMER INVOICE

Year	Make / Model	VIN	License	Mileage	Unit/Stock
2019	Peterbilt / 579	1XPBDP9X4KD490068		880670K	1204
Delivery Mileage	Delivery Date	Engine Hours	Engine Model / Serial #	Transmission Model/Serial #	
	05-10-18	16618.0	MX-13 / Y162764	RTL0189188 RTLO189188 / P1160573	
P.O. Number			Open Date / Time	Complete	Service Writer
0827799			11-20-24 / 07:37AM	11-20-24	KLS*AJ5

Tax ID Date: 02-28-21 Tax ID:

Peterbilt Inspection

1 Peterbilt Platinum Courtesy Inspection

CAUSE:

COMPLIMENTARY CUSTOMER INSPECTION

CORRECTION:

PERFORM INSPECTION, NOTE ANY REPAIRS-NO DRL'S-BELT SQUEAL

2 C&A/R ENGINE NOISE

CAUSE:

WRIST PIN/BUSHING FAILURE

CORRECTION:

START UNIT AND WARM UP. ENGINE KNOCKING. READ CODES. TSHOOT P1302, CYLINDER MISFIRE. CHECK FOR RELATED DTCS, NONE. DID CYLINDER PERFORMANCE TEST, CYLINDER 2 FAILED INJECTOR. REMOVE VALVE COVER, R&R INJECTOR. PROGRAM USING DAVIE. PERFORM TOPSET TO CHECK VALVE CLEARANCE, ALL GOOD. REINSTALL VALVE COVER AND TIGHTEN FUEL LINE. RAN UNIT, NO CHANGE. LET RUN OUTSIDE AND NOISE SEEMED TO GET WORSE AS UNIT WARMED UP. BROUGHT BACK IN AND PULL OIL FILTER TO INSPECT. FIND DEBRIS. DRAIN OIL, PULL DOWN PAN AND FIND MORE DEBRIS IN BOTTOM OF PAN. REMOVE OIL PUMP, PICK UP TUBES AND STIFFENER PLATE. PULL DOWN 3,4,5 MAIND AND INSPECT, ALL LOOKED GOOD. INSPECT BOTTOM END. FIND WRIST PIN BUSHIG PILED UP ON #2. TAKE PICTURES, MADE TCS CASE AND ATTACH ALL NECESSARY DOCUMENTS. WAIT FOR RESPONSE. WAS ADVISED TO PULL HEAD AND #2 PISTON. DRAIN COOLANT. TAKE OFF AIR FILTER, INTAKE HARNESSSES, EGR COOLER. UNBOLT TURBO FROM MANIFOLD, REMOVE MANIFOLD, VALVE COVER. PUL INJECTORS. REMOVE BRIDGES, PUSHRODS. UNBOLT HEAD. GET CRANE AND PULL HEAD OFF. INSPECT BLOCK, LOOKED GOOD. INSPECT HEAD, TAKE OFF CONNECTING ROD CAP. PUSH OUT PISTON. TRY TO SEPARATE THE TWO WRIST PIN, SEIZED IN AND COULDNT GET APART. TAKE MORE PICTURES AND ATTACH TO TCS CASERECOVERED THE REFRIDGERANT. REMOVED:

SERVING SASKATCHEWAN		SERVING ONTARIO				
Collision Centre (306) 664-3368	Estevan (306) 636-6320	Ayr (519) 622-7799	Barrie (705) 431-7175	Belleville (343) 453-0348	Cardinal (613) 657-1300	Hagersville (905) 768-1300
Lloydminster (306) 825-3553		London (519) 686-1000	Mississauga (905) 268-2000	North Bay (705) 472-4000	Ottawa (613) 831-2940	Stoney Creek (905) 643-1214
Regina (306) 789-7383	Saskatoon (306) 242-3411	Sudbury (705) 222-1144	Victoria (519) 426-9001	Whitby (905) 665-8888	Windsor (519) 737-6999	

2-017

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HOOD, COOLING PACK, ALL PIPING, ELECTRICAL THAT CONNECTS THE ENGINE TO THE CHASSIS. UNBOLTED THE CLUTCH (PUT IN CLUTCH BLOCKS). UNBOLTED THE BELL HOUSING. REMOVED: FRONT CROSS MEMBER, ALL ENGINE MOUNTING BOLTSS, FRONT ENGINE MOUNT, ENGINE.REMOVED ALL COMPONENTS FROM THE OLD BLOCK AND PREPPED THE FOR INSTALL ON THE NEW BLOCK. INSTALLED THE HEAD WITH A NEW HEAD GASKET AND BOLTS. FOLLOWED THE TORQUE TURN PROCEDURE. HAD TO HELI COIL ONE OF THE TENSIONER MOUNTING HOLES AS THE THREADS PULLED OUT WHEN I REMOVED THE BOLTS. I ALSO FOUND METAL DEBRIS IN THE OIL FILTER MODULE AND OIL COOLER. REPLACED THE OIL COOLER AND FLUSHED THE MODULE OUT, SPINNER FILTER BEARING, IT FELT ROUGH. WHEN REMOVING THE CCV FILTER HOUSING THERE WAS METAL INSIDE THE HOUSING OIL RETURN SO I REPLACED THE FILTER AND FLUSHED THE HOUSING OUT. ISNTALLED ALL ENGINE COMPONENTS ONTO THE NEW BLOCK USING NEW O-RINGS/GASKETS WHERE NECESSARY. FOLLOWED TORQUES AS PER RMI. INSTALLED THE ENGINE INTO THE TRUCK. TORQUED THE BELL HOUSING BOLTS. ATTACHED THE CLUTCH TO THE FLY WHEEL, TORQUED THE CLUTCH BOLTS. ISNTALLED THE CLUTCH ACTUATOR. BOLTED ON THE FRONT CROSS MEMEBER, COOLING PACK, EXHAUST SYSTEM, ELECTRICAL CONNECTIONS, COOLANT LINES. FUEL LINES, POWER STEERING LINES, INTAKE HOSES AND AIR BOX. FILLED THE ENGINE WITH OIL. FILLED THE ENGINE WITH COOLANT. RAN A PRESSURE TEST AND FOUND COOLANT SEEPING OUT OF ONE OF THE PACCAR MOLDED HOSES. DRAINED THE COOLANT AND REMOVED THE HOSE. FILLED THE A/C SYSTEM. PUT THE HOOD ON. PACKED UP ENGINE CORE. INSTALLED THE NEW HOSE. FILLED THE COOLANT. RAN THE TRUCK UP TO TEMP AND CHECKED FOR LEAKS, NONE. WENT FOR A ROAD TEST. LET THE TRUCK SIT OVER NIGHT, NO LEAKS. TOPPED UP FLUIDS. UPDATED THE PCI AND THE EAS-3 AND CLEARED THE POWER DOWN MEMORY

TOTAL LABOR	9,225.00
TOTAL PACCAR	8,676.14
TOTAL OTHER PARTS	17.91
TOTAL GAS/OIL	353.36
TOTAL SUBLET LABOR	498.75
TOTAL ENVIRONMENT CHG	19.81
TOTAL POLICY	-19,149.95

Qty	Part Number	Description	Unit	Extended
1	2411620PEX	INJECTOR, MX-13 EPA17	1,772.66	1,772.66
1	1313120PE	BOLT-FLANGE M8X55	0.97	0.97
1	2257600PE	INSTALLATION KIT - MX13EP	4,117.84	4,117.84
1	2397569PE	OIL COOLER, MX-13, EPA17	1,123.27	1,123.27
1	2234788PE	PACCAR OIL ELEMENT	60.17	60.17
1	1922496PE	PACCAR OIL ELEMENT-CENTRI	75.21	75.21

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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
Lloydminster (800)-667-6323		London (800)-561-7383	Mississauga (877)-268-0020	North Bay (800)-734-9876	Ottawa (888)-220-2642
Regina (800)-667-7716	Saskatoon (800)-667-3098	Sudbury (866)-220-6099	Victoria (877)-426-9001	Whitby (888)-471-8888	Windsor (844)-737-6999
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1	2011888PE	SCREW CAP-CENTRIFUGAL OIL	238.12	238.12
1	2047414PE	GASKET SET, OIL MODULE	33.45	33.45
1	1905815PE	BEARING-PLAIN OIL MODULE	40.19	40.19
1	2118305PE	PIPE-COMPRESSOR, MX-13 EP	134.20	134.20
1	1857669PE	SET-GASKET	16.61	16.61
1	2299013PE	CV REPLACEMENT FILTER, MX	119.12	119.12
6	1313120PE	BOLT-FLANGE M8X55	0.98	5.88
5	1865847PE	O-RING, INJECTOR	9.74	48.70
6	1638270PE	O-RING INJECTOR	9.71	58.26
6	2127551PE	RING SEAL, INJECTOR	12.96	77.76
1	1865847PE	O-RING, INJECTOR	13.76	13.76
1	1907399PE	GASKET-AIR INTAKE	32.16	32.16
1	6306LLUA1C3NTN	BEARING	23.63	23.63
15	8-43087DSP	CABLE TIE-7 5"BLK NYL 50#	0.14	2.10
15	8-44147DSP	CABLE TIE-14"BLK NYL 120#	0.53	7.95
1	1844896PE	GASKET-EXHAUST CIRCULAR 4	21.88	21.88
1	2111441PE	GASKET, OIL PAN	259.13	259.13
16	EC7501	COOLANT-TRP ELC 50/50 JUG	14.37	229.92
20	8-44147DSP	CABLE TIE-14"BLK NYL 120#	0.49	9.80
20	8-43087DSP	CABLE TIE-7 5"BLK NYL 50#	0.14	2.80
5	8-43087DSP	CABLE TIE-7 5"BLK NYL 50#	0.14	0.70
1	2136144PE	COOLANT PIPE	149.90	149.90
2	15-404	WASHER FLUID -45	5.97	11.94
1	15-404	WASHER FLUID -45	5.97	5.97
1	2411620PEX#	CORE	209.00	209.00
-1	2411620PEX*	CORE	209.00	-209.00
3	ATF	AT FLUID	7.12	21.36
50	C1030-B	CHEVRON SYNBLEND BULK	6.64	332.00
1	SUBL	SUBLET LABOR	498.75	498.75
	DYNO			
1	2234788PE&	ENV CHG	1.00	1.00
1	1922496PE&	ENV CHG	0.50	0.50
16	EC7501&	ENV CHG	0.96	15.36
3	ATF&	ENV CHG	0.15	0.45
50	C1030-B&	ENV CHG	0.05	2.50
-1	POLICY	7/700 MC LIMITED COVERAGE	4,000.00	-4,000.00
		PACCAR MX 7YR / 700K MI MAJOR COMPONENTS LIMITED EXTENDED SE		
-1	POLICY	PETERBILT GOODWILL (A-494726 15,149.95-15,149.95		

3 PETERBILT PAY GOODWILL ASSISTANCE
A-496328

>> WARRANTY PENDING <<

SERVING SASKATCHEWAN		SERVING ONTARIO			
Collision Centre (306)-664-3368	Estevan (888)-345-8070	Ayr (866)-539-7383	Barrie (888)-221-2191	Cardinal (877)-657-1300	Hagersville (800)-544-9874
Lloydminster (800)-667-6323		Mississauga (877)-268-0020	North Bay (800)-734-9876	Ottawa (888)-220-2642	Stoney Creek (844)-643-1214
Regina (800)-667-7716	Saskatoon (800)-667-3098	Victoria (877)-426-9001	Whitby (888)-471-8888	Windsor (844)-737-6999	Woodstock (800)-287-9878
<p align="center">Cervus Equipment is a registered trademark of Cervus Equipment Corporation and is used under license by Cervus Contractors Equipment LP as represented by its general partner Cervus Contractors Equipment Ltd. Page 3 of 4</p>					

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Tax ID Date: 02-28-21 Tax ID:

Qty	Part Number	Description
1	POLICY	7/700 MC LIMITED COVERAGE

4 PETERBILT-PAY GOODWILL ASSISTANCE
A-494726

>> WARRANTY PENDING <<

Qty	Part Number	Description
1	POLICY	PETERBILT GOODWILL (A-494726)

SHOP SUPPLIES 358.98

PPD ENVIRON. TAX SAS	19.81
SLS SERV RETAIL	9,225.00
SLS SUBLET LAB SAS	498.75
SLS SHOP SUPP SKN SV	358.98
SLS PAC PTS RO SAS	8,694.05
SLS G O G SAS	353.36
POLICY WORK/PROV-SVC	-19,149.95
PLEASE PAY THIS TOTAL	0.00

I/WE HEREBY ACKNOWLEDGE MY/OUR INDEBTEDNESS TO BRANDT TRACTOR LTD. IN RESPECT OF THIS INVOICE. I/WE AGREE TO THE TERMS OF THE SALE LISTED BELOW:

PAYMENT TERMS: DUE AND PAYABLE NET 30 FOLLOWING THE INVOICE DATE. IT IS UNDERSTOOD AND I AGREE TO PAY CARRYING CHARGES OF 2% ON OVERDUE ACCOUNTS

1. LIMITED WARRANTY:

1. When does the warranty apply?

a) ONLY WHEN THE CUSTOMER INFORMS THE SERVICE MANAGER OF BRANDT TRACTOR LTD. WITHIN 30 DAYS OR 6,500 KM OF DISCOVERY OF THE ALLEGED DEFECT WHICH EVER HAPPENS FIRST.

2. What is the effect of the warranty?

a) THE CUSTOMER IN CONSIDERATION OF THIS WARRANTY WAIVES ANY CLAIM AGAINST BRANDT TRACTOR LTD. ITS AGENT OR EMPLOYEES.

3. Who is covered by Warranty?

a) ONLY THE ORIGINAL CUSTOMER.

4. What is covered by Warranty?

a) MATERIAL AND WORKMANSHIP WHICH TOGETHER DO NOT EXCEED THE AMOUNT ORIGINALLY CHARGED TO THE CUSTOMER.

5. What is NOT covered by Warranty?

a) DAMAGE CAUSED BY MISUSE, ACCIDENT, ROAD HAZARDS, NEGLIGENCE, PAYMENT OF LOSS OF TIME BY REASON OF THE ALLEGED DEFECT AND WARRANTY. REPAIRS, PAYMENT FOR LOSS OF USE OF VEHICLE BY REASON OF ALLEGED DEFECT AND WARRANTY REPAIRS, INCONVENIENCE, CONSEQUENTIAL DAMAGE.

6. Where are warranty repairs to be done?

a) AT A LOCATION AUTHORIZED BY BRANDT TRACTOR LTD.

2. RESPONSIBILITY FOR EQUIPMENT: BRANDT TRACTOR LTD. WILL NOT BE HELD RESPONSIBLE FOR LOSS TO VEHICLES, OR ARTICLES LEFT IN VEHICLES, IN CASE OF FIRE, THEFT, ACCIDENT, OR ANY OTHER CAUSE BEYOND THE CONTROL OF BRANDT TRACTOR LTD.

3. ALL OLD PARTS REMOVED WILL BE DISPOSED OF, UNLESS OTHERWISE SPECIFIED BEFORE REPAIRS STARTED.

4. THE SIGNATURE OF THE OWNER DULY AUTHORIZED REPRESENTATIVE ON THE ORIGINAL WORK ORDER REQUEST, AUTHORIZED THE REPAIR AND SERVICE WORK LISTED ON THIS REPAIR ORDER, ALONG WITH THE NECESSARY MATERIAL.

5. THE DEALER'S RIGHT TO REGISTER AN EXPRESS MECHANICS LIEN TO SECURE THE AMOUNT OF THE REPAIRS AND OTHER APPLICABLE CHARGES THEREON IS ACKNOWLEDGED.

Customer: X _____

Date: _____

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