# THUNDER BAY TRUCK CENTRE, Inc.

WWW.TBTC.CA EMAIL: MAIL@TBTC.CA


**Peterbilt Thunder Bay**
1145 Commerce Street
Thunder Bay, ON P7E 6E8
(807) 577-5793 or (800) 465-5030
Fax: (807) 577-8918

**Peterbilt Fort Frances**
505 McIrvine Road
Fort Frances, ON P9A 3X7
(888) 889-2344 or (807) 274-7936
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**Peterbilt Dryden**
70 Keith Avenue
Dryden, ON P8N 3K8
(807) 223-7577 or (844) 223-7577
Fax: (807) 223-8482

**Peterbilt Longlac**
106 Hamel Ave.
Longlac, ON P0T 2A0
(807) 876-2687
Fax: (807) 876-2570


**Sold To:** SHAWN PALO TRUCKING INC.
133 LYDIA AVE.

THUNDER BAY, ON P7G 2G1

Number P7991
Phone 807 344-5103
P.O. NO.
Complete 03-09-23
Open Date 02-07-23

**REPAIR ORDER NUMBER**
**W78292**
**Date: 03-09-23**
**SVC WRITER**
JP*GB

**CUSTOMER INVOICE** **REPRINT**



| | | |
|---|---|---|
| **SERIAL NO.** 1XPXD49X8FD282754 | **UNIT NO.** P22 | **MILEAGE** 1003940 |
| **YEAR / MAKE / MODEL** / 2015 / Peterbilt / 389 | | **ENG HRS** 22172.3 |
| **ENGINE / SERIAL** ISX15 / 79759905 | | **LICENSE** BE66212 |
| **TRANS / SERIAL** RTLO18918B / S1090765 | | **CPL/ARRG** |
| **RXLS MODEL/SERIAL** | /, / | |

| | | | | | |
|---|---|---|---|---|---|
| **SELL DLR** | | **DEL DATE** | 10-01-14 | **DEL MILE** | |

2 CHECK CAUSE OF SHAKE IN STEERING - FEELS ROUGH TO RIDE
CAUSE:
SPRING PINS HAVE PLAY.
CORRECTION:
INSPECTED UNIT AND FOUND SPRING PINS HAVE LOTS OF PLAY.
DISCUSSED WITH CUSTOMER, NOT REPAIRING AT THIS TIME.
TOTAL LABOR

4 REBUILD ENGINE - CUSTOMER REQUEST
CAUSE:
CONNECTED TO UNIT AND CHECKED FAULTS. T/S CRANK SENSOR CODES.
PULL SENSOR, SENSOR AND TONE GEAR VISUALLY LOOK OK, BUT SENSOR NOT
RESPONDING. REMOVE AND REPLACE SENSOR. T/S CODES FOR CAM SENSOR MAGNET
WEAK. REMOVE AND REPLACE CAM SENSOR. READING OK NOW.
T/S FUEL FAULTS. TEST FOR AIR IN FUEL. OK. FUEL PRESSURE DROPS RIGHT
AWAY FROM 30K TO 0. RAN FUEL PUMP LEAKAGE TEST. 500 ML IN 30 SECONDS.
SPEC IS 525ML. PERFORMED INJECTOR LEAK TEST AND FOUND #1 LEAKING DOWN.
REPLACED INJECTOR #1 AND ROAD TEST UNIT. CEL CAM BACK ON CODE 0731.
REMOVED VALVE COVER AND PINNED CRANK. FOUND ENGINE OUT OF TIMING.
PULLED FRONT COVER AND FOUND DAMAGE TO FRONT HUB BEARING. PULLED PAN
AND OIL PICKUP AND #4 MAIN. FOUND BEARING HAS COME APART CAUSING
DAMAGE TO HUB. DISCUSSED WITH CUSTOMER AND WAS ADVISED TO REBUILD
ENGINE. ORDERED PARTS. OIL COOLER ALSO REQUIRED DUE TO DEBRIS.
DRAIN ENGINE COOLANT AND AIR CONDITIONING.
REMEOVE RAD,TURBOAND MANIFOLD. REMOVE LINES AND HARNESSS AND CYLINDER
HEAD. CLEAN UP BLOCK FOR CUTTING. (SEE CONDITION 5)
PERFORM ENGINE REBUILD AND REASSEMBLE WITH NEW CYLINDER HEAD, OIL
COOLER, NEW THERMOSTATS . ASSEMBLE TOP END AND REINSTALL ALL ITEMS
REMOVED FOR ACCESS. TIME ENGINE AND SET GEAR LASH. CONNECT ALL LINES
AND HARNESSES AND EXHAUST. FILL FLUIDS. RUN ENGINE UP TO TEMPERATURE
AND CHECK FOR LEAKS.OK FILL A/C. ROAD TEST UNIT. FOUND UPPER RAD PIPE

**Customer Print Name:** _____

**Customer Signature:** _____ **Date:** _____

**REPRINT GST# R105278493**

RETURNS: PARTS MUST BE RETURNED WITH 30 DAYS OF PURCHASE, ALL RETURNED ITEMS ARE SUBJECT TO A 10% HANDLING CHARGE WHEN SUPPLIED AS ORDERED AND MUST BE ACCOMPANIED BY OUT PACKING SLIP OR INVOICE.

TERMS: NET 30, 2%PER MONTH 24% PER ANNUM SERVICE CHARGE ON ALL OVERDUE ACCOUNTS.

LEAKING. DRAINED COOLANT AND REMOVED AND REPLACED ELBOW. REFILLED COOLANT AND ROAD TESTED UNIT. ALL GOOD.
CORRECTION:

TOTAL LABOR
TOTAL PARTS
TOTAL FREIGHT
TOTAL COUPON
TOTAL MHSW FEE

| Qty | Part Number | Description | List | Unit | Extended |
|---|---|---|---|---|---|
| 5 | 5298565CUM | SHIM | | | |
| 1 | 550049481 | ROTELLA T | | | |
| 1 | 5658203RXCUM | HEAD,CYLI | | | |
| 4 | 3681174CUM | SCREW,HEX | | | |
| 1 | 3681273CUM | RETAINER, | | | |
| 1 | 3689630CUM | GEAR,IDLE | | | |
| 22 | 3678506CUM | SCREW,HEX | | | |
| 2 | 3678804CUM | SCREW,HEX | | | |
| 1 | 4928594CUM | SENSOR,PR | | | |
| 1 | 3688005CUM | TUBE,FUEL | | | |
| 1 | 5298565CUM | SHIM | | | |
| 1 | 3686018CUM | SHAFT,IDL | | | |
| 1 | 5693737CUM | KIT,OVERH | | | |
| 1 | 3689755CUM | GASKET,LU | | | |
| 1 | 01 | ORING | | | |
| 1 | LF14000NNFLG | FILTER | | | |
| 1 | FF5825NNFLG | FILTER-FU | | | |
| 1 | WF2127FLG | FILTER-WA | | | |
| 1 | K37-1004 | PACCAR FU | | | |
| 1 | 4966441CUM | GASKET,EX | | | |
| 1 | 2866636CUM | GASKET, A | | | |
| 1 | 2866337CUM | GASKET, A | | | |
| 2 | 3163075 | PAINT | | | |
| 1 | J000221 | GUILLOTIN | | | |
| 2 | 550067157 | ROTELLA T | | | |
| 2 | 550045349 | ROTELLA T | | | |
| 4 | EC7501 | COOLANT-T | | | |
| 1 | 15-204X52 | -40 WWF | | | |
| 1 | CT9444TRP | CLAMP-CON | | | |
| 1 | F04-6006 | ELBOW-RUB | | | |
| 1 | 5594275NXCUM | SENSOR, P | | | |
| 1 | 5594276NXCUM | SENSOR, P | | | |
| 1 | 5579419PXCUM | KIT, INJE | | | |
| 1 | 4955831CUM | KIT,OIL C | | | |
| 3 | 3882922 | BOLT | | | |
| 2 | 2894829CUM | CONNECTOR | | | |
| 4 | 2894829CUM | CONNECTOR | | | |
| 1 | 4921517CUM | SENSOR,PR | | | |
| 1 | FREIGHT | | | | |
| 1 | FREIGHT | | | | |
| -1 | COUPON | Z234206 | | | |
| 1 | 550049481& | F.E.T. | | | |
| 1 | LF14000NNFLG& | F.E.T. | | | |
| 1 | FF5825NNFLG& | fet | | | |
| 1 | WF2127FLG& | F.E.T. | | | |
| 1 | K37-1004& | F.E.T. | | | |
| 2 | 550067157& | F.E.T. | | | |
| 2 | 550045349& | F.E.T. | | | |
| 4 | EC7501& | F.E.T. | | | |

5 CUT COUNTERBORES
CAUSE:
REBUILD
CORRECTION:
CUT BLOCK AND INSTALL SHIMS FOR REBUILD.

TOTAL LABOR

MISCELLANEOUS SUPPLY

COUPON REBATE REC.
INV-ENVIRONMENTAL
SLS-SVC CUST LBR TRK
SLS-SUNDRIES
SLS-PTS SHOP
FREIGHT-PTS
H.S.T. R105278493
PLEASE PAY THIS TOTAL

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Number P7991
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Complete 04-16-24
Open Date 03-12-24

**REPAIR ORDER NUMBER**
**W80684**
**Date: 04-16-24**
**SVC WRITER**
JP*GB

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| **RXLS MODEL/SERIAL** | /, / | |

| | | | | | |
|---|---|---|---|---|---|
| **SELL DLR** | | **DEL DATE** | 10-01-14 | **DEL MILE** | |

1 CHECK CAUSE OF DRIVESHAFT ISSUES
CAUSE:
BEARING FAILURE IN FORWARD DRIVE AXLE
CORRECTION:
INSPECTED DIFFS. FOUND FORWARD DRIVE NOT WORKING. REMOVE AXLES. DIFFICULT TO REMOVE DUE TO BEARING FAILURE. DRAIN DIFF AND FOUND HEAVY DEBRIS. QUOTE DIFF. WASHED TRUCK. DRAINED OIL IN REAR DIFF, REMOVED DIFF. CLEANED UP HOUSING AND WELDED CRACK. INSTALLED NEW DIFF. INSTALLED AXLES. STARTED REMOVING FRONT DIFF. REMOVED DIFF AND PUT AIR TO DIFF LOCK. UNBOLT DIFF FROM HOUSING. REMOVE DIFF AND CLEAN UP HOUSING. REMOVE HUBS TO INSPECT BEARINGS. HEATED UP NUT ON THROUGH SHAFT TO REMOVE THROUGH SHAFT.
REMOVED THORUGH SHAFT BEARING RACE. RACE BROKE. BEARINGS DAMAGED FROM DEBRIS RUNNING THROUGH DIFF. ORDERED BEARINGS AND RACES FOR THROUGH SHAFT. CLEANED SURFACES FOR RACES, GROUND DOWN DAMAGED SECTIONS OF HOUSING TO AVOID PIECES BREAKING OFF INTO NEW DIFF. REMOVED YOKE FROM OLD DIFF. REPLACED BEARINGS AND RACES IN RS HUB. CLEANED OUT DIFF HOUSING. INSTALLED RS HUB WITH NEW SEAL AND BEARINGS. INSTALLED AND ALIGNED DIFF. INSTALLED RS BRAKE CALIPER. CLEAN AXLES. INSTALL NEW AXLE GASKETS. INSTALLED AXLES. BOLTED AXLES UP. PUT YOKE ON DIFF INPUT AND STAKED THE NUT. PUT DRIVESHAFT UP WITH NEW YOKE STRAPS.
INSTALLED NEW RELEASE VALVE. SWAPPED OVER FITTINGS FROM OLD RELEASE VALVE ONTO NEW ONE. INSTALLED NEW DIFF LOCK AIRLINE AS THREADS WERE ROLLED OVER. INSTALLED TIRES. TORQUED WHEELS. INSTALLED NEW DRAIN PLUG INTO DIFF. SWAPPED OVER TEMP SENSOR. CLEANED OUT VENT ON DIFF. ROAD TEST TO ENSURE SPEEDO WAS CORRECT AFTER ADJUSTING DIFF RATIO IN INSITE. WASHED OIL OFF OF RIMS AND DIFFS WITH PRESSURE WASHER.

TOTAL LABOR
TOTAL PARTS
TOTAL SERVICE PARTS
TOTAL MHSW FEE

**Customer Print Name:** _____

**Customer Signature:** _____ **Date:** _____

**REPRINT GST# R105278493**

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| Qty | Part Number | Description | List | Unit | Extended |
|---|---|---|---|---|---|
| 1 | 59903 | ULTR.GREY | | | |
| 2 | 313KLE | BRK-KLEEN | | | |
| 2 | 313KLE | BRK-KLEEN | | | |
| 1 | 392-9131 | SEAL, HUB | | | |
| 1 | SET401TRB | SET-BEARI | | | |
| 1 | SET403TRB | SET-BEARI | | | |
| 4 | 313KLE | BRK-KLEEN | | | |
| 2 | 20047 | 75W90 OIL | | | |
| 1 | PC1469-4C | DOT PTC 9 | | | |
| 2 | 109-C | Brass Squ | | | |
| 4 | 39702MSC | HARDENED | | | |
| 2 | D39031MSC | GR.8HXCAP | | | |
| 2 | 39652MSC | GR. C-NE8 | | | |
| 2 | 330-3111 | GASKET | | | |
| 1 | RAD10233 | SHEER ADT | | | |
| 1 | 170.229859 | Quick Rel | | | |
| 1 | CM103430 | STUD-DOUB | | | |
| 1 | 39657MSC | GR. C-NE8 | | | |
| 1 | 49-6B | Brass 90 | | | |
| 1 | 54-6B | Brass 45 | | | |
| 1 | HAB-6-24FS | 3/8 ABrak | | | |
| 1 | 054254ETN | PLUG-MAGN | | | |
| 2 | 7597MSC | GREASE FI | | | |
| 1 | 170-70-18X | KIT-BEARI | | | |
| 4 | D39058MSC | GR.8HXCAP | | | |
| 4 | 39653MSC | GR. C-NE8 | | | |
| 8 | 39703MSC | HARDENED | | | |
| 1 | DD46170P410CGL | CARRIER-R | | | |
| 1 | RD46170410CGL | CARRIER-R | | | |
| 46 | 224503-873C | GEAR LUBE | | | |
| 2 | 313KLE& | F.E.T. | | | |
| 2 | 313KLE& | F.E.T. | | | |
| 4 | 313KLE& | F.E.T. | | | |
| 2 | 20047& | F.E.T. | | | |

2 CHECK CAUSE OF REAR MAIN OUTPUT SEAL LEAKING ON FRONT DIFF - CUSTOMER SUPPLIED SEAL IN TRUCK
CAUSE:
DIFF
CORRECTION:
PULL WHEELS, BRAKE CALIPER AND HUB. REMOVE THROUGH SHAFT. REMOVE COMPONENTS OUT OF L/S FWD HUB AND CLEANED COMPONENTS. REMOVE R/S HUB COMPONENTS AND CLEAN. R/S FWD HUB BEARING IS BROKEN. REPLACED BEARINGS AND RACES. INSTALL L/S HUB AND TORQUE TO SPEC. INSTALL FWD DIFF, SILICONED AND BOLTED UP. GOT NEW THROUGH SHAFT BEARINGS AND RACES, INSTALLED INNER RACE IN HOUSING, INSTALLED BEARINGS ON SHAFT, INSTALLED SHAFT AND INSTALLED OUTER RACE. INSTALLED NEW SNAP RING. GOT NEW OUTPUT SHAFT SEAL AND INSTALLED, INSTALLED YOKE WITH NEW NUT AND LOCTITE. INSTALLED NEW GREASE NIPPLES ON DRIVESHAFT WHERE BROKEN/MISSING. GREASED DRIVELINE.

TOTAL LABOR
TOTAL PARTS
TOTAL FREIGHT
TOTAL MHSW FEE

| Qty | Part Number | Description | List | Unit | Extended |
|---|---|---|---|---|---|
| 1 | 054254ETN | PLUG-MAGN | | | |
| 1 | 49-6B | Brass 90 | | | |
| 1 | 330-3111 | GASKET | | | |
| 1 | 330-3111 | GASKET | | | |
| 8 | 313KLE | BRK-KLEEN | | | |
| 2 | 313KLE | BRK-KLEEN | | | |
| 1 | 49-6B | Brass 90 | | | |
| 1 | 59903 | ULTR.GREY | | | |

B/O RELEASE TCE8555 CONFIRM # 54241

| | | |
|---|---|---|
| 1 | 504060ETN | KIT-BEARI |
| 1 | FREIGHT | |
| 8 | 313KLE& | F.E.T. |
| 2 | 313KLE& | F.E.T. |

3 CHECK CAUSE OF YOKE AND HANGER BEARING LOOSE
CAUSE:
CORRECTION:
INSTALLED NEW YOKE WITH NEW NUT AND USED LOCTITE.
TOTAL LABOR
TOTAL PARTS

| Qty | Part Number | Description | List | Unit | Extended |
|---|---|---|---|---|---|
| 1 | 128049 | NUT-YOKE | | | |
| 1 | 131434KETN | KIT-YOKE, | | | |
| 2 | 250-70-18X | KIT-BEARI | | | |

4 CHECK CAUSE OF RIGHT DRIVE WHEEL SEAL LEAKING
CAUSE:
CORRECTION:
REPLACED DAMAGED BEARINGS AND RACES IN R/S HUB. INSTALLED R/S HUB WITH NEW SEAL AND BEARINGS.
TOTAL LABOR
TOTAL PARTS

| Qty | Part Number | Description | List | Unit | Extended |
|---|---|---|---|---|---|
| 1 | 392-9131 | SEAL, HUB | | | |

MISCELLANEOUS SUPPLY
ENVIRONMENTAL CHARGE

INV-ENVIRONMENTAL
SLS-SVC CUST LBR TRK
SLS-SUNDRIES
SLS-SERVICE PARTS
SLS-PTS SHOP
FREIGHT-PTS
H.S.T. R105278493
PLEASE PAY THIS TOTAL