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|--------------------------|------------------------|------------|---------------------|------------------------|
| ORDER NUMBER 21093333 | ORDER DATE 06/06/17 | JOB NUMBER | CUSTOMER P/O NUMBER | FREIGHT TERMS Allow |
|--------------------------|------------------------|------------|---------------------|------------------------|

| PRODUCT/DESCRIPTION | QUANTITY OPEN | QUANTITY SHIPPED | QUANTITY BACKORDERED | PRICE | U/M | EXTENSION |
|---------------------|---------------|------------------|----------------------|-------|-----|-----------|
|---------------------|---------------|------------------|----------------------|-------|-----|-----------|

Model : T190-N

BOBCAT COMPACT TRACK LOADER

Ein: 0716114 Serial#: 531614205 Meter: 2748

-----> Description Of Repair Job A <-----

REPLACE UPPER & LOWER BOBTACH PINS & BUSHINGS

-----> Solution Of Repair Job A <-----

REPLACED UPPER AND LOWER BOBTACH PINS AND BUSHINGS

| | | | |
|-----------------------------------|---|---|---|
| 7101078 PIN PIVOT TAPERED | 1 | 1 | 0 |
| 47C1088 BOLT W/THREAD LOCK | 1 | 1 | 0 |
| 27E10 WASHER | 1 | 1 | 0 |
| 6730997 BUSHING 1.5" | 1 | 1 | 0 |
| 17C648 BOLT-5 3/8X3 GR8 USS | 2 | 2 | 0 |
| 85D6 NUT, LOCK 3/8"-5 | 2 | 2 | 0 |
| 6577954 PIN | 2 | 2 | 0 |
| 6805453 WEAR BUSHING | 2 | 2 | 0 |
| 225855 SEAL-10 | 4 | 4 | 0 |

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LABOR
SVC-EC

Service - Environmental Charge

SVC-ES

Service - Expendable Supplies

-----> Description Of Repair Job B <-----

CUSTOMER STATES MACHINE OVER HEATS WHEN USING PALLET FORKS.

-----> Solution Of Repair Job B <-----

 PRESSURE TESTED COOLANT SYSTEM. FOUND EXPANSION TANK WITH A
HOLE IN IT. ANTIFREEZE AND AIR FILTERS WERE VERY DIRTY.

 CHANGED OUT. RAN MACHINE AND GOT TEMP TO 190 AND THEN IN
BACKED DOWN TO 185. NO FURTHER ISSUES.

6732375

1 1 0

TANK WATER COOLANT

6733429

1 1 0

CAP

6983128

3 3 0

 ANTIFREEZE, PG 53/47 PREMIX 1G
PROPYLENE GLYCOL

6598362

1 1 0

AIR FILTER INNER

6598492

1 1 0

AIR FILTER OUTER

LABOR
SVC-EC

1 1 0

Service - Environmental Charge

Continued

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SVC-ES 1 1 0

Service - Expendable Supplies

-----> Description Of Repair Job C <-----

LIFT OR TILT BLEEDS OFF CHECK RODS FOR BENT CONDITION OR POSSIBLE LOOSE PISTONS. IS WORSE WHEN USING PALLET FORKS.

-----> Solution Of Repair Job C <-----

DISASSEMBLED R/H TILT CYLINDER. FOUND ROD SLIGHTLY BENT. TWEAKED TO STRAIGHT. RESEALED CYLINDER. TESTED WITH LOAD ON BUCKET FOR AN HOUR AND TILT DID NOT BLED OFF.

6806330 1 1 0

SEAL KIT

LABOR

SVC-EC

Service - Environmental Charge

SVC-ES 1 1 0

Service - Expendable Supplies

-----> Description Of Repair Job D <-----

INSPECT FOR OIL LEAK NEAR TURBO

-----> Solution Of Repair Job D <-----

REPLACED COPPER WASHER. NO FURTHER LEAKS.

7000642 1 1 0

GASKET

Continued

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|--------------------------------|---------------|------------------|----------------------|-------|-----|-----------|
| LABOR | | | | | | |
| SVC-EC | 1 | 1 | 0 | | | |
| Service - Environmental Charge | | | | | | |
| SVC-ES | 1 | 1 | 0 | | | |
| Service - Expendable Supplies | | | | | | |

-----> Description Of Repair Job E <-----

CHECK FOR NEEDED SERVICE 250 , 500, OR 1K CALL CUST FIRST

-----> Solution Of Repair Job E <-----

CHANGED OIL & FUEL FILTER. AIR FILTER AND COOLANT WAS
CHANGED ON JOB B. HYD FLUID LOOKS GOOD.

6675517 1 1 0

OIL FILTER-12

6667352 1 1 0

FILTER FUEL-12

SVC-15W40 8 8 0

Service - 15W40 Oil QUART

LABOR

SVC-EC 1 1 0

Service - Environmental Charge

SVC-ES 1 1 0

Service - Expendable Supplies

-----> Description Of Repair Job F <-----

INSPECT MACHINE FOR ADDITIONAL REPAIRS. ADVISE CUSTOMER &
QUOTE IF REQUESTED.

-----> Solution Of Repair Job F <-----

PERFORM KCB BOBCHECK

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|---------------------|---------------|------------------|----------------------|-------|-----|-----------|

LABOR

-----> Description Of Repair Job G <-----

REPLACE ALT & DRIVE BELT

-----> Solution Of Repair Job G <-----

REPLACED ALT BELT & DRIVE BELT

7100104

1 1 0

ALTERNATOR BELT

6736775

1 1 0

DRIVE BELT

LABOR

SVC-EC

1 1 0

Service - Environmental Charge

SVC-ES

1 1 0

Service - Expendable Supplies

-----> Description Of Repair Job H <-----

REPLACE LEAKING HOSE @ R/H BOOM CYL

-----> Solution Of Repair Job H <-----

REPLACED LEAKING HOSE

6683797

2 2 0

HOSE, 6M4K 330 REEL

6683707

2 2 0

FITTING, 6G-6FJX

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|--------------------------------|---------------|------------------|----------------------|-------|-----|-----------|
| LABOR | | | | | | |
| SVC-EC | 1 | 1 | 0 | | | |
| Service - Environmental Charge | | | | | | |
| SVC-ES | 1 | 1 | 0 | | | |
| Service - Expendable Supplies | | | | | | |
| Check Tendered # 7859 | 1703.33 | | | | | |

| PAID | | | | | | | |
|-------------------|----------------|-------|---------------|-----------------|-----------------|----------------|---------------|
| MERCHANDISE TOTAL | FREIGHT & MISC | TAX | TOTAL CHARGES | DEPOSIT BALANCE | DEPOSIT APPLIED | DEPOSIT AMOUNT | INVOICE TOTAL |
| 1,653.12 | 0.00 | 50.21 | 1,703.33 | 0.00 | 0.00 | 0.00 | 1,703.33 |

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|--------------------------|------------------------|------------|---------------------|------------------------|
| ORDER NUMBER 21096659 | ORDER DATE 08/28/17 | JOB NUMBER | CUSTOMER P/O NUMBER | FREIGHT TERMS Allow |
|--------------------------|------------------------|------------|---------------------|------------------------|

| PRODUCT/DESCRIPTION | QUANTITY OPEN | QUANTITY SHIPPED | QUANTITY BACKORDERED | PRICE | U/M | EXTENSION |
|---------------------|---------------|------------------|----------------------|-------|-----|-----------|
|---------------------|---------------|------------------|----------------------|-------|-----|-----------|

Model : T190-N

BOBCAT COMPACT TRACK LOADER

Ein: 0716114 Serial#: 531614205 Meter: 2825

-----> Description Of Repair Job A <-----

RUNS TO MIN TILL WARM THEN SMOKE AND LOSES POWER ALOT OF SMOKE COMING FROM REAR OF ENGINE NEAR TURBO. CHECK TURBO FOR BLOWN SEAL. CUSTOMER THOUGHT IT WAS A PICKUP TUBE AND FUEL LIFT PUMP BUT STILL LOOSING POWER.**** MACHINE WILL RUN FINE FOR ABOUT 10 MINUTES TILL WARM THEN CHOKES OUT*****

-----> Solution Of Repair Job A <-----

Has power loss smoking out of engine compartment. found exhaust manifold leak and one of the injector lines was leaking. Ran compression test on all cylinders and found all four to be between 370-380 PSI. According to the manual original spec is 425 PSI but lowest allowable limit is 341 PSI With no more than a 10% variance in the cylinders. Compression test was done with a hot engine.

Removed the muffler, Flex pipe and bolts, then the turbo intake tubes. Then removed the exhaust elbow from the turbo.

2 of the bolts broke off in the turbo. Removed turbo nuts, oil lines and turbo from machine. Had to take off the E clip of the waste gate lever to get the oil line off and the turbo free. Removed the manifold nuts and removed the manifold. Cleaned and inspected all parts. Drilled and tapped out Turbo bolts. Reinstalled Manifold, turbo, Elbow, flex pipe and oil lines with new gaskets and some new hardware. Tested machine and seemed to make a difference for about 30 mins then it started smoking again. Checked fuel system couldn't narrow it down but after replacing all

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| ORDER NUMBER 21096659 | ORDER DATE 08/28/17 | JOB NUMBER | CUSTOMER P/O NUMBER | FREIGHT TERMS A.U. |
|--------------------------|------------------------|------------|---------------------|-----------------------|

| PRODUCT/DESCRIPTION | QUANTITY OPEN | QUANTITY SHIPPED | QUANTITY BACKORDERED | PRICE | U/M | EXTENSION |
|--|------------------|---------------------|-------------------------|-------|-----|-----------|
| hoses, filter, pickup/return tubes, and lift pump. Each seemed to make a difference and was the simpler cheaper fix but did not fix problem completely. Called customer and advised, possible injection pump. Followed procedure in service manual to replace pump. Removed Fuel lines, Intake manifold, shutoff solenoid, and High Idling body. Removed bolts and nuts and pulled out pump. Installed pump and torqued to specification. Reinstalled fuel lines, intake manifold, shutoff solenoid, and high idling body and torqued to specifications. Tested. Ran machine and worked for 2 hours problem was fixed and no more issues were found. Washed and Greased. | | | | | | |
| 6657734 HAND PRIMER, SHORT | 1 | 1 | 0 | | | |
| 6598102 VALVE, JET START | 1 | 1 | 0 | | | |
| 5HM14 CLAMP | 1 | 1 | 0 | | | |
| 6655216 FUEL PUMP | 1 | 1 | 0 | | | |
| 6686037 GASKET 3974502 | 1 | 1 | 0 | | | |
| 1CM620 BOLT | 1 | 1 | 0 | | | |
| WAREHOUSE | | | | | | |
| 4E4 WASHER | 2 | 2 | 0 | | | |

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|--------------------------|------------------------|------------|---------------------|-----------------------|
| ORDER NUMBER 21096659 | ORDER DATE 08/28/17 | JOB NUMBER | CUSTOMER P/O NUMBER | FREIGHT TERMS A.L. |
|--------------------------|------------------------|------------|---------------------|-----------------------|

| | OPEN | SHIPPED | QUANTITY | PRICE | U/M | EXTENSION |
|---------------------------------------|------|---------|----------|-------|-----|-----------|
| 6684848 PIPE | 1 | 1 | 0 | | | |
| PTS-FREIGHT Freight | 1 | 1 | 0 | | | |
| 6657416 BOLT | 4 | 4 | 0 | | | |
| 6974656 ASSY PIPE, OVER FLOW | 2 | 2 | 0 | | | |
| 6688382 EXHAUST MANIFOLD GASKET | 1 | 1 | 0 | | | |
| 7000642 GASKET | 2 | 2 | 0 | | | |
| 6680570 GASKET | 1 | 1 | 0 | | | |
| 6727753 GASKET | 1 | 1 | 0 | | | |
| 6675636 GASKET | 1 | 1 | 0 | | | |
| 6652792 NUT METRIC 8 1.25 PITCH | 4 | 4 | 0 | | | |
| 6675637 GASKET | 1 | 1 | 0 | | | |
| 6667352 FILTER FUEL-12 | 1 | 1 | 0 | | | |
| 6577822 HOSE BULK, 5/16" I.D.-FT | 4 | 4 | 0 | | | |

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| PRODUCT/DESCRIPTION | QUANTITY OPEN | QUANTITY SHIPPED | QUANTITY BACKORDERED | PRICE | U/M | EXTENSION |
|---|---------------|------------------|----------------------|-------|-----|-----------|
| 6569752 HOSE BULK/FT, .25" I.D. FUEL HOSE | 2 | 2 | 0 | | | |
| 6578169 HOSE, 3/16" I.D.-BULK/FT | 4 | 4 | 0 | | | |
| 6650239 SCREEN, FUEL PICKUP | 1 | 1 | 0 | | | |
| 6661213 COMPRESSION RING | 3 | 3 | 0 | | | |
| 6553411 BUSHING-5 | 1 | 1 | 0 | | | |
| 6577821 HOSE BULK, 1/4" I.D.-FT | 4 | 4 | 0 | | | |
| 6684828REM REMAN, FUEL INJECTION PUMP KUB CORE REQUIRED | 1 | 1 | 0 | | | |
| 6684828COR PUMP, FUEL INJ. KUBOTA V2003 N PUMP KUBOTA V2003 | 1 | 1 | 0 | | | |
| 6684828COR PUMP, FUEL INJ. KUBOTA V2003 N PUMP KUBOTA V2003 | -1 | -1 | 0 | | | |
| PTS-FREIGHT Freight | 1 | 1 | 0 | | | |
| 6684877 GASKET | 1 | 1 | 0 | | | |
| 6685465 O-RING | 1 | 1 | 0 | | | |

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| PRODUCT/DESCRIPTION | QUANTITY OPEN | QUANTITY SHIPPED | QUANTITY BACKORDERED | PRICE | U/M | EXTENSION |
|---|---------------|------------------|----------------------|-------|-----|-----------|
| 6666783 PUMP GASKET WAS 3974601 | 1 | 1 | 0 | | | |
| LABOR SVC-EC Service - Environmental Charge | 1 | 1 | 0 | | | |
| SVC-ES Service - Expendable Supplies | 1 | 1 | 0 | | | |

-----> Description Of Repair Job B <-----

INSPECT MACHINE FOR ADDITIONAL REPAIRS. ADVISE CUSTOMER &
QUOTE IF REQUESTED.

-----> Solution Of Repair Job B <-----

PERFORM KCB BOBCHECK

SVC-EC
Service - Environmental Charge
Check Tendered # 7831 2744.71

PAID

| MERCHANDISE TOTAL | FREIGHT & MISC | TAX | TOTAL CHARGES | DEPOSIT BALANCE | DEPOSIT APPLIED | DEPOSIT AMOUNT | INVOICE TOTAL |
|----------------------|-------------------|--------|------------------|--------------------|--------------------|-------------------|---------------|
| 2,639.35 | 0.00 | 105.36 | 2,744.71 | 0.00 | 0.00 | 0.00 | 2,744.71 |