Date: 03/18/2020

Year	Make/Model	Serial Number
2013 BOB 5600		ATF411608

Stock No.	PO	Customer	Tag	Customer Telephone
23474				

Qty	Options	T	Description	Quantity	List	Net	Total

[redacted]

CUSTOMER RO Open Date: 03/20/19 Meter In: 3907

*001 RUN RRUN

S RUN AND START ISSUES. HAS TAKEN UNIT TO NYDENSTROKERS, THEY REPLACED THE TURBO. NOTE ANY ISSUES THAT MAY COME BACK TO THAT.

F CUSTOMER BROUGHT UNIT IN FOR ISSUES WITH RUNNING AFTER HE HAD TAKING IT TO ANOTHER DEALER. COMPLAINED OF RUNNING ROUGH. CHECK UNIT OVER. FOUND TURBO THEY HAD INSTALLED HAD FAILED. REMOVE AND REPLACE TURBO, BOBCAT COVERED TURBO PART UNDER WARRANTY. AFTER REPLACING TURBO, FOUND IT WAS STILL RUNNING ROUGH. DISCUSS WITH CUSTOMER. REMOVE DPF AND SEND OUT FOR CLEANING. REINSTALL UPON RETURN. FOUND ENGINE WIRING HARNESS HAD BEEN SEVERELY HOT AT SOME POINT. CONTACT CUSTOMER. REMOVE AND REPLACE ENGINE WIRING HARNESS. DIG IN FURTHER, AND HAVE INJECTORS TESTED. FOUND TO BAD. AFTER FURTHER INVESTIGATION FOUND CYLINDERS WERE BAD IN ENGINE. DISCUSS WITH CUSTOMER. LOCATE REMAN ENGINE. REMOVE ENGINE FROM UNIT AND SWAP OUT WITH REMAN ENGINE. CHANGE FUEL FILTER. CHANGE ENGINE OIL FILTER. PUT NEW ANTIFREEZE IN UNIT. FILL ENGINE OIL. REPLACE GASKETS AS REQUIRED FOR ENGINE INSTALLATION. HOOK UP TO COMPUTER. UPDATE UNIT CONTROL WITH NEW ENGINE AND INJECTOR CODES AS REQUIRED. MAKE SURE ALL SOFTWARE ON UNIT IS CURRENT. REPLENISH HYDRAULIC OIL. REPLACE AIR FILTERS. REPLACE CCV FILTER. REPLACE TUBES AS NEEDED FOR ENGINE INSTALL. REMOVE AND REPLACE BROKEN ROCKER. SWITCH IN CAB. RUN UNIT AND CHECK OPERATION.

L LABOR

P 7024504 GASKET, FL
GASKET, FLANGE MUFFLER

P 7024318 GASKET, DP
GASKET, DPF

P FRT FREIGHT
FRT OF DPF OUT FOR CLEANING

P FRT FREIGHT
FRT ON RTN DPF

P 7275453 TUBE
TUBE

P 7043987 NUT-W RETA
NUT-W RETAINER

P 7386652 FILTER, AI
FILTER, AIR OUTER

P 7010001 FILTER, AI
FILTER, AIR SECONDARY

P 6903117 FLUID, OIL
FLUID, OIL HYD 2.5 GAL 3

[redacted]

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DOUG BIRENMAN
[illegible] WALTON AVE
SALISBURY, MD 21801

Date: [illegible]

Year	Make/Model	Serial Number
2013 BOB 5600		ATF411608

Stock No.	PO	Customer	Tag	Customer Telephone
23474				

Qty	Options	T	Description	Quantity	List	Net	Total

P 7024008 SWITCH, RO
[illegible] ROCKER

P FRT FREIGHT

P 7024701 KIT, FILTE
KIT, FILTER VENTILATION CRANKCASE

P 7211060 HARNESS, E
HARNESS, ENG

P FRT FREIGHT

P 7024037 GASKET
GASKET

P *DISCOUNT LAST LINE 5%

P 6000024 GASKET, NO
GASKET, NOZZLE INJ

P 6000779 O-RING
O-RING

P *DISCOUNT LAST LINE 5%

P 7024087 GASKET, CO
GASKET, COVER VALVE

P *DISCOUNT LAST LINE 5%

P 6000059 GASKET
GASKET

P *DISCOUNT LAST LINE 5%

P 6000784 O-RING
O-RING

P *DISCOUNT LAST LINE 5%

P 7023589 FILTER FUE
FILTER FUEL WATER SEPARATOR

GASKET, COVER VALVE

P 7286484 SENSOR, FU
SENSOR, FUEL

P 7354882 OIL 15W40
OIL 15W40 GAL 6

P 5000006 ANTIFREEZE
ANTIFREEZE/COOLANT, EG PREMIX GAL 6

P 5000020 FITTING
FITTING

P 0570401020 END
END

P 7205080 NUT
NUT

P 7354882 OIL 15W40
OIL 15W40 GAL 6

P LP0V3866CR8779C REMAN ENG

P CORE: Core Chrgs

[redacted]

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[redacted]

RO: 4017G
Invoice: 44809G
Date: 03/18/2020

Year	Make/Model	Serial Number
2013 BOB 5600		ATF411608

Stock No.	PO	Customer	Tag	Customer Telephone
23474				

Qty	Options	T	Description	Quantity	List	Net	Total

P LP0V3866CR8779C CORE, V380
REMAN ENGINE V3800 CR TIF

P MISC MISC PARTS
TURBO RETURNED FROM REMAN ENGINE, NOT NEEDED

S OL OUTSIDE LABOR 450.00 450.00
VISUALLY INSPECT DPF. RECORD PR AND BR. WEIGHT BEFORE CLEAN. INSPECT FOR CRACKS. FLOW CHECK BEFORE CLEANING. CLEAN DPF BEFOR THERMAL CYLE. THERMALLY CLEAN DPF AFTER THERMAL CYCLE. CLEAN DPF. FINAL FLOW CHECKAFTER DPF CLEANED. CLEAN OUTSIDE OF DPF. CLEAN C

S OL OUTSIDE LABOR
CHECK INJECTORS. 3 OUT OF 4 CHECK BAD.

O FRT SERVICE TOOL
UPDATE ENGINE CODING
UPDATE INJECTOR SN'S
MAKE SURE SOFTWARE CURRENT.

M SHOP SUPPLIES

THANK YOU FOR YOUR BUSINESS

[redacted]

CHARGE [redacted]

[redacted]	
LABOR	
PARTS	
SUBLET	
GAS	
DRUM	
TOWING	
TAX	
TOTAL	14470.54

Signature: _____

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