

Swartzrock Implement Co. Inc.
 2802 C...
 Charles City, IA 50516

SERVICE INVOICE

Invoice: 01-211472
 Date: 6/22/2020

PO: T8.390/ENGINE
 CustId: DOHRMANN DANA

Cust Email:
 Phone: (641) 373-0177
 Salesperson: Roger M
 User: Abigail D

Bill To:
 Dana Dohrmann
 927 120th St
 Hampton, IA 50441 US

Ship To:
 Dana Dohrmann

PUT TRACTOR ON DYNO AND IT WAS SHORT ON H.P. AND COULD HEAR A SLIGHT MISS.. AFTER REMOVING ENGINE TO REPAIR OIL LEAK WE PULLED INJECT ORS AND SENT THEM OUT FOR TESTING AND FOUND #5 WAS BAD SO WE INSTALLED A REMAN AND THE OTHER 5 INJECT ORS AND ALL HIGH PRESSURE FUEL LINES. WHEN WE HAD VALVE COVER OFF WE NOTICED EXHAUST MANIFOLD WAS BROKEN ON TURBO SIDE SO WE REPLACED IT ALSO.

Opened: 6/22/2020
 Work Order No: 01-215666
 Pickup Date:
 Unit No: 65150
 Unit Serial: ZDRC02456
 Unit Desc: FWA Tractor
 Unit Meter: 2,838.0 Hours

Responsible Tech: Dan S
 My Ref: T8.390/ENGINE
 Delivery Date:
 Unit Make: New Holland
 Unit Model: T8.390
 Unit Tag:

CHECK ENGINE FOR LOSS OF POWER

Item	Type	Description	Qty	Tax	Price	Discount	Net Price
T8.390/ENGINE							
		T8.390/ENGINE CHECK ENGINE FOR LOSE OF POWER AND INCREASE OF FUEL CONSUMPTION					
	SL	Customer	7.3000	Y	\$89.50		\$653.35
504154202	PA	NH - GASKET	3.0000		\$5.70		\$17.10
99440118	PA	NH - RING	1.0000		\$21.00		\$21.00
99440117	PA	NH - BELLOWS	1.0000		\$26.75		\$26.75
504047548	PA	NH - CLAMP	2.0000		\$30.75		\$61.50
504295619	PA	NH - BOLT FLANGE	12.0000		\$14.75		\$177.00
16731270	PA	NH - STUD	2.0000		\$9.55		\$19.10
5801540468	PA	NH - PROTECTION PLATE	1.0000		\$43.00		\$43.00
504380220	PA	NH - MANIFOLD EXHAUST	1.0000		\$1,805.00		\$1,805.00
504126981	PA	NH - PIPE, INJECTION	1.0000		\$91.50		\$91.50
504126982	PA	NH - PIPE, INJECTION	1.0000		\$87.00		\$87.00
504126983	PA	NH - PIPE, INJECTION	1.0000		\$70.00		\$70.00
504126984	PA	NH - PIPE, INJECTION	1.0000		\$90.75		\$90.75
504126985	PA	NH - PIPE, INJECTION	1.0000		\$92.00		\$92.00
504126986	PA	NH - PIPE, INJECTION	1.0000		\$86.75		\$86.75
47416695	PA	NH - SENDER UNIT	1.0000		\$213.00		\$213.00
47511724R	PA	NH - REMAN-INJECTOR EMMI	1.0000		\$385.00		\$385.00
Injector Repair	PA	OM - Inj Testing/Repair	1.0000		\$390.00		\$390.00
	SS	Shop Supplies	1.0000		\$86.60		\$86.60
Segment Total:							\$4,416.40

SERVICE INVOICE

Invoice: 01-211476
Date: 6/22/2020

PO: T8.390/Leak
CustId: DOHRMANN DANA

Smartrock Implement Co. Inc.
Rd. S.
Charles City, IA 50616

Cust Email:
Phone: (641) 373-0177
Salesperson: Roger M
User: Abigail D

Bill To:
Dana Dohrmann
927 120th St
Hampton, IA 50441 US

Ship To:
Dana Dohrmann

RAN ON DYNO AND OIL LEAKING FROM REAR DRIVE TRAIN COVER, PULLED ENGINE AND REMOVED COVER AND CLEANED SURFACES AND RESEALED AND REINSTALLED COVER WITH ALL NEW GASKETS AND PUT ENGINE BACK IN TRACTOR AND RAN ON DYNO FOR HOURS AND NO LEAKS

Opened: 5/1/2020
Work Order No: 01-214379
Pickup Date:
Unit No: 65150
Unit Serial: ZDRC02456
Unit Desc: FWA Tractor
Unit Meter: 2,838.0 Hours

Responsible Tech: Dan S
My Ref: T8.390/Leak
Delivery Date:
Unit Make: New Holland
Unit Model: T8.390
Unit Tag:

CHECK OIL LEAK AT REAR OF ENG.

Item	Type	Description	Qty	Tax	Price	Discount	Net Price
T8.390/ENGINE							
		T8.390/ENGINE CHECK ENGINE FOR LOSE OF POWER AND INCREASE OF FUEL CONSUMPTION					
	SL	Rework	42.3666		\$45.00		\$1,906.50
5802130987	PA	NH - GASKET	1.0000		\$154.00		\$154.00
5802054076	PA	NH - GASKET	1.0000		\$107.00		\$107.00
5801541760	PA	NH - GASKET	1.0000		\$137.00		\$137.00
98451118	PA	NH - GASKET	1.0000		\$11.00		\$11.00
504331011	PA	NH - GASKET	1.0000		\$4.45		\$4.45
504360820	PA	NH - GASKET	1.0000		\$4.55		\$4.55
PCC/88A	PA	OT - Carb Cleaner	1.0000		\$10.00		\$10.00
70923823	PA	AG - O-RING	1.0000		\$2.89		\$2.89
504262598	PA	NH - WASHER	6.0000		\$6.50		\$39.00
14463481	PA	NH - O-RING	6.0000		\$7.55		\$45.30
504290773	PA	NH - GASKET	1.0000		\$39.00		\$39.00
8097764	PA	NH - O-RING	1.0000		\$23.50		\$23.50
JD3235-63445	PA	JD - 4M3K 1/4"-1WB MEGA3000 HO	1.0000		\$2.50		\$2.50
JD6321-30221	PA	JD - HOSE CLAMPS [4 NARROW]	2.0000		\$1.50		\$3.00
87340334	PA	NH - FILTER, FUEL	1.0000		\$20.75		\$20.75
5801439820	PA	NH - FILTER, FUEL	1.0000		\$65.00		\$65.00
JD6321-30421	PA	JD - HOSE CLAMP [6 NARROW]	1.0000		\$1.00		\$1.00
AGO ENG	PA	OT - AgOne Engine Oil	6.0000		\$8.76		\$52.56
ANTIFREEZE	PA	OT - Per Gallon Concentrate	4.0000		\$11.50		\$46.00
Segment Total:							\$2,675.00

SERVICE INVOICE

Swartzrock Implement Co. Inc.
 2102 Collins Rd. S.
 Charles City, IA 50616

Invoice: 01-208369
 Date: 1/20/2020

PO: T8.390/LEAK
 CustId: DOHRMANN DANA

Cust Email:
 Phone: (641) 373-0177
 Salesperson: Roger M
 User: Dora H

Bill To:
 Dana Dohrmann
 927 120th St
 Hampton, IA 50441 US

Ship To:
 Dana Dohrmann

SERVICE CALL TO CHECK TURBO LEAK, FOUND DRAIN LINE WAS LEAKING SO I INSTALLED NEW GASKET.
 SERVICE CALL TURBO LEAKING THIS TIME I INSTLLED NEW SUPPLY LINE AND IT WASN'T LEAKING.
 SERVICE CALL THAT TURBO LEAKING AGAIN SO THIS TIME WE PUT A NEW REBUILT TURBO ON AND RAN, ALL OK

Opened: 12/4/2019
 Work Order No: 01-211872
 Pickup Date:
 Unit No: 65150
 Unit Serial: ZDRC02456
 Unit Desc: FWA Tractor
 Unit Meter: 2,544.0 Hours

Responsible Tech: Vance H
 My Ref: T8.390/LEAK
 Delivery Date:
 Unit Make: New Holland
 Unit Model: T8.390
 Unit Tag:

service calls to CHECK TURBO OIL LEAK

Item	Type	Description	Qty	Tax	Price	Discount	Net Price
T8.390/Leak		T8.390/Leak SERVICE CALL TO check turbo oil leak					
	SL	Customer Site	16.0167	Y	\$99.50		\$1,593.66
504331011	PA	NH - GASKET	1.0000		\$4.40		\$4.40
504360820	PA	NH - GASKET	2.0000		\$4.50		\$9.00
ZPX51850	PA	NH - ADHESIVE	1.0000		\$20.00		\$20.00
5801491235	PA	NH - STUD	2.0000		\$4.90		\$9.80
5801385950	PA	NH - STUD	2.0000		\$6.55		\$13.10
5801385949	PA	NH - STUD	2.0000		\$17.50		\$35.00
5801491036	PA	NH - NUT	6.0000		\$8.45		\$50.70
98451118	PA	NH - GASKET	1.0000		\$11.00		\$11.00
504360820	PA	NH - GASKET	1.0000		\$4.50		\$4.50
504382718R	PA	NH - REMAN-TURBOCHARGER	1.0000		\$2,075.00		\$2,075.00
87696396	PA	NH - RELAY	2.0000		\$16.50		\$33.00
5801372655	PA	NH - PIPE	1.0000		\$124.00		\$124.00
AGO HYD	PA	OT - Bulk AgOne Hyd	8.0000	Y	\$8.02		\$64.16
	SS	Shop Supplies	1.0000		\$80.94		\$80.94
Segment Total:							\$4,128.26
T8.390/HAULING		T8.390/HAULING PICK UP TRACTOR					
	SL	Pick up & Deliver Rev	60.0000	Y	\$4.00		\$240.00
Segment Total:							\$240.00

SERVICE INVOICE

Swartzrock Implement Co. Inc.
 2192 Old Hwy Rd. S.
 Charles City, IA 50616

Invoice: 01-208417
 Date: 1/24/2020

PO: T8.390/Turbo
 CustId: DOHRMANN DANA

Cust Email:
 Phone: (641) 373-0177
 Salesperson: Roger M
 User: Abigail D

Bill To:
 Dana Dohrmann
 927 120th St
 Hampton, IA 50441 US

Ship To:
 Dana Dohrmann

COMPLAINT: NEW REBUILT TURBO MADE A LOUD NOISE & WAS LEAKING OIL

CAUSE: IMPEL OR SHAFT BROKE IN WENT INTO EXHAUST & PUMPED OIL ALL THE WAY TO THE CAT MUFFLER

CORRECTION: REMOVED HOOD, SHIELDS, COVERS AND STEAM CLEANED TRACTOR WHICH TOOK 2 HRS AS IT WAS COVERED IN MUD & CORN STALKS. REMOVED TURBO & FOUND EXHAUST SIDE IMPELOR DOWN EXHAUST PIPE & PUMPED ENGINE OIL INTO CAT MUFFLER & SOAKED IT. REMOVED MUFFLER, EXHAUST BLANKETS, PIPING & CLEANED & REPLACED CAT MUFFLER. INSTALLED NEW REBUILT TURBO, NEW GASKETS, INSULATION BLANKET, RECIRCULATION FILTER ON ENGINE & REASSEMBLED IN REVERSE ORDER. REPLACED ENGINE OIL, FILTERS & TOPPED OFF FLUIDS. ADDITIONAL CLEANING TIME REQUITED TO CLEAN EXHAUST SYSTEM AS 5 GAL OF ENGINE OIL WAS PUMPED INTO-

Opened: 12/9/2019
 Work Order No: 01-211942
 Pickup Date:
 Unit No: 65150
 Unit Serial: ZDRC02456
 Unit Desc: FWA Tractor
 Unit Meter: 2,573.0 Hours

Responsible Tech: Lucian S
 My Ref: T8.390/Turbo
 Delivery Date:
 Unit Make: New Holland
 Unit Model: T8.390
 Unit Tag:

REPLACE NEW REBUILT TURBO 0041634937

Item	Type	Description	Qty	Tax	Price	Discount	Net Price
T8.390/DOHRMAN							
		T8.390/DOHRMAN REPLACE NEW REBUILT TURBO, LEAKING OIL					
	SL	Warranty	18.1501		\$90.00		\$1,633.51
504382718R	PA	NH - REMAN-TURBOCHARGER	1.0000		\$2,075.00		\$2,075.00
5801385949	PA	NH - STUD	1.0000		\$17.50		\$17.50
84366840	PA	NH - SHIELD HEAT	1.0000		\$340.00		\$340.00
84565867	PA	NH - FILTER ENGINE OIL	1.0000		\$82.75		\$82.75
5801491036	PA	NH - NUT	3.0000		\$8.45		\$25.35
70927242	PA	NH - O-RING	1.0000		\$5.20		\$5.20
504290773	PA	NH - GASKET	1.0000		\$39.00		\$39.00
5801659560	PA	NH - FILTER FUEL	1.0000		\$107.00		\$107.00
84422745	PA	NH - SENSOR	1.0000		\$620.00		\$620.00
87477184	PA	NH - STUD	4.0000		\$2.85		\$11.40
47483725	PA	NH - INSULATION	1.0000		\$405.00		\$405.00
84349222	PA	NH - GASKET	1.0000		\$9.45		\$9.45
84325387	PA	NH - MUFFLER	1.0000		\$5,970.00		\$5,970.00
15W40NH	PA	NH - Motor Oil Gallon	6.5000		\$18.00		\$117.00
ANTIFREEZE	PA	OT - FARM OYL ANTIFREEZE	1.0000		\$12.24		\$12.24