

2388 COMBINE (12/11/18)

SERVICE INVOICE

Invoice: 03-68023

PO: 2388 CASE IH

Date: 12/11/2018

CustId:

Cust Email:

Phone:

Salesperson:

User:

Ship To:

PULLED AND REPAIRED ROTOR GEAR BOX / PULLED TRANSMISSION FOUND 2ND GEAR BAD / FOUND HYDR-OSTAT MOTOR SHAFT BAD
 REPLACED SHAFT / FOUND FEEDER HOUSE WEAR PLATES BROKEN / REPLACED BROKEN WEAR PLATES / REPAIRED BROKEN BRACKET ON
 HEADER / REPLACED BUSHINGS ON LEFT SIDE OF HEADER / REPLACED SICKLE HEAD / REPLACED GUARDS / ADDED HYDRAULIC OIL 22 GAL. 1
 TESTED HYDR-O-STAT / COMBINE SURGED IN FORWARD BUT NOT REVERSE
 CHECKED CHARGE PUMP PRESSURES / CHARGE PUMP OK / CHECKED SERVO PRESSURES / SERVOS WERE LOW /
 CHANGED HIGH PRESSURE RELIEF VALVE / STILL SURGED IN FORWARD / CHANGED CHECK VALVES ON HYDR-O-STAT PUMP /
 CHECKED CONTROL VALVE ON PUMP / CHECKED SHUTTLE VALVE / SHUTTLE OK / CHECKED SERVOS ON PUMP /
 FOUND FORWARD SERVO STUCK

Opened: 12/11/2018
 Work Order No: 03-76304
 Pickup Date:

Responsible Tech: Gail
 My Ref: CASE IH 2388
 Delivery Date:

CHOPPER BELT

Item	Type	Description	Qty	Tax	Price	Discount	Net Price
2388 CASE IH		Unit: None					
		2388 CASE IH					
	SL	Customer Labor	70.5000				
AP	MC	ADDITIONA PARTS	1.0000				
34-3806	PA	OT - 3/8-16 GR8 NUT	2.0000				
Remark	RE	CHOPPER BELT					
86577033	PA	NH - BEARING, ROLLER	1.0000				
AP	MC	ADDITIONA PARTS	1.0000				
Remark	RE	ROTOR GEARBOX PARTS					
AP	MC	ADDITIONA PARTS	1.0000				
Remark	RE	GEARBOX PARTS					
86629540	PA	NH - O-RING	1.0000				
A-1345307C1	PA	AI - COUPLING ROTOR DRIVE	1.0000				
86512014	PA	NH - BEARING AS	1.0000				
56694H	PA	NH - BEARING ASSY	1.0000				
84250219	PA	NH - GASKET	1.0000				
140747C92	PA	NH - KIT, SEALS	1.0000				
92741C2	PA	NH - GASKET	1.0000				
110054	PA	OT - WD-40	1.0000				
B80901	PA	NH - FLUID	7.0000				
25088	PA	OT - 3/8 FUEL LINE	2.5000				
35-0812	PA	OT - 1/2-13X1-1/2 USS GR5 CAP SCRE	1.0000				

SERVICE INVOICE

Invoice: 03-68023

PO: 2388 CASE IH

Date: 12/11/2018

CustId:

Cust Email:

Phone:

Salesperson:

User:

Ship To:

37-3508	PA	OT - 1/2 USS GR5 FLATWASHER	1.0000
37-4508	PA	OT - 1/2 LOCKWASHER	1.0000
AP	MC	ADDITIONA PARTS	1.0000
Remark	RE	BELT	
AP	MC	ADDITIONA PARTS	1.0000
Remark	RE	HYD. OIL GUAGE	
AP	MC	ADDITIONA PARTS	1.0000
Remark	RE	GASKET	
PDT-300	PA	TS - PIPE DOPE TAPE	1.0000
4126P	PA	OT - BRAKE CLEANER	2.0000
1329837C2	PA	NH - PIN	4.0000
A-124573A1	PA	AI - BELT AUX. PUMP DRIVE	1.0000
A-196482C2	PA	AI - HUB PUMP DRIVE PULLEY	1.0000
AP	MC	ADDITIONA PARTS	1.0000
Remark	RE	METAL PLATE	
AP	MC	ADDITIONA PARTS	1.0000
Remark	RE	REBUILT TRANSMISSION	
AP	MC	ADDITIONA PARTS	1.0000
Remark	RE	USED HYD-O-STAT SET	
AP	MC	ADDITIONA PARTS	1.0000
Remark	RE	HYD. FILTERS	
FRT	MC	FREIGHT	1.0000
BULK HYDRAULIC	PA	OT - HYDRAULIC OIL	21.0000
Service Call	MC	Service Call	15.0000
SS	MC	SHOP SUPPLIES	1.0000

Labor:

Parts:

Misc Charges:

Totals

Sub Total:

Total Tax:

Invoice Total:

\$17,745.78

Forms of Payment

SERVICE INVOICE

Invoice: 03-68023
Date: 12/11/2018

PO: 2388 CASE IH
CustId:

Cust Email:
Phone:
Salesperson:
User:

Ship To:

Type	Description	Amount
Charge	Customer Id: Signature: _____	\$17,745.78
Total Forms of Payment:		\$17,745.78
Balance Due On This Invoice: \$17,745.78		

Thank you for your business.

Service call too field to check chopper belt and Rotor jumping out of gear.

Pulled Rotor gear box and replaced shift collar bearings and seals as needed

Pulled Transmissison to check for jumping out of 2nd gear. Found counter shaft bearings out casing wear and damage to gears on main shaft / Replaced Transmission with rebuilt Transmission

Found out put shaft on Hyd-o-stat motor worn and possibly slipping, Replaced out put shaft and seals

Repalced wobble box mounting bracket rear bushings , Removed guards and welded cutter bar guard support bar, replaced worn guards and replaced knife head , welded broken shields on header

Removed Feeeder house top plate and welded new feeder house chain upper rails in feeder house

Checked Combine operation and found machine surged under load

Checked charge pump pressure, Stand by pressure, Changed forward and reverse high pressure relief valves, pulled Hyd-o-stat control valve and checked for wear or damage/ Checked forward and reverse survo pressure/ Found forward Survo worn and sticking under load

Replaced Hyd-o-stat Motor and pump with used Hyd-o-stat

Did not charge for out put shaft or seals or labor in replacment of Hyd-o-stat motor Repair