

SOLD TO

SHIP TO

COPY

STORE	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE	INVOICE NUMBER	PAGE
		416617	07-29-21		1 of 7
SHIP VIA	DOC DATE		REFERENCE NO.		
	08-02-21		0278197		
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	AA	830M	041E01048	576.0	
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

WORK PERFORMED NEAR BISMARCK ND
REMOVE& INSTALL STEERING GEAR
COMPLAINT: MACHINE IS NOT STEERING PROPERLY.
CUSTOMER WANTS STEERING GEAR REMOVED AND REPAIRED.
CAUSE: STEERING GEAR SHAFT/KEYWAY FAILURE.
RESULTANT DAMAGE: MACHINE WILL NOT STEER PROPERLY.
STEERING GEAR SHAFT IS DAMAGED.
CORRECTION: REMOVED FLOOR PLATES FROM THE MACHINE.
REMOVED BRAKE LINES FROM THE BRAKE PEDAL.
UNHOOKED 2 HOSES TO ALLOW CLEARANCE TO REMOVE THE
STEERING GEAR. REMOVED PITMAN ARM FROM THE
STEERING GEAR SHAFT AND FOUND THE KEYWAY WAS
SHEARED. REMOVED PIN FROM THE STEERING ARM FOR
THE CONTROL VALVE. REMOVED MOUNTING HARDWARE FROM
THE STEERING GEAR AND STEERING COLUMN. USED TRUCK
HOIST TO LIFT THE STEERING GEAR OUT OF THE MACHINE
AND LOADED ON TRUCK TO TAKE TO SHOP. UNHOOKED
OTHER END OF THE PITMAN ARM FROM THE STEERING
CYLINDER AND LOADED TO TAKE TO THE SHOP. AFTER
REPAIRS WERE COMPLETED TO THE STEERING GEAR IT WAS
INSTALLED IN REVERSE ORDER OF DISASSEMBLY. LINES
WERE INSTALLED WITH NEW O-RINGS.

4 3096932

10W ADV HYDO 1 GALS

830m

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CONTINUES

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02			07-29-21	02WO0242863	2 of 7
SHIP VIA	DOC.DATE	REFERENCE NO.			
	06-02-21	0278197			
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	AA	830M	041E01048	576.0	
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

8	4627710	HYDO ADV 10 2.5 GAS	
		TOTAL PARTS	SEG. 01
			F/R LBR
2.00	0283725-00001	PICK UP MIDWAY	
		TOTAL MISC CHGS	SEG. 01
		SEGMENT 01 TOTAL	

REPAIR STEERING GEAR

COMPLAINT: STEERING GEAR BOX DOES NOT FUNCTION PROPERLY.

CAUSE: STEERING SHAFT AND HOUSING BEARINGS DAMAGED.

CORRECTION: LOCATED STEERING COLUMN. MOVED TO SERVICE BAY. MARKED AND DISASSEMBLED GEAR BOX. FOUND DAMAGED SHAFT AND GEAR. CLEANED HOUSING OUT. NOTIFIED SUPERVISOR OF PARTS NEEDED. SUPERVISOR LOCATED PARTS. DISASSEMBLED NEW GEAR BOX AND USED SHAFT/HOUSING AND GEAR IN ORIGINAL BOX. ASSEMBLED AND ADJUSTED STEERING BOX. FILLED WITH 3.5 QUARTS OF 30WT OIL. TESTED AND INSPECTED FOR LEAKS.

1	5F-5552	GASKET	N
1	5F-6545	GASKET	N
1	7F-8267	RING	S

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02	-----	416617	07-29-21		3 of 7
SHIP VIA	DOC DATE		REFERENCE NO.		
	06-02-21		0278197		
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	AA	830M	041E01048	576.0	
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

1	7M-8930	SEAL	N		
1	9H-0858	SEAL	N		
2	1556213B	30W TRANS BULK	S		
1	9M8714	GEAR & HOUSING GRPN			
		TOTAL PARTS		SEG. 02	
		TOTAL LABOR		SEG. 02	
1.00	REPAIR LABOR	STEER ARM			
1.00	MATERIAL	MATERIAL			
1.00	CUT SHAFT	KEY WAY			
2.00	0282018-00001	DELIVER TO MIDWA			
		TOTAL MISC CHGS		SEG. 02	
		SEGMENT 02 TOTAL			

TROUBLESHOOT STEERING SYSTEM

COMPLAINT: REBUILT STEERING GEAR IS INSTALLED IN THE MACHINE BUT THE STEERING IS STILL SLUGGISH.

CAUSE: STEERING PUMP MAIN CARTRIDGE INSTALLED BACKWARDS.

CORRECTION: TALKED TO CUSTOMER ABOUT STEERING STILL HAVING AN ISSUE AFTER THE REBUILT STEERING GEAR WAS INSTALLED. TRENT GUTHMILLER CAME TO SEE HOW THE MACHINE WAS STEERING AND AGREED THAT IT IS NOT RIGHT AND NEEDS FURTHER TROUBLESHOOTING.

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STORE	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE	INVOICE NUMBER	PAGE
02		416617	07-29-21		4 of 7
SHIP VIA	DOC. DATE		REFERENCE NO.		
	06-02-21		0278197		
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	AA	830M	041E01048	576.0	
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

LOOKED UP TROUBLESHOOTING INFO ON THE MACHINE.
DROPPED BELLY PAN ON THE MACHINE TO INSPECT
STEERING VALVE AND LOOK FOR A PLACE TO CHECK
STEERING PRESSURE. EVERYTHING IS MOVING PROPERLY
IN THE STEERING CONTROL SPOOL BUT COULD NOT FIND A
PLACE TO CHECK PRESSURE. RE-INSTALLED THE BELLY
PAN. PUMP IS GROWLING WHILE TRYING TO STEER THE
MACHINE, AND BASED ON TROUBLESHOOTING INFO AND
SYSTEMS OPERATION, DECIDED TO REMOVE THE STEERING
PUMP FOR INSPECTION. PERFORMED PUMP REMOVAL AND
INSTALL ON ANOTHER SEGMENT.

F/R LBR

SEGMENT 04 TOTAL

REPLACE BATTERY

COMPLAINT: ONE OF THE BATTERIES ON THE MACHINE HAS
AN OPEN CELL.

CAUSE: BATTERY FAILURE.

CORRECTION: HAD TO JUMP START THE MACHINE SEVERAL
TIMES WHILE TROUBLESHOOTING THE STEERING SYSTEM.
TALKED TO CUSTOMER AND HE SAID IT WAS OK TO THROW
A SET OF BATTERIES IN IT WHEN WE CAME BACK THE
NEXT DAY. UNHOOKED OLD BATTERIES AND USED TRUCK

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SHIP VIA		DOC DATE	REFERENCE NO.		
		06-02-21	0278197		
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	AA	830M	041E01048	576.0	
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

HOIST TO LIFT THEM OUT. USED TRUCK HOIST TO LIFT
NEW BATTERIES INTO PLACE AND HOOKED UP CABLES.
SET OLD BATTERIES BY THE CUSTOMERS JOB SHACK AS
REQUESTED.

2	153-5710	BATTERY	S	
		TOTAL PARTS		SEG. 05
		TOTAL LABOR		SEG. 05
		SEGMENT 05 TOTAL		

REMOVE& INSTALL STEERING PUMP

COMPLAINT: STEERING PUMP NEEDS TO BE REMOVED FOR
INSPECTION.

CAUSE: SLUGGISH STEERING SYSTEM.

CORRECTION: REMOVED SUCTION AND PRESSURE HOSES
FROM THE STEERING PUMP. REMOVED MOUNTING HARDWARE
AND USED THE TRUCK HOIST TO LIFT THE STEERING PUMP
OUT OF THE MACHINE. PERFORMED INSPECTION/REPAIRS
TO THE PUMP ON ANOTHER SEGMENT. REINSTALLED THE
PUMP WITH TRUCK HOIST AFTER REPAIRS WERE COMPLETED
AND HOOKED UP HOSES. OPERATED THE MACHINE WITH
THE PUMP REPAIRED AND IT STEERS GOOD NOW.

	TOTAL LABOR		SEG. 06
	SEGMENT 06 TOTAL		

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SHIP TO

STORE	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE	INVOICE NUMBER	PAGE
02		416617	07-29-21		6 of 7
SHIP VIA			DOC. DATE	REFERENCE NO.	
			06-02-21	0278197	
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	AA	830M	041E01048	576.0	
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

DISASSEMBLE & ASSEMBLE STEERING PUMP
 COMPLAINT: STEERING PUMP NEEDS TO BE DISASSEMBLED
 AND INSPECTED.
 CAUSE: MAIN STEERING CARTRIDGE INSTALLED
 BACKWARDS.
 CORRECTION: DISASSEMBLED STEERING PUMP AND
 INSPECTED CARTRIDGES. NOTICED SMALL SECTION OF
 PUMP WAS SET UP FOR CLOCKWISE ROTATION AND THE
 LARGE SECTION WAS SET UP FOR COUNTER-CLOCKWISE
 ROTATION. BUMPED ENGINE OVER WHILE WATCHING PUMP
 DRIVE TO DETERMINE WHICH DIRECTION PUMP ROTATION
 SHOULD BE SET UP FOR. DETERMINED LARGE SECTION OF
 THE STEERING PUMP WAS ASSEMBLED BACKWARDS.
 INSPECTED CARTRIDGE FOR ANY SIGNS OF DAMAGE BUT IT
 LOOKS OK. REASSEMBLED THE PUMP AND REVERSED THE
 LARGE SECTION SO IT IS ALSO SET UP FOR CLOCKWISE
 ROTATION. REINSTALLED PUMP ON ANOTHER SEGMENT.
 TESTED OPERATION OF STEERING AFTER PUMP REPAIR AND
 STEERING WORKS GOOD NOW.

TOTAL LABOR SEG. 07
 SEGMENT 07 TOTAL

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CONTINUES

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STORE	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE	INVOICE NUMBER	PAGE
02		416617	07-29-21		7 of 7
SHIP VIA			DOC. DATE	REFERENCE NO.	
			06-02-21	0278197	
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	AA	830M	041E01048	576.0	
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

TRAVEL TO/FROM MACHINE

1.00	TOTAL LABOR	SEG. 9A
1.00	NT SERV ZONE 1	
	NT SERV ZONE 1	
	TOTAL MISC CHGS	SEG. 9A
	SEGMENT 9A TOTAL	

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\$8,656.03



 **COPY**

P.O. No.	Terms
	Due on receipt

Item	Quantity	U/M	Description	Rate	Amount
Labor	38.5	hr	Compression getting in coolant. Was told head gasket. Remove cams, rocker box, head. R seal plate and install head. Found precups loose, remove precups and found head cracked. Went to shop, removed head from engine, no head gasket on it. Had head sent for pressure check, it was no good. They found another head that was good. Remove bad head, clean up good head and install. Install rocker box and cams. Had to get long enough bolts for cams. Set precups to proper location, set valves. Clean up all fuel lines and install. Hook up all hoses and pipe. Run before topping antifreeze. Water pipe for air compressor route is bad. Engine runs.		
Shop Supplies					

A finance charge of 1.5% per month will be assessed after 30 days.

Subtotal

Sales Tax

Total

Payments/Credits

Balance Due

\$3,177.02

Bill To:

Ship To:

Ordered By: /

Customer ID:

Ship to ID:

PO Number					Term	Description	Net Due Date		
						Net 30	11/1/2019		
Order Date		Pick Ticket No		Primary Salesrep Name				Taker	
9/24/2019 07:52:55		3938606							
Quantities					Item ID	Item Description	Pricing	Unit Price	Extended Price
Ordered	Shipped	Remaining	UOM	Unit Size			UOM		

Carrier: Will Call

Tracking #:

*****Service Item*****

1.00 1.00 0.00 EA PUT P REPAIR EA 1.0000 1,100.2400
Serial Number: NA
1.0 put p repair

Meter Reading:

INS TECT/RESEAL PUMP REPAIR LEAKS//teardown clean parts replace front and rear
rotating groups assemble with new seal kit / reseal valve AL brought in also

Ordered As: PR

Total Parts Price:

Total Labor Price:

Quantities					Item ID Item Description	Pricing UOM	Unit Price	Extended Price
Ordered	Shipped	Remaining	UOM Unit Size	Days		Unit Size		

Total Lines: 1

Total Freight In: 25.50

Total Freight Out: 0.00

SUB-TOTAL:

TOTAL FREIGHT:

MANDAN (ND):

MORTON COUNTY (ND):

NORTH DAKOTA:

AMOUNT DUE: 1,195.96

U.S. Dollar

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PICK UP



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STORE	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE	INVOICE NUMBER	PAGE
02			04-09-19		1 of 2
SHIP VIA	MAKE	MODEL	SERIAL NUMBER	REFERENCE NO.	
	AA	830MB	041E01048	02C901903	
QUANTITY	PART NUMBER	N/R	DESCRIPTION	METER READING	MACHINE ID NO.
				UNIT PRICE	EXTENDED PRICE

PARTS SALES PERSON: DAVID KROH

1	1S-6595	*GASKET	S
2	3S-5496	*SEAL O RING	S
4	3S-9643	*SEAL	S
6	4F-9653	*SEAL	S
6	5M-1868	*SEAL O RING	S
1	7M-8227	*GASKET	S
1	8M-5266	*SEAL O RIN	S
9	0L-0364	LOCK	N
1	2H-5001	*RING	N
1	9F-5940	*GASKET	N
1	9M-4852	*GASKET	N
1	9M-4853	*GASKET	N
1	9M-5376	*GASKET	N
6	2M-6203	*GASKET	N
1	5M-1902	*GASKET	N
1	7M-8144	*GASKET	N
1	9S-3034	*GASKET	N
1	2M-8089	*GASKET	N
1	1P-6857	*GASKET	N
1	7E-8026	*GASKET CYL	N
1	7M-7224	*GASKET	N
1	7M-7226	*GASKET	N

This Amount

CONTINUES

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ST B MO

STORE	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE	INVOICE NUMBER	PAGE
02			4-09-19		2 of 2
SHIP VIA		DOC. DATE		REFERENCE NO.	
		04-02-19		02C901903	
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	AA	830MB	041E01048		
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

1	7M-7272		*GASKET	N
1	7M-8144		*GASKET	N
1	7M-8151		*GASKET	N
1	7M-8227		*GASKET	S
1	8S-9908		*GASKET	N
1	9M-2678		*GASKET	N
7	9S-5747		*SEAL	N
1	4M-8210		LOCK	N
1	7M-7667		*GASKET	N
2	7M-8144		*GASKET	N
17	9S-5747		*SEAL	N

TOTAL PARTS
 N D STATE TAX
 BISMARCK CITY TAX
 BURLEIGH COUNTY TAX

6V8613 GASKET KIT

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\$811.46

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STORE 02	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE 5-17-19	INVOICE NUMBER	PAGE 1 of 1
SHIP VIA			REFERENCE NO. 02C908676		
UNIT NUMBER	MAKE	MODEL	DOC.DAT 05-16-19	METER READING	MACHINE ID NO.
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

PARTS SALES PERSON:

227	456-8470	*HOSE BK	S
1	497-8283	COUPLING AS	S
2	4J-0520	*SEAL-O-RING	S
1	497-8295	COUPLING AS	S
215	206-2726	*CM GUARD	S
TOTAL PARTS			
HOSE LABOR NOTX			
TOTAL MISC CHARGES			
N D STATE TAX			
BISMARCK CITY TAX			
BURLEIGH COUNTY TAX			

BUILD HOSE TO MATCH
CUT LENGTH 227.0 CM
ARMOUR CUT LENGTH 215.0 CM

 **COPY**

Please Pay This Amount	▶	\$359.84
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STORE	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE	INVOICE NUMBER	PAGE
02			5-16-19		1 of 1
SHIP VIA		DOC. DATE		REFERENCE NO.	
		05-15-19		02C908503	
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
		290 CLARK			
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

PARTS SALES PERSON:

88	456-8469	*HOSE BK	S
2	432-2028	COUPLING AS-	S
78	206-2724	*CM GUARD	S
1		TOTAL PARTS	
		HOSE LABOR NOTX	
		TOTAL MISC CHARGES	

BUILD HOSE TO MATCH
CUT LENGTH 88.0 CM
ARMOUR CUT AT 78.0 CM

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\$118.03

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STORE	CUSTOMER NUMBER	YOUR ORDER NUMBER	INVOICE DATE	INVOICE NUMBER	PAGE
02			04-26-19		1 of 1
SHIP VIA			DOC.DATE	REFERENCE NO.	
			04-25-19	0264377	
UNIT NUMBER	MAKE	MODEL	SERIAL NUMBER	METER READING	MACHINE ID NO.
	XX	830MB	41E01048		
QUANTITY	PART NUMBER	N/R	DESCRIPTION	UNIT PRICE	EXTENDED PRICE

WORK PERFORMED AT :

CLEAN & INSPECT CYLINDER HEAD (BARE)

COMPLAINT: CLEAN AND INSPECT CYLINDER HEAD.

CORRECTION: STARTED TO CLEAN THE BOTTOM OF THE

CYLINDER HEAD TO CHECK FOR CRACKS. CLEANED

BETWEEN THE VALVES. INSPECTED THE HEAD AND FOUND

CRACKS IN BETWEEN THE VALVES ON 3 CYLINDERS.

MARKED THE CRACKS AND SET HEAD BACK ON PALLET FOR
CUSTOMER PICKUP.

F/R LBR

SEGMENT 01 TOTAL
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\$135.00