

D COUNTRY MACHINERY, LLC.

4718 Sergeant Road
Waterloo, IA 50701
319-234-8710

www.midcountry.com

SAME AS BELOW

Ship To:

Invoice To:

Vieth Construction Corp
6419 Nordic Dr
Cedar Falls IA 50613

Branch		WATERLOO	
Date	Time	Page	
04/11/25	11:52:35 (Q)	01	
Account No.	Phone No.	Invoice No.	
VIETH001	3192771006	W17175	
Ship Via		Purchase Order	
		Salesperson	088

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
BEL06	BELL 2015 B30E ART B30E	4080 B93A631EE02007105 935912C0025928		

SEGMENT# 1 C 166 NA 12/05/24 12/09/24 03/31/25
SEAT SHOCK/ COOLANT LEAK / WHEEL SEAL

CORRECTION:
01/03/25 TB

DRAINED FRONT AXLE. BLOCKED UP FRONT AXLE, TOOK TIRES AND PLANETARIES OFF. STARTED CHANGING AIR BAG WE ORDERED FOR SEAT. ONCE I GOT SEAT OUT, I REALIZED SOMETHING WAS WRONG. GOT PARTS BREAKDOWN OF SEAT, FOUND IS BROKEN AND ENTIRE SHOCK ASSEMBLY IS MISSING. TRIED TO GET SEAT BREAKDOWN, FOUND VERY FEW PARTS ARE SERVICEABLE. UNFORTUNATELY, IT NEEDS A SEAT ASSY. CLEANED CAB WHILE SEAT WAS OUT. REMOVED R/F BRAKE ASSEMBLY AND THEN STARTED TO TAKE SEPARATE STEELS & FIBERS. FINISHED TAKING APART FRONT AXLE, CLEANED REAR DIFF TO FIGURE OUT WHERE IT'S LEAKING. DRAINED REAR DIFFERENTIAL. JACKED UP THE REAR AXLE AND START TAKING OFF TIRES. IDENTIFIED LEAKING AROUND REAR PINION. BRAKES PRESSURE IS CAUSING IT TO BUILD PRESSURE. TOOK ALUMINUM FRONT BRAKE HOUSING DOWN TO HOLMES FOR OPINION ON REPAIR. NEARLY ALL THE HOLES WERE STRIPPED OUT. HE IS RECOMMENDING FOR US TO DRILL OUT, AND HELICOIL THEM. START CLEANING PARTS FOR L/H SIDE I HAD APART. FINISH CLEANING ALL FRONT DIFF PARTS AND STAGED ON CLEAN CARDBOARD, WAITING NEW PARTS FROM BELL. INSTALLED NEW SEAT THAT WAS HERE. REMOVED REAR

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FRESH.

PUT SEALS IN TWO OF THE PISTONS AND STARTED TO CLEAN THE LAST PISTON. TESTED BRAKE TO MAKE SURE IT HOLDS PRESSURE. SEALED THE BACKING PLATE AND TORQUED DOWN. INSTALLED L/F BRAKE ASSEMBLY AND TORQUED DOWN. NOW IT IS READY TO APPLY SILICONE AND TORQUE DOWN THE BACKING PLATE IN THE MORNING. CLEAN UP WHERE DUO CONE SEALS SITS AND INSTALLED WITH ISOPROPYL ALCOHOL. INSTALLED PLANETARY HOUSING AND TORQUED STUB SHAFT NUT. PULLED REAR DIFF OUT. CLEANED UP. RESEALED AND PUT BACK TOGETHER. INSTALLED AND SEALED R/F PLANETARIES. CLEANED UP AND INSTALLED DUO CONE SEALS AND TORQUED. GOT FR TIRE ON AND L/F FINAL TOGETHER. CLEANED AND RE-BUILT REAR AXLE BRAKES AND HOUSINGS AND SEALED UP. INSTALLED REAR BRAKE HOUSINGS. CLEANED UP DUAL CONE SEAL AREAS ON REAR AXLE. INSTALLED DUO CONES. INSTALLED PLANETARY HOUSINGS AND TORQUED DOWN. INSTALLED REAR LINES ON AXLE. REINSTALLED REAR DRIVE SHAFT. DRAINED CENTER AXLE

JOHN DEERE COUNTRY MACHINERY, LLC.

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UP. TOOK OUT AND DROVE AROUND FOR 45 MIN. WASHED OFF AND
BROUGHT INTO SHOP TO SETTLE OILS OVER WEEKEND. RECHECKED
ALL FLUIDS.
CHECKED AUTO GREASER TURNED UP TO RUN EVERY 2HRS INSTEAD OF
EVERY 6 AND TO PUMP FOR 14 MIN INSTEAD OF 6 MIN. HELPED
LOAD ON TRAILER.

DONE	1	5423.10	SEAT, OPERATOR	1	5423.10
BN076173	6	70.11	INEND FREIGHT	6	420.6
IFRT	1	2.00	HARDWARE	1	2.00
OP06820587	1	341.56	BEARING, TAPERED	1	341.56
150069BEQ	3	33.79	PLUG	3	101.3
207660	4	877.68	SEAL	4	3510.4
208397	3	42.11	FILTER AXLE/TRA	3	126.3
222219	1	600.27	SHOCK SEAT	1	600.27
227999	1	229.56	SPRING, AIR	1	229.56
278082	1	224.46	HEIGHT ADJ LH	1	224.46
278090	1	552.20	HELI COIL, M20	1	552.20
4DC18	6	22.16	ADDITIVE	6	132.9
402508	4	1724.22	BRAKE PISTON	4	6896.8
701175/20	120	6.71	80W90 QT GEAR L	120	805.3
8090			PARTS		19367.1
			LABOR		10650.1
			SEGMENT TOTAL==>		30017.1

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