

Date	11/17/15
Customer #	3481-0
Invoice #	W 49490
Branch	3
Amount Due/Credit	\$12250.65

Remit Payment To:

GOETZ EXCAVATING LLC
W4996 CARLYLE RD
NEILLSVILLE WI 54456-5916

000044

☐ CHECK HERE AND FILL OUT THE BACK IF YOUR CONTACT INFO NEEDS UPDATING. PLEASE DETACH AND RETURN THIS TOP PORTION WITH YOUR PAYMENT

SHIP TO CUSTOMER: GOETZ EXCAVATING LLC INVOICE #: W 49490
FABICK WI OR A PARTS DROP INVOICE DATE: 11/17/15
EAU CLAIRE WI BRANCH: 3

Amount Due: **\$12250.65**

MAKE MODEL:	CAT-D5M	CUST. P.O. NO:	SHIPPING DATE:	11-17-15
SERIAL NO.:	3CR00919	TERMS:	CHARGE	SHIP VIA: WILL CALL03
HOURS / MILES:	9994	SALES TAX:	85	FLEET NO.:
ENG M / M:		ENG S / N:	85	
REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
	*MACHINE			
	*INSPECT			
	Segment 301 Subtotal			0.00
	*MACHINE/ENGINE PACKAGE			
	*CLEAN			
	Segment 302 Subtotal			0.00
	*HYDRAULIC SYSTEM			
	*TROUBLESHOOT			
1003566	PISTON DETEN	1.0	30.01	30.01
1121869	BUSHING	1.0	16.76	16.76
1265984	BACKUP RING	2.0	3.78	7.56
1265985	BACKUP RING	2.0	3.85	7.70
1282776	GASKET	1.0	4.97	4.97
1952139	SEAL-O-RING	6.0	1.41	8.46
1B0676	PIN	7.0	1.81	12.67
1P7363	SEAL	2.0	1.28	2.56
3B4615	COTTER PIN	12.0	0.05	0.60
3B4617	COTTER PIN	1.0	0.05	0.05
3B8489	FITTING	1.0	1.39	1.39
3J7354	SEAL O RING	2.0	0.93	1.86
			PAY THIS AMOUNT	\$12250.65
			CREDIT AMOUNT	

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REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
4B9782	BALL	1.0	0.38	0.38
4D9986	SEAL	16.0	1.44	23.04
4J5140	SEAL O RING	8.0	1.50	12.00
4J5267	SEAL-O-RING	8.0	1.82	14.56
4T2723	SHIM	12.0	1.38	16.56
4T4524	GUARD	1.0	8.36	8.36
4T7807	RING	2.0	1.03	2.06
5B9318	BALL	7.0	0.29	2.03
5P9209	BEARING	14.0	9.81	137.34
6E4954	VALVE GP	1.0	1445.06	1445.06
6V7744	LOCKNUT	1.0	1.10	1.10
6V9189	LOCKNUT	1.0	0.56	0.56
7J0204	SEAL O RING	2.0	0.87	1.74
7X7662	ROD END	1.0	16.87	16.87
7X7915	ROD END	4.0	17.10	68.40
8F0212	SEAL O RING	1.0	1.36	1.36
8L6557	ADAPTER	1.0	2.42	2.42
8T2360	SEAL O RING	2.0	1.22	2.44
8T2361	SEAL O RING	2.0	1.26	2.52
8T4766	ROD END	1.0	23.17	23.17
8T6431	ROD END	1.0	22.03	22.03
HYDO-ADV	ADVANCED HYDRALIC OIL	0.9	19.93	17.14
	FREIGHT			136.96
	FREIGHT			27.08
	Labor			1479.60
Segment 303 Subtotal				3559.37
	*TRANSM HYD CONTROL VALVE			
	*TROUBLESHOOT			
	Labor			680.40
Segment 304 Subtotal				680.40
	*RIGHT ANGLE CYL			
	*REPAIR			
1245741	PIN	1.0	65.15	65.15
2692728	CYL GP-0090-	1.0	3415.01	3415.01
3G8932	PIN	1.0	46.68	46.68
4T0231	RETAINER	1.0	27.59	27.59
7P6711	WASHER	4.0	6.94	27.76
8G5747	SPACER	4.0	14.15	56.60
8T4223	WASHER	1.0	0.49	0.49
8T4956	BOLT	1.0	1.02	1.02
	FREIGHT			6.46
	Labor			600.00
Segment 305 Subtotal				4246.76
	*MILEAGE & EXPENSE			
	*TRAVEL TO/FROM			

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REFERENCE NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
	MILEAGE			227.70
	Segment 306 Subtotal			227.70
	*STEERING SYSTEM			
	*FIELD SVC T/S			
	*Guaranteed Price Lbr Only			1800.00
1189674	ROD-END	1.0	17.70	17.70
1253401	CONTROL GP	1.0	59.72	59.72
1339405	SWITCH AS	1.0	64.55	64.55
3J1907	SEAL	1.0	1.03	1.03
4F7952	SEAL	6.0	2.39	14.34
5P7466	CLIP	1.0	8.40	8.40
5P7467	CLIP	1.0	7.28	7.28
5P8112	GROMMET	1.0	21.30	21.30
6E0772	VALVE GP	2.0	341.60	683.20
6V0852	CAP	1.0	4.75	4.75
6V3965	NIPPLE A	1.0	19.35	19.35
7J9108	SEAL	2.0	1.18	2.36
8T4183	BOLT	1.0	1.17	1.17
8T4223	WASHER	1.0	0.49	0.49
8T4244	NUT	1.0	0.45	0.45
8T6431	ROD END	1.0	22.03	22.03
9X2375	IN HOSE STK	73.4	0.37	27.16
9X3883	COUPLING	2.0	12.65	25.30
NOSKIVE	NOSKIVE HOSE BUILD LABOR	1.0	20.00	20.00
	FREIGHT			5.98
	Segment 307 Subtotal			2806.56
	HRDWARE/SUPPLY/ENVIRONMENT CHG			91.20
	WIS & EAU CLAIRE CTY SALES TAX			638.66

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Complaint: Right angle is sticking open.

Cause: Something went through angle valve spool leaving a burr causing valve to stick open.

Correction: 2167- Removed control valve from machine and disassembled.

Found that something had gone through the angle spool leaving a burr on spool. Cleaned out valve section and had a piece of metal come out of valve. Cleaned out the rest of valve and installed seals as needed. The detent on the blade float was worn out.

Ordered new balls and barrel. The control linkages were also worn and the needle bearings were bad. Removed control and linkage replaced all bearings and worn rod ends. Also replaced worn pins. Adjusted linkage to center hand control reinstalled panels and topped off hyd oil. Ran machine every thing worked properly. Returned parts and cleaned up work area.

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