



901 West 94th Street
Minneapolis MN 55420-4236



Minnesota 800-352-2812
Iowa 800-342-7002
Missouri 800-342-7002
Wisconsin 800-342-7002

Service Invoice

Invoice SI000364874
Date 8/1/2023
Call Number SC00351887
Location New Hampton
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Sold to: MACHINE INVENTORY ADD TO BV - AGRI
ATTN: CORP MACHINE INVENTORY ACCOUNTANT
901 W 94TH ST
MINNEAPOLIS, MN 55420-4236

Ship to 1819 MCCLOUD AVE
NEW HAMPTON, IA 50659-9303

Invoice Account

I002845

Payment

Internal - No Payment

Due Date

8/1/2023

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485.00

Summary

Parts	6,388.42
Labor	7,993.00
Misc	2,096.40

Parts, Labor and Misc 16,477.82

Flat Rate Total 0.00

Subtotal 16,477.82

Shop Supplies and
Environmental Fees 488.10

Subtotal 16,965.92

Sales Tax 0.00

Total \$ 16,965.92

MACHINE INVENTORY ADD TO BV - AGRI
ATTN: CORP MACHINE INVENTORY
ACCOUNTANT
901 W 94TH ST
MINNEAPOLIS, MN 55420-4236

Please Remit to:

Ziegler Inc.
SDS 12-0436
PO BOX 86
MINNEAPOLIS, MN 55486-0436

Invoice SI000364874
Date 8/1/2023
Account I002845

Amount Due: **\$16,965.92**

Amount Enclosed:

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SC00351887-001 Replace - Battery Customer complaint: Tractor did not start Resultant damage: The corrosion rotted off the fuses and the diode Cause of failure: Corrosion in the rear fuse block Repair process comments: Removed batteries. In the process, all cable clamp bolts broke. Replaced them all. Installed new batteries. On the fuse block, the pins were removed and replaced in the same order, new sealing plugs were also installed to replace the ones that were missing.				
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
4.00	Parts	1152422	Battery	243.91	975.64
8.00	Parts	1M6120	Nut	0.31	2.48
8.00	Parts	1M6119	Bolt	3.86	30.88
15.00	Parts	AG519290 - 200	SOCKET TERMINAL-20-1	0.24	3.60
30.00	Parts	AG515766 - 200	SEALING PLUG-.19IN X	1.57	47.10
5.00	Parts	CH173-8914 - 200	SOCKET-12-14 AWG	0.26	1.30
15.00	Parts	700733651 - 200	TERMINAL-FEMALE	1.21	18.15
1.00	Parts	551697D1 - 200	DIODE-6A	32.39	32.39
3.00	Parts	527647D1 - 200	FUSE PANEL-35A,FUSE	13.15	39.45
	Labor		Labor		306.00

SC00351887-001 Replace - Battery			Parts	1,150.99
			Labor	306.00
			Misc	
			Segment Subtotal:	1,456.99

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SC00351887-002 Perform - Prevent Maint. Inspection Customer complaint: Perform PMI. Repair process comments: Performed PMI. Took and sent off samples for fluid analysis. Quoted machine up for repairs. Made used ag department aware of inspection and quote. Got some stuff approved. Other segments will be made for repairs. Task complete.				
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
			Labor		
4.00	Misc	SAM	SOS - Oil Sample		

				Parts	
SC00351887-002 Perform - Prevent Maint. Inspection				Labor	275.00
				Misc	100.00
				Segment Subtotal:	375.00

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SC00351887-004 Repair - Undercarriage

Customer complaint: Bogie assembly lost a couple bearings causing the bogie shaft to ride on a bogie hub, this caused the shaft and hub to get scored up. Repair that bogie assembly.

Resultant damage: Bogie wheel hub bearings.

Cause of failure: Improper/Insufficient lubrication

Repair process comments: Jacked tractor up. Verified bogie assembly was scored up. Detensioned tracks. Removed that bogie assembly from the track undercarriage. Removed bogie hub caps. Pulled bogie wheels from hubs. Pulled what bearings were left over from hubs out. Removed bogie hubs from bogie shaft. Had to heat bogie assembly to remove bogie shaft. Removed bogie shaft. Froze the new bogie shaft to install it in bogie assembly. Installed new bogie shaft into assembly. Installed new bearings and races into the hubs. Installed new hubs onto shaft. Installed all new hardware. Filled hubs up to the correct level with the correct oil. Installed bogie wheels onto the hubs. Installed bogie assembly back onto the track undercarriage. Tensioned tracks. Ran machine. Aligned tracks. Verified correct operation and no leaks. All fasteners/hardware was installed and torqued to spec. Task complete.

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	516270D1 - 200	AXLE	369.31	369.31
2.00	Parts	CH5P-9651 - 200	BEARING CONE	25.99	51.98
2.00	Parts	CH5P-9652 - 200	BEARING CUP-19.05MM	16.99	33.98
2.00	Parts	CH6S-6031 - 200	BEARING CUP-20.193MM	14.99	29.98
2.00	Parts	CH6S-6032 - 200	BEARING CONE	22.95	45.90
2.00	Parts	CH215-9463 - 200	GASKET-125MM DIA X .	3.89	7.78
1.00	Parts	556396D1 - 200	HUB CAP-MIDROLLER	35.70	35.70
1.00	Parts	CH148-8395 - 200	HEX SCKT HD PLUG-1/2	2.02	2.02
1.00	Parts	555642D1 - 200	SIGHT PLUG-3/4"-16,	30.00	30.00
1.00	Parts	3K0360	Seal	1.43	1.43
2.00	Parts	N12810 - 200	LOCKNUT	17.99	35.98
2.00	Parts	579845D1 - 200	SEAL KIT-92MM OD	103.95	207.90
2.00	Parts	154-8264 - 200	BEARING RETAINER-X 5	162.95	325.90
2.00	Parts	400075X1 - 200	FLAT WASHER-X 40,46-	3.99	7.98
2.00	Parts	CH1N-5970 - 200	LOCK WASHER-X 40,5-6	10.59	21.18
1.00	Parts	127-9561 - 200	WHEEL HUB	285.29	285.29
5.00	Parts	402579X1 - 200	HEX. FLANGE BOLT-M8	3.29	16.45
	Labor		Labor		

SC00351887-004 Repair - Undercarriage

Parts	1,508.76
Labor	2,448.00
Misc	
Segment Subtotal:	3,956.76

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SC00351887-005 Replace - Mirror Customer complaint: Replace broken mirror Resultant damage: Mirror Repair process comments: Removed and replaced broken mirror, verified correct mirror operation, task complete.				
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	206-0579 - 200	SIDE MIRROR-214MM X	278.00	278.00
	Labor		Labor		

SC00351887-005 Replace - Mirror				Parts	278.00
				Labor	306.00
				Misc	
				Segment Subtotal:	584.00

SC00351887-009 Repair - Window Washer Tank Customer complaint: Replace broken windshield washer fluid tank, and both wiper blades. Repair process comments: Replaced both wiper blades. Removed and replaced the windshield washer fluid reservoir. Put fluid in tank to verify correct operation. Went to verify correct operation of the washer system, but the rear wiper arm wouldn't spray fluid out of its jet. Pulled line off wiper arm and fluid would spray out of that. This machine didn't have a jet kit offered, so I ended up replacing the wiper arm. Fluid would now spray out of wiper arm. Verified correct windshield washer operation and no leaks. Task complete.				
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	501688D1 - 200	WIPER BLADE	72.98	72.98
1.00	Parts	CH134-1935 - 200	WIPER BLADE	59.46	59.46
1.00	Parts	CH208-9635 - 200	RESERVOIR	196.00	196.00
1.00	Parts	501604D1 - 200	WIPER ARM	124.00	124.00
	Labor		Labor		

SC00351887-009 Repair - Window Washer Tank				Parts	452.44
				Labor	459.00
				Misc	
				Segment Subtotal:	911.44

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SC00351887-011 Repair - Light(S) Customer complaint: Installed missing beacon light. Replace blinker light that is inop. Cause of failure: Broken blinker light. Repair process comments: Installed new beacon light. Replaced blinker light that was inop. Ran machine. Verified correct operation for both lights. Task complete.				
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	155-0027 - 200	TURN SIGNAL LAMP	78.68	78.68
3.00	Parts	402161X1 - 200	SCREW-M6 X 1.0 X 30M	0.49	1.47
1.00	Parts	536324D1 - 200	BEACON LAMP	202.42	202.42
3.00	Parts	CH201-9692 - 200	SCREW RETAINER	1.80	5.40
	Labor		Labor		

SC00351887-011 Repair - Light(S)				Parts	287.97
				Labor	459.00
				Misc	
				Segment Subtotal:	746.97

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SC00351887-012 Repair - Cab Customer complaint: Seat will not air up. Diagnose and repair. Cause of failure: Air hose unhooked. Repair process comments: Verified seat would not air up. Switch would engage the air compressor. but seat would not air up. Took apart the armrest before potentially pulling the seat out to diagnose. Found an air hose unhooked from the switch in the armrest causing all of the air to leak out. Refastened that air hose to the switch. Aired up seat. Verified correct seat operation, a good connection from the hose at the switch, and no leaks. Put the armrest back together. Verified correct operation and no leaks again. Task complete.				
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
	Labor		Labor		160.00
SC00351887-012 Repair - Cab				Parts	
				Labor	160.00
				Misc	
				Segment Subtotal:	160.00

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SI000364874	8/1/2023	SC00351887	New Hampton	8 / 9

SC00351887-003 Perform - Maintenance

Customer complaint: Perform whole machine service.

Repair process comments: Performed whole machine service. Ran machine. Verified correct fluid levels and no leaks. All fasteners/hardware was torqued to spec. Task complete.

Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	V837079423 - 200	DEF FILTER	62.87	62.87
1.00	Parts	570072D1 - 200	AIR FILTER-65.4MM X	94.63	94.63
1.00	Parts	501153D1 - 200	AIR FILTER	36.56	36.56
3.00	Parts	534039D1 - 200	FILTER ELEMENT	103.65	310.95
1.00	Parts	501771D1 - 200	ELEMENT	17.95	17.95
1.00	Parts	565825D1 - 200	AIR FITR.ELEMENT	223.44	223.44
1.00	Parts	V837091117 - 200	FUEL FILTER KIT	147.44	147.44
1.00	Parts	V837081555 - 200	ENG OIL FILTER	118.70	118.70
1.00	Parts	565812D1 - 200	BELT-1917MM 8PK	70.80	70.80
2.00	Parts	PRIM92006 - 148	-20 Washer Fluid	3.18	6.36
3.00	Parts	79035353 - 200	OIL-15W40CK4 5G	111.91	335.73
2.00	Parts	79034867 - 200	OIL-SAE 50 1G	46.99	93.98
3.00	Parts	ACP0313850 - 200	COOLANT-EXTENDED LIF	31.77	95.31
1.00	Parts	578629D1 - 200	FAN BELT-1760MM 12PK	58.60	58.60
2.00	Parts	79037112 - 200	OIL-15W40CK4 1G	25.81	51.62
1.00	Parts	CH5R-5676 - 200	DUST PLUG-18.3MM OD,	6.59	6.59
1.00	Parts	8M4437	Seal O Rin	2.43	2.43
	Labor		Labor		2,620.00
70.00	Misc	CA2	AGCO 821XL GAL	28.52	1,996.40

SC00351887-003 Perform - Maintenance

Parts	1,733.96
Labor	2,620.00
Misc	1,996.40
Segment Subtotal:	6,350.36

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SI000364874	8/1/2023	SC00351887	New Hampton	9 / 9

SC00351887-013 Repair - Hood Customer complaint: Repair broken hood panel and hood lid Resultant damage: Hood panel and lid Repair process comments: Removed and replaced hood panel, installed hinge and latch on to hood lid and installed hood lid assembly. Verified correct hood and lid operation. Task complete.				
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Customer PO	Customer EQ	Model	Serial Number	Equipment ID	Segment SMU
		MT865E	AGCC0865PFNKG1114	EQ0087000	1,485
Quantity	Type	Part Number	Description	Unit Price	Amount
1.00	Parts	196-6954 - 200	PANEL	623.00	623.00
2.00	Parts	CH8T-0285 - 200	SCREW-M4 X 0.7 X 12M	2.15	4.30
1.00	Parts	190-5942 - 200	LID	230.00	230.00
1.00	Parts	208-9496 - 200	LATCH	119.00	119.00
	Labor		Labor		

SC00351887-013 Repair - Hood			Parts	976.30
			Labor	960.00
			Misc	
			Segment Subtotal:	1,936.30