Box 1407 Crossfield AB T0M 0S0 403-669-4351

shiertech2016@gmail.com

GST Registration No.: 785814096RT0001



INVOICE

BILL TO

INVOICE DATE TERMS 6952 03/10/2025 Due on receipt

 HOURS
 MODEL
 SERIAL NUMBER

 2015 ENG 1503 SEP
 \$680
 1H0S680SKC0747106

DESCRIPTION	QTY	RATE	AMOUNT
SERVICE CALL	5.30	145.00	768.50
PRESEASON COMBINE INSPECTION	1	725.00	725.00
REPAIR COMBINE Replaced hydraulic, transmission and main engine gear case oil filters Blew out cab air filter Replaced clean grain tank light Replaced middle lower right shoe auger bearing Replaced both right upper shoe auger bearings Replaced right show auger drive shaft bearing Replaced shoe auger bevel gear shaft keys Replaced forward counter shaft drive belts Replaced oil in primary counter shaft gear case. H460 oil Replaced unloading auger drive chain and upper support Replaced back shaft locking collar/tone wheel Replaced feeder house drive chain Replaced active tailings drive chain Replaced feeder chain Replaced inner cleaning fan drive sheave Replaced clean grain elevator chain Adjusted tailings elevator chain Replaced missing hardware on alternator bracket Topped up oil in clean grain loading auger gear casa Leveled concave Adjusted all belts and chain	11	145.00	1,595.00
AXE39453 - BEARING	1	74.28	74.28
JD8554 - ECCENTRIC	1	14.86	14.86
AH128449 - HYDRAULIC OIL FILTER	2	153.21	306.42
3962 - EHC FILTER	6	1.25	7.50
DZ112918 - FILTER	1	245.52	245.52
DZ130550 - FILTER	1	241.64	241.64
AXE12964 - HYDRAULIC OIL RESERVOIR FILTER	1	184.71	184.71

AN207368 - HYDRAULIC OIL FILTER ELEMENT		1	202.75	202.75
N309233 - O RING		1	37.84	37.84
AH129451 - BALL BEARING		1	86.39	86.39
AH129452 - ECCENTRIC		1	28.47	28.47
M48583 - SHAFT KEY		4	16.97	67.88
34H286 - SPRING		1	2.30	2.30
34H119 - SPRING		1	2.76	2.76
AXE39453 - BEARING		1	83.65	83.65
JD8554 - ECCENTRIC		3	14.86	44.58
AH163056 - BEARING		2	110.03	220.06
AH150678 - BELT SET		1	274.96	274.96
AXE24307 - ROLLER		1	3,532.82	3,532.82
AH220541 - CHAIN LINK		3	28.66	85.98
AXE72667 - ROLLER		1	1,379.37	1,379.37
HXE111854 - SUPPORT		1	164.18	164.18
H234587 - GUIDE		1	70.21	70.21
AXE18703 - WHEEL		1	185.94	185.94
H161051 - PULLEY		1	854.95	854.95
19M7868 - SCREW		2	3.60	7.20
KK54762 - LOCK NUT		2	1.62	3.24
AH207789 - FLOODLAMP		1	174.64	174.64
50 ROLLER CHAIN		7	19.05	133.35
50 CONNECTOR LINK		1	4.02	4.02
60H Chain		12	28.00	336.00
60H Chain Link		1	4.50	4.50
80 CHAIN		16.50	40.22	663.63
80 CHAIN CONNECTOR LINK		1	5.50	5.50
TY26408 HD460 SYNTHETIC GEAR OIL		1.50	44.89	67.34
80W90 GEAR OIL		1.50	13.01	19.52
SHOP SUPPLIES 5% OF TOTAL TO MAX OF \$100		1	100.00	100.00
PLEASE NOTE - There is a 2% interest	SUBTOTAL			13,007.46
charge after 14 days on overdue invoices. An additional 2% per month will be added for any outstanding payments past 30 days.	GST @ 5%			650.40
	TOTAL			13,657.86
	BALANCE DUE			\$13,657.86

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INVOICE

BILL TO

 INVOICE
 6589

 DATE
 22/07/2025

 TERMS
 Due on receipt

 HOURS
 MODEL
 SERIAL NUMBER

 1871 ENG 1390 SEP
 \$680
 1H0S680SKC0747106

DESCRIPTION		QTY	RATE	AMOUNT
SERVICE CALL		1	145.00	145.00
REPAIR ROTOR DRIVE The rotor drive housing on the MEG was leaking Removed housing Replaced rotor drive housing seals Rotor belt cracked badly replaced belt Topped up main engine gearcase oil 2L hydraulic oil		5.40	145.00	783.00
HXE147321 - V BELT		1	1,529.30	1,529.30
HYDRAULIC OIL		2	8.66	17.32
SHOP SUPPLIES 5% OF TOTAL TO MAX OF \$100		1	100.00	100.00
PLEASE NOTE - There is a 2% interest	SUBTOTAL			2,574.62
charge after 14 days on overdue invoices. An additional 2% per month will be added for any outstanding payments past 30 days.	GST @ 5%			128.74
	TOTAL			2,703.36
	PAYMENT			2,703.36
	BALANCE DUE			\$0.00 PAID

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GST Registration No.: 785814096RT0001



INVOICE



INVOICE DATE TERMS

5721 02/08/2024 Due on receipt

 HOURS
 MODEL
 SERIAL NUMBER

 1714
 \$680
 1H0\$680\$KC0747106

DESCRIPTION	QTY	RATE	AMOUNT
SERVICE CALL	3.40	145.00	493.00
PRESEASON COMBINE INSPECTION	1	725.00	725.00
REPAIR COMBINE Repaired unloading auger spout Replaced left upper tailings cross auger bearing Calibrated separator vanes Replaced oil in primary counter shaft gear case Replaced shoe drive belt Replaced lower hardware on alternator bracket Replaced active tailings drive chain Replaced active tailings belt tightener pivot Replaced rotary screen drive belt. Engine side Replaced thrashing elements Leveled concave Adjusted clean grain and tailings elevator chains Repaired electrical to rotor pressure sensor	5	145.00	725.00
TY26408 HD460 SYNTHETIC GEAR OIL	1.50	44.89	67.34
50 CONNECTOR LINK	1	4.02	4.02
50 ROLLER CHAIN	7	19.05	133.35
AH168161 - BALL BEARING	1	92.81	92.81
AH129452 - ECCENTRIC	1	27.38	27.38
HXE82335 - V BELT	1	332.85	332.85
19M7868 - SCREW	2	4.57	9.14
KK54762 - LOCK NUT	2	1.44	2.88
H129207 - PIVOT	1	9.19	9.19
H238867 - V BELT	1	55.06	55.06
KXE10034 - THRESHING	5	898.39	4,491.95

100.00	1 100.00		SHOP SUPPLIES 5% OF TOTAL TO MAX OF \$100
7,268.97		SUBTOTAL	Please be advised there is a 2% interest
363.45		GST @ 5%	charge after 14 days on overdue invoices. *Multiple methods of payment accepted*
7,632.42		TOTAL	
7,632.42		PAYMENT	
\$0.00 PAID		BALANCE DUE	

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omorteon20 ro@gmaii.com

GST Registration No.: 785814096RT0001



INVOICE



INVOICE DATE TERMS

5856 11/09/2024 Due on receipt

 HOURS
 MODEL
 SERIAL NUMBER

 1825
 \$680
 1H0\$680\$KC0747106

DESCRIPTION		QTY	RATE	AMOUNT
SERVICE CALL		1.80	145.00	261.00
REPAIR VIBRATION There was a vibration in the primary counter shaft gear Decided to replace the counter shaft Removed the pulleys from the shaft and removed the Installed the new shaft and bearing Installed the pulleys removed and the belts Found that the driven sheave on the cleaning fan was Replaced the worn sheave Ran the separator and found that there was no longer	shaft s worn	2.90	145.00	420.50
HXE134521 - SHAFT		1	1,699.14	1,699.14
AH213902 - BEARING		1	509.45	509.45
26H105 - SHAFT KEY		2	11.51	23.02
H148132 - BUSHING		4	40.41	161.64
HXE15594 - V BELT		1	190.03	190.03
AH233509 - SHEAVE		1	477.65	477.65
SHOP SUPPLIES 5% OF TOTAL TO MAX OF \$100		1	100.00	100.00
Please be advised there is a 2% interest	SUBTOTAL			3,842.43
charge after 14 days on overdue invoices. *Multiple methods of payment accepted*	GST @ 5%			192.12
	TOTAL			4,034.55
	PAYMENT			4,034.55
	BALANCE DUE			\$0.00 PAID

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GST Registration No.: 785814096RT0001



INVOICE

 BILL TO
 INVOICE
 4637

 DATE
 05/07/2023

 TERMS
 Due on receipt

 HOURS
 MODEL
 SERIAL NUMBER

 1552 eng 1153 sep
 \$680
 1H0S680SKC0747106

DESCRIPTION	QTY	RATE	AMOUNT
REPAIR COMBINE Removed tail board and chopper Installed redekop chopper and tail board Installed electric actuators and controller Calibrated and tested the operation Replaced rear counter shaft tightener cotter pin Replaced shoe drive belt tightener and cotter pin Replaced left active tailings cross auger bearing Replaced oil in primary counter shaft gear case Replaced lower feeder house bent tightener bracket Replaced feeder house drive chain Replaced active tailings drive chain. Tightened clean grain and tailings elevator chains Replaced alternator bracket Cleaned cab air filter Leveled concave Tightened all belts and chains	16.20	130.00	2,106.00
SERVICE CALL	5.20	130.00	676.00
PRESEASON COMBINE INSPECTION	1	725.00	725.00
CHOPPER	1	26,681.50	26,681.50
11M7028 - COTTER PIN	1	1.80	1.80
11M7021 - COTTER PIN	1	1.45	1.45
24M7047 - WASHER	1	3.03	3.03
AH163830 - ARM	1	220.85	220.85
AXE59484 - ARM	1	312.18	312.18
HXE149943 - BRACKET	1	134.83	134.83
60H Chain	12	18.00	216.00
50 ROLLER CHAIN	7.50	19.55	146.63
50 CONNECTOR LINK	1	2.81	2.81

60H Chain Link		1	4.50	4.50
A-OL60H 60H HALF LINK		1	8.89	8.89
TY26408 HD460 SYNTHETIC GEAR OIL		1.50	41.31	61.97
AH168161 - BALL BEARING		1	97.48	97.48
AH129452 - ECCENTRIC		1	26.62	26.62
SHOP SUPPLIES 5% OF TOTAL TO MAX OF \$100		1	100.00	100.00
Please be advised there is a 2% interest	SUBTOTAL			31,527.54
charge after 14 days on overdue invoices. ** WE NOW ACCEPT ALL MAJOR CREDIT CARDS**	GST @ 5%			1,576.37
	TOTAL			33,103.91
	PAYMENT			33,103.91
	BALANCE DUE			\$0.00 PAID

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GST Registration No.: 785814096RT0001



INVOICE



 INVOICE
 3975

 DATE
 28/09/2022

 TERMS
 Due on receipt

 HOURS
 MODEL
 SERIAL NUMBER

 1539 eng
 1145 sep
 \$680
 1H0\$680\$KC0747106

DESCRIPTION		QTY	RATE	AMOUNT
SERVICE CALL		1.20	120.00	144.00
REPLACE BELT The upper chopper jack shaft drive belt was comi Removed the main engine gear case pump and t Removed the chopper drive belt Installed the new belt and tightened to spec Installed the main engine gear case pump and the	he shields from the belt	2	120.00	240.00
Please be advised there is a 2% interest	SUBTOTAL			384.00
charge after 14 days on overdue invoices.	GST @ 5%			19.20
	TOTAL			403.20
	PAYMENT			403.20
	BALANCE DUE			\$0.00 PAID

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GST Registration No.: 785814096RT0001



INVOICE



 INVOICE
 3759

 DATE
 09/08/2022

 TERMS
 Due on receipt

 HOURS
 MODEL
 SERIAL NUMBER

 1382
 \$680
 1H0\$680\$KC747106

DESCRIPTION	QTY	RATE	AMOUNT
PRESEASON COMBINE INSPECTION	1	725.00	725.00
REPAIR COMBINE Replaced right cleaning fan bearing Replaced both upper right shoe auger bearing Replaced rotary screen jackshaft bearings and shaft Replaced plastic guide on upper feeder house tightener Adjusted lower feeder house pivot Removed feeder house Replaced feeder house top sprockets Replaced plastic wear strips in feeder house Replaced rotor bearing Installed feeder house Replaced inner fan drive sheave Replaced tailings drive chain Replaced engine vacuum drive belt Replaced stationary chopper knifes Calibrated chaffer Calibrated separator vanes Leveled concave Replaced hydraulic main engine gear case and hydro filters Adjusted all belts and chains Ran separator and inspected operation Installed shields	7.80	120.00	936.00
SERVICE CALL	3.10	120.00	372.00
JD8554 - ECCENTRIC	2	11.67	23.34
JD9373 - BALL BEARING	1	75.18	75.18
AL14674 - ECCENTRIC LOCKING COLLAR	1	32.88	32.88
AZ10044 - ECCENTRIC	2	15.81	31.62
H103264 - PRESSED FLANGE	2	4.06	8.12
H129208 - PIVOT	1	7.47	7.47
H161051 - PULLEY	1	766.30	766.30

	BALANCE DUE			\$0.00
	PAYMENT			7,090.47
	TOTAL			7,090.47
charge after 14 days on overdue invoices.	GST @ 5%			337.66
Please be advised there is a 2% interest	SUBTOTAL			6,752.81
3962 - EHC - FILTER LONG		1	0.98	0.98
AH128449 - HYDRAULIC FILTER		1	122.72	122.72
50 CONNECTOR LINK		1	2.81	2.81
50 ROLLER CHAIN		7	10.75	75.25
3962 - EHC - FILTER LONG		2	0.98	1.96
HXE123463 - CHAIN SPROCKET		3	225.43	676.29
HXE93567 - BALL BEARING		2	75.95	151.90
HXE38073 - V - BELT		1	43.14	43.14
AXE42868 - BEARING WITH HOUSING		1	620.29	620.29
AXE12964 - HYDRAULIC		1	146.53	146.53
AN207368 - HYDRAULIC		1	162.40	162.40
AH220541 - CHAIN LINK		3	22.19	66.57
AH163056 - BEARING HOUSING		2	94.18	188.36
AH139297 - BALL BEARING		1	93.57	93.57
JD10020 - BALL BEARING		1	78.24	78.24
H229470 - SHAFT KEY		3	18.93	56.79
H215004 - BLADE		49	16.20	793.80
H175557 - SHAFT		1	375.79	375.79
H171960 - WEAR STRIP		3	39.17	117.51

PAID

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GST/HST Registration No.: 785814096RT0001



2924

17/08/2021

INVOICE

BILL TO INVOICE DATE

HOURS MODEL 1250 Hrs S680

DESCRIPTION	QTY	RATE	AMOUNT
REPAIR HYDRAULIC LEAK There was an oil leak on the output shaft for the rotor drive Ordered the seals needed Loosened and removed the chopper jack shaft belt tightener Drained the oil from the main engine gear case Removed the rotor drive belt Supported the rotor variable drive with a crane and removed it Disassembled the drive and cleaned all the parts Removed the leaking seal from the output housing and cleaned the housing Installed the new seal Installed a new grease seal into the outer sheave as well Assembled the rotor drive Lifted the rotor drive back onto the main engine gear case and secured it into place Installed the rotor drive belt and tightened it to spec Connected the hydraulic lines that had been removed Installed the chopper jack shaft belt tightener and tightened to spec Filled the main engine gear case with the oil removed	3.70	105.00	388.50
			0.00
SERVICE CALL	1.10	105.00	115.50
			0.00

SERVICE CALL		1.10	105.00	115.50
				0.00
R1225R O-RING		2	5.61	11.22
AH144149 SEAL		1	67.77	67.77
AH123497 SEAL		1	30.20	30.20
	SUBTOTAL			613.19
	GST @ 5%			30.66
	TOTAL			643.85
	PAYMENT			643.85

BALANCE DUE \$0.00 PAID

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INVOICE

BILL TO SHIP DATE 02/09/2021 INVOICE 2970
DATE 03/09/2021



HOURS MODEL 1276 Hrs S680

DESCRIPTION	QTY	RATE	AMOUNT
REPAIR ACTIVE TAILINGS DRIVE	5	105.00	525.00

The active tailings was plugging very easy

Found that the old slip clutch was still installed and that there was an updated one available

Ordered a new slip clutch for the combine

Removed the drive belt and removed the failed slip clutch

Inspected the shaft and found that it was damaged

Removed the active tailings drive chain

Removed all mounting hardware from the active tailings cylinder housing

Removed the housing from the combine

Found that the cylinder housing needed to be replaced

Ordered the parts needed to repair the active tailings

Disassembled the cylinder and removed the shaft

Installed a new shaft and bearings into the housing

Secured the bearings into place and assembled the cylinder

Installed the new slip clutch and lifted the housing into place

Secured the cylinder housing into place and installed the drive belt and chain Tightened the chain and belt and tested the operation Found that the active tailings was running smoothly				
			0.00	
SERVICE CALL	2.10	105.00	220.50	
			0.00	
KXE10248 SLIP CLUTCH	1	1,298.24	1,298.24	
11M7028 COTTER PIN	1	0.87	0.87	
11M7087 COTTER PIN	1	0.63	0.63	
14M7495 NUT	1	12.56	12.56	
JD39104 BEARING	2	48.53	97.06	
N231749 WASHER	1	3.95	3.95	
AH133191 LOCKING COLLAR	2	20.59	41.18	
HXE152409 SHAFT	1	317.80	317.80	

15.00	15.00	1	SHIPPING
2,532.79		SUBTOTAL	
126.64		GST @ 5%	
2,659.43		TOTAL	
2,659.43		PAYMENT	
\$0.00 PAID		BALANCE DUE	

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PAID

INVOICE

BILL TO

HOURS MODEL S680 S680

SHIP DATE 17/10/2018 INVOICE 1131
DATE 30/08/2019

DESCRIPTION	QTY	RATE	AMOUNT
DIAGNOSE AND REPAIR REEL OPERATION The reel raise was not operating properly To raise the reel it would have to be lowered before it would raise This would happen almost every time	1.20	105.00	126.00

Tested the operation and found that the raise function was almost immediately

Tested the operation for awhile and found that the reel raise was working properly

There were several DTC's coming up for header functions

Looked through the diagnostics and found that they were all common to the reel raise circuit Looked through the electrical schematic and found that the solenoids for the functions had a common ground point

Darin disconnected the ground, cleaned the terminals and reconnected the ground

The draper was traded in on a new one

SERVICE CALL		1.40	105.00	0.00 147.00
	SUBTOTAL			273.00
	GST @ 5%			13.65
	TOTAL			286.65
	PAYMENT			286.65
	BALANCE DUE			\$0.00

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GST/HST Registration No.: 785814096RT0001



INVOICE

BILL TO INVOICE 1703 DATE 28/09/2019



HOURS MODEL 999 Hrs S680

DESCRIPTION	QTY	RATE	AMOUNT
REPAIR CHOPPER	2.40	105.00	252.00

The chopper knives on the rotor were worn out and needed to be replaced

Ordered and picked up the knives for the chopper

Opened the chopper and gained access to the rotor knives

Removed the worn knives and kept the hardware

Installed the new knives and secured them into place

Once all the knives were replaced the chopper rotor was turned over and all the hardware inspected

Found that all of the chopper knives were secured into place

Found that the stationary knives were also worn and needed to be flipped

Removed the stationary knife bank from the chopper

Disassembled the bank and removed worn knives Cleaned the knife bank out and installed the knives the Secured the knives into place and assembled the knife Installed the knife bank back into the chopper and secu	bank			
				0.00
KXE10255 KNIFE KIT		6	245.19	1,471.14
	SUBTOTAL			1,723.14
	GST @ 5%			86.16
	TOTAL			1,809.30
	PAYMENT			1,809.30
	BALANCE DUE			\$0.00 PAID

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shiertech2016@gmail.com

GST/HST Registration No.: 785814096RT0001



1054

30/08/2018

INVOICE



HOURS MODEL 668 Hrs S680 STS

The header float and preset functions were not working

Found that the 623D and the combine had not yet been calibrated

Went through and calibrated the feeder house speed, the feeder house tilt range and the tilt speed

Tried to calibrate the header

The calibration could not be completed

There was a warning coming up for accumulator precharge pressure low

Looked through the diagnostics and found that there was none

Finally watched the float pressure for each side

Raised and lowered the float pressure and monitored the pressure

Found that the right side pressure was all over the place and would instantly drop off to near zero pressure

Found that the accumulator was likely failed and needed to be replaced

Darren picked up a new accumulator for the draper

Went to install it and found that it was the incorrect one

Ordered and picked up the correct accumulator

Disconnected the failed accumulator and connected the hose onto the new accumulator

Tired to calibrate the header again

Found that it still would not calibrate

Decided to switch accumulators

Disconnected the new one and reconnected the hose to its original accumulator

Disconnected the hose from the other accumulator and connected it to the new one

Calibrated the header again

Found that this time the calibration went to the next step, then gave a warning for feeder house pressure sensor voltage

Went through the diagnostics and tested the feeder house pressure

Found that the pressure was reading more than the hydraulic pump could put out

Also the pressure was not changing as the feeder house was moved

Replaced the feeder house pressure sensor and tested the pressure

Found that the pressured was now reading properly

Tired to calibrate the header again

The header finally completed a calibration

Removed the failed accumulator and properly installed the new one

Tested the header operation and drove around the yard

Found that the header float was operating properly

SERVICE CALL		2.40	105.00	0.00 252.00
				0.00
RE272647 PRESSURE SENSOR		1	145.00	145.00
	SUBTOTAL			733.00
	GST @ 5%			36.65
	TOTAL			769.65
	PAYMENT			769.65
	BALANCE DUE			\$0.00 PAID