

LOT 5

SCHUNEMAN EQUIPMENT CO.

15058 SD Hwy, PO Box 229
Milbank, SD 57252
Phone: 605-432-5523
www.SchunemanEquipment.com



JOHN DEERE

Ship to: SAME AS BELOW
Invoice to:

Branch			
MTLBANK, SD			*REPRINT*
Date	Time	Page	
07/12/16	21:30:32 (B)	01	
Account No.	Phone No.	Invoice No.	
		S98958	
Ship Via		Purchase Order	
Sales Tax License No.		Federal Exemption No.	
Farmplan Number			Salesperson
			DWL

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
047699	9860 COMBINE	2259 H09860S716138	08/19/07	
	9860	1603		

REPAIR# 1 C 45216 SACOMBINE 03/17/16 03/21/16

SERVICE ADVANTAGE COMBINE INSPECTION

COMPLAINT:

HOURS

ADDITIONAL DESCRIPTION:

COMPLETE JOHN DEERE COMBINE INSPECTION

- CONTROL SYSTEM
- FEEDER HOUSE AREA
- FEED ACCELERATOR (FAST)
- LEFT HAND SIDE
- RIGHT HAND SIDE
- ENGINE COMPARTMENT
- GRAIN TANK SECTION
- CAB SECTION
- AMS

CLEANING AND DELIVERY HAVE BEEN DISCOUNTED FOR YOU!

PROMO-PARTS	PROMO DISCOUNT	1-	48.59	48.59CR
PROMO-SERVICE	promo discount	1-	301.00	301.00CR
TY26860	SCAN TEST KIT	1	48.59	48.59
			PARTS	301.00CR
			LABOR	800.00
10401			REPAIR TOTAL==>	499.00

REPAIR# 2 C 45216 NA 03/17/16 03/23/16

GENERAL REPAIRS

CORRECTION:

::::First quoting 1.5 hours:::

Second quoting 1.5.

-ran combine before inspection.

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047699	9860 COMBINE	2259	H09860S716138	08/19/07	
	9860	1603			
-airing tires up and checking feeder house angle.					
-greased whole machine					
-installed all belts onto combine and tightened tension arms.					
-installed all shields onto combine.					
-checked over combine.					
-test ran and everything adjusted and ran smooth.					
AH150678	BELT	1	126.82		126.82
H154723	BELT	1	88.91		88.91
H154731	TAILINGS BELT	1	47.66		47.66
H175587	BELT	1	197.22		197.22
H201596	V-BELT	1 M	254.15		254.15
H206049	BELT, CLNG FAN	1	83.31		83.31
H219182	BELT	1	89.24		89.24
H220747	V-Belt	1 M	276.24		276.24
H221732	V-BELT	1	160.22		160.22
M72598	QUICK LOCK PIN	4	1.81		7.24
TY26408	SYN GEAR LUBE	7	18.67		130.69
TY6341	POLYURE GREASE	1	4.03		4.03
14M7275	12MM NUT	2	.93		1.86
			PARTS		1467.59
			LABOR		1933.00
10401			REPAIR TOTAL==>		3400.59

REPAIR# 3 C 45216 NA 03/17/16 05/18/16
REVERSER AND BACK SHAFT

CORRECTION:

removed back shaft figured out that the bearing was out and the toning wheel set screw were bad so I installed and updated wheel and a new bearing. also installed a new seal

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	9860	1603			
with silicone into reverser. tightened locking plate on reverser. also changed reverser oil.					
AH233089	TONE WHEEL KIT	1	57.01		57.01
H223849	RING	1	3.24		3.24
H93927	HOUSING	1	106.03		106.03
JD9201	LOCK COLLAR	1	9.36		9.36
	Eccentric Locking Collar				
JD9202	BEARING	1	26.63		26.63
			PARTS		202.27
			LABOR		230.00
10401			REPAIR TOTAL==>		432.27

REPAIR#	4 C 45216 NA	03/17/16	05/13/16		
FEED ACCELERATOR BEARINGS					
<u>CORRECTION:</u>					
replaced both bearings w/housing and also new locking collars where installed.					
JD9365	COLLAR	2	27.57		55.14
	Eccentric Locking Collar				
JD9431	BEARING	2	55.25		110.50
R30399	WASHER	1	4.02		4.02
			PARTS		169.66
			LABOR		518.00
10401			REPAIR TOTAL==>		687.66

REPAIR#	5 C 45216 NA	03/17/16	05/16/16		
FEEDERHOUSE TOP SPROCKETS					
<u>CORRECTION:</u>					
-removed feeder house chain					

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047699	9860 COMBINE	2259	H09860S716138	08/19/07	
	9860	1603			
<ul style="list-style-type: none"> -removed all bottom shields and rock trap -removed shaft scrappers. -loosened set screws -air hammered outside sprockets in. - removed shaft from combine took off old sprockets, cleaned shaft and installed new sprockets. -put new bearings into housings. -installed shaft back into place and torqued bearing bolts. -set sprocket spacing and torqued set screws also new shaft keys where installed. -installed scrappers and all shields. -new plastic chain guides where installed. -a new rear floor seal was installed. 					
H156578	SHAFT KEY	2	8.13		16.26
H156579	SHAFT KEY	1	10.71		10.71
H156580	SET SCREW	8	3.50		28.00
H159615	CHAIN SPROCKET	2	43.66		87.32
H159616	CHAIN SPROCKET	1	53.90		53.90
H171960	STRIP	3	25.77		77.31
H173904	SEAL	1	88.51		88.51
JD10020	BALL BEARING	1	41.40		41.40
JD9373	BALL BEARING	1	63.10		63.10
03M7190	10 X 20 CARR	2	.74		1.48
14M7296	10MM FLANGE NUT	2	1.19		2.38
			PARTS		470.37
			LABOR		673.00
10401			REPAIR TOTAL==>		1143.37

REPAIR# 6 C 45216 NA 03/17/16 05/18/16
TAILINGS AND CLEAN GRAIN CHAINS

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	9860	1603			
-both bearings where removed and replaces with new flange's and locking collars.					
-one new beater wing was installed and torqued and other one I put into cab of combine.					
AH129420	FLANGETTE	1	8.21		8.21
	Pressed Flanged Housing				
AH133191	LOCKING COLLAR	2	11.57		23.14
	Eccentric Locking Collar				
AH139296	LUBE BEARING	2	31.96		63.92
AH234509	FIELD INSTAL	1	67.10		67.10
H135410	PRESSED FLANGE	2	4.41		8.82
	Pressed Flanged Housing				
H171037	PRESSED FL	1	9.58		9.58
	Pressed Flanged Housing				
03M7192	10 X 30 CARR	6	.70		4.20
14M7296	10MM FLANGE NUT	6	1.19		7.14
			PARTS		192.11
			LABOR		418.00
10401			REPAIR TOTAL==>		610.11

REPAIR# 9 C 45216 NA 03/17/16 05/18/16

TRANSMISSION OIL CHANGE

CORRECTION:

-drained and cleaned screen.
-added new oil to transmission.

TY26816Q	80W90 QT	10	7.77		77.70
			PARTS		77.70
			LABOR		56.00
10401			REPAIR TOTAL==>		133.70

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REPAIR# 10 C 45216 NA 03/17/16 05/17/16

MASS GRAIN FLOW PLATE

CORRECTION:

removed old one and installed new one.
customer will calibrate in field as normal.

AH164349	BRACKET	1	147.17	147.17
			PARTS	147.17
			LABOR	106.00
10401			REPAIR TOTAL==>	253.17

REPAIR# 11 C 45216 NA 03/17/16 05/18/16

CHOPPER JACK SHAFT

CORRECTION:

-outside bolt was broken off in pin so I ended up cutting the inside bolt head off and prying the works out.
-installed a new bearings onto shaft:
-installed new bushings into pin sleeve.
-installed new pin into sleeve
-put jack shaft back onto combine and torqued bolts with thread locker.

AA5607R	OIL SEAL	2	4.44	8.88
AH170744	BALL BEARING	2	97.16	194.32
H155973	SCREW	1	2.33	2.33
H171061	BUSHING	2	8.14	16.28
H201324	WELD PIN	1 N	45.44	45.44
19M7824	16 X 60	1	3.85	3.85
24M7338	WASHER	1	1.88	1.88
			PARTS	272.98
			LABOR	499.00

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	9860	1603			
10401			REPAIR TOTAL==>		771.98

***** WORK ORDER TOTALS *****

PARTS	2914.81
LABOR	5456.00
SUB TOTAL==>	8370.81
2% CITY SALES TAX	174.39
4.5 % SD STATE	348.84
DWL CHARGE	8894.04

This invoice has been billed to your account at Schuneman Equipment Co.