

Deliver To:

SERVICE INVOICE

				Invoice Number:	
				Invoice Date:	11/15/2021
				Location:	51
				Work Order Number:	
				Payment Type:	
				Tech:	
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Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:	
JOHN DEERE 9760	7090	H09760S710901	163725PLP		

ALL/9037/22 Retail
COMPLAINT:
01 AG SERVICE CALL

CORRECTION:
AG Service Call
29 miles ow
truck 1241

Labor: \$0.00	Parts: \$0.00	OL&M: \$0.00	Misc:	Sub-Total: \$229.50
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//DIAG-70-1 Retail
COMPLAINT:
OIL LEAK ON HYDRAULIC PUMP

CORRECTION:
got to field checked where leak was coming from. found to be coming out from between hydro cases. rolled air hose out. cleaned filter area off. removed filter from machine. found metal in fluids. came back to the shop and made a quote for repairs. returned parts

AT SHOP.
REMOVED AND RE-INSTALLED HYDRO STAT PUMP AND MOTOR,BEFORE HOOKING UP ANY LINES. WE FLUSHED ALL LINES FROM PUMP TO MOTOR AND TO COOLER, SEVERAL TIMES AND RAN A DEBRIS FILTER THREW LINES TO MAKE SURE ALL CLEAN ON INSIDE. FLUSHED OUT RESERVOIR, TRIED TO FLUSH COOLER AND FOUND IT SO FULL OF BRASS THAT IT WAS NEVER GOING TO CLEAN OUT, REPLACED COOLER AND INSTALLED, USED NEW O-RINGS AS REQUIRED. FILLED WITH NEW OIL AND FILTER. RAN, ALL WORKED AND TESTED GOOD. INSTALLED UNLOADING AUGUR BOOT. REMOVED MOISTURE SENSOR AND INSTALLED OLD ONE.

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Incl
19H1740	CAP SCREW	1.00				N
AH128449	Hydraulic Filter	1.00				N
AH168468	Oil Cooler	1.00	1			N
<i>Comments: AB MACH</i>						
R112857	O-Ring	1.00				N
R63308	O-Ring	1.00				N
T77858	O-Ring	2.00				

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DICE

10322

7/2021

51

100332

account

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JOHN DEERE 9760

7090

H09760S710901

163725PLP

WASHDETAIL Retail

Labor: \$0.00

Parts: \$0.00

OL&M: \$0.00

Misc:

Sub-Total: \$225.50

INVOICE CONTAINS ATTENTION: Part(s) values for this invoice have changed.

Labor:

Parts:

OL&M:

Misc:

Sales Tax:

Grand Total: \$14,815.12

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SERVICE INVOICE

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JOHN DEERE 9760	7084	H09760S710901	163725PLP	

ALL/9037/22 Retail
COMPLAINT:
01 AG SERVICE CALL

CORRECTION:
AG Service Call

27 miles ow
truck 1241

Labor: \$0.00	Parts: \$0.00	OL&M: \$0.00	Misc:	Sub-Total: !
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9760STS/1357/R/10 Retail

COMPLAINT:

02 BELT ROTOR - REMOVE & INSTALL
REMOVE & INSTALL ROTOR BELT

With separator engaged and running, set separator drive in low speed position so driven sheaves on gear case are closed.

Shift STS rotor drive gear case to the neutral position.

Loosen cap screws, draw bolt and fully rotate gear case to left-hand side of machine using draw bolt.

Remove drive belt.

Install new drive belt.

Tighten draw bolt until specified sheave gap is achieved.

Tighten bolts to spec and put drive in gear.

Run separator and adjust drive up and down for a few minutes.

Verify sheave gap and operation.

CORRECTION:

Deliver To:

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JOHN DEERE 9760	7084	H09760S710901	163725PLP	

9760STS/1357/R/10 Retail

REMOVED & INSTALLED ROTOR BELT

With separator engaged and running, set separator drive in low speed position so driven sheaves on gear case were closed

Shifted STS rotor drive gear case to the neutral position

Loosened cap screws, draw bolt and fully rotated gear case to left-hand side of machine using draw bolt

Removed drive belt

Installed new drive belt

Tightened draw bolt until specified sheave gap was achieved

Tightened bolts to spec and put drive in gear

Ran separator and adjusted drive up and down for a few minutes

Verified sheave gap and operation

7084 engine.

4881 sep



Part Number

Description

Quantity

List Price

Net Price

Extended Price

Taxed Ind

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JOHN DEERE 9760	7084	H09760S710901	163725PLP	

9760STS/1357/R/10 Retail							
HXE150557	V-Belt		1.00	535.18	535.18	\$535.18	N
Labor: \$0.00	Parts:	OL&M: \$0.00	Misc: 1	Sub-Total:			

Miscellaneous Charges:
 Service Accessories

ATTENTION: Part(s) values for this invoice have changed. Original Invoice Parts Sale Value = \$632.68



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Labor:
 Parts:
 OL&M:
 Misc:
 Sales Tax: -----
 Grand Total: \$1,257.43

Received by: Date:

Deliver To:

SERVICE INVOICE

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10/22/2020

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Serial Number:

Eq ID:

Fleet No:

JOHN DEERE 9760

6901

H09760S710901

163725PLP

ALL/9037/22 Retail

COMPLAINT:

01 AG SERVICE CALL

CORRECTION:

AG Service Call

27 miles ow

truck 1241.

Labor: \$0.00

Parts: \$0.00

OL&M: \$0.00

1

Sub-Total: 1

//DIAG-40-1 Retail

COMPLAINT:

AHC NOT WORKING

CORRECTION:

FOUND RH SENSOR BROKE AND FOUND THE ARM BRACKET BENT UP.
ALSO ADJUSTED CENTER HEIGHT SENSOR AND STRAIGHTENED BRACKET.
WHEN CHECKING LEFT SENSOR AND LINKAGE FOUND LH STABILIZER BROKE.
CALLED PARTS TO SEE WHO HAD ONE. CUSTOMER WENT TO PICK UP PART AS I REMOVED ARM FROM HEADER.
REMOVED 4 GUARDS/ SKIDS FROM CUTTER BAR, REMOVED FLOOR FROM LH SIDE, REMOVED BELT, REMOVED
CROP DIVIDER, REMOVED LH SKID FROM HEADER.
REMOVED WOBBLE BOX FROM MACHINE. REMOVED PRESSURE FROM CUTTER BAR. REMOVED CYLINDER, SENSOR
LINKAGE.
REMOVED ALL HARDWARE ATTACHING ARM TO HEADER. CHECKED OVER REST OF HEADER, FOUND 2 SICKLES
BROKE, ONE SKID PLATE MISSING.
REMOVED RIVETS FROM PLATE, DRILLED OUT RIVETS FOR LH SKID PLATE. DRILLED OUT BROKEN BOLT FOR SKID.
CLEANED AND TAPPED BOLT HOLE. REMOVED BROKEN COTTER PIN ON REAR DRIVE PULLEY TIGHTENED NUT
REMOVED RUST FROM CUTTER BAR MOUNTING. WHEN WAITING ON PARTS, WALKED AROUND MACHINE TO LOOK
FOR SOMETHING TO DO IN THE MEAN TIME.
FOUND 3 CHOPPER TAILBOARD VANES FALLING OFF. INSTALLED MISSING HARDWARE. FOUND HOLES IN THE CLEAN
GRAIN ELEVATOR AND AT THE TOP OF THE TAILINGS ELEVATOR.
INSTALLED AND ASSEMBLED IN REVERSE ORDER WITH NEW PARTS. RECALIBRATED HEADER TO MACHINE.
SHOWED CUSTOMER HOW TO CALIBRATE HEADER TO MACHINE.

Labor: \$0.00

Parts: \$0.00

OL&M: \$0.00

Misc:

1

Sub-Total: \$810.00

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SERVICE INVOICE E

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JOHN DEERE 9760	6901	H09760S710901	163725PLP						

//DIAG100 Retail

COMPLAINT:

CLEAN GRAIN ELEVATOR SENSOR PROBLEM

CORRECTION:

Diagnose: top seal on shaker pan leaking causing grain build up around sensor and magnet making it not read correctly.
removed bolt from top of arm. drilled and removed rivet's installed new seal installed new bolt, centered arm in middle of stroke,
torqued bolt to spec and installed covers back onto machine.

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Ind
11M7015	COTTER PIN	1.00				N
11M7030	COTTER PIN	1.00				N
19M7820	SCREW	1.00				N
AH221194	STABILIZER	1.00				N
AXE17036	Reel Position Speed Sensor	1.00				N
H129208	PIVOT	1.00				N
H205344	Poly Skid Plate	1.00				N
H214184	Seal	1.00				N
H220884	Cutterbar Drive Belt	1.00				N
HXE52669	RIVET	5.00				N
M64720	RIVET	3.00				Y
Labor: \$0.00		Parts: \$	OL&M: \$0.00	Misc:	Sub-Total: \$1,345.33	

//DIAG125 Retail

COMPLAINT:

REAR MACHINE LIGHTS NOT WORKING

CORRECTION:

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\$
4

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JOHN DEERE 9760

Meter:

6901

Serial Number:

H09760S710901

Eq ID:

163725PLP

Fleet No:

//DIAG125 Retail

turned on lights. only header and front lights worked. new lights were installed at rear of machine. tested for voltage at wiring at lights.
only 4.5 volts looked over rear harness did not see any wires broke or chewed on. went to the fuse board. checked fuse f9 and wiring.
wiring checked out ok. looked up in service manual for wiring diag. found wiring going to connector 202 on control panel. checked connector, was tight and no pins pushed back.
looked at relay, switch with the one next to it and checked rear lights. they started to work correctly. replaced relay with a new one.
checked voltage at rear lights and found voltage to be 12.75 volts. installed covers back onto electrical panels

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Incl
AH201526	RELAY	1.00				

Labor: \$0.00

Parts: :

OL&M: \$0.00

Misc:

Sub-Total:

ATTENTION: Part(s) values for this invoice have changed. Original Invoice Parts Sale Value = \$1321.07

Miscellaneous Charges:

Service Accessories

\$62.37

Labor:

Parts:

OL&M:

Misc:

Sales Tax:

Grand Total: \$2,631.01

*** DOCUMENT COPY ***

Deliver To:

SERVICE INVOICE

Invoice Number:	100707010000
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JOHN DEERE 9760	6793	H09760S710901	163725PLP	

ALL/9037/22 Retail
COMPLAINT:
 01 AG SERVICE CALL

CORRECTION:
 AG Service Call
 38 miles one way
 Truck 1247

Labor: \$0.00	Parts: \$0.00	OL&M: \$0.00	Misc:	Sub-Total:
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/9760 CMBS691 Retail
COMPLAINT:
 02 Cleaning fan blades, Replace all 12

CORRECTION:
 Cleaning fan blades, Replace all 12

Blew out cleaning fan area.
 Removed lower pan.
 Removed tension from belt and removed belt from pulley.
 Removed all blades and checked star wheels.
 Found one wheel had two tabs broken off.
 Removed left hand bearing and frame.
 Slid wheel off of the left side of the shaft and slid new on.
 Slid on new end plate and assembled frame and bearing.
 Spun to check bearing alignment.
 Straightened frame where blades had hit.
 Installed all new blades and spun by hand to check clearance.
 Installed belt and lower pan.
 Operated machine and all was ok.
 Looked at monitor for recording height.
 Found that machine did not recognize there was a head attached.
 Spoke with riley and figured out we needed to install a jumper wire in combine connector to tell it there was a head.
 Made and installed wire.
 Calibrated head and set start stop height in monitor, also set proper working width and track spacing.



JOHN DEERE

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Ind
H201773	Wheel	1.00				N

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JOHN DEERE 9760

Meter:

6793

Serial Number:

H09760S710901

Eq ID:

163725PLP

Fleet No:

//9760 CMB5691 Retail

H203514

INSERT

1.00

N

H206345

Fan Blade

12.00

N

H210903

Plug

8.00

N

Labor: \$0.00

Parts: 1

OL&M: \$0.00

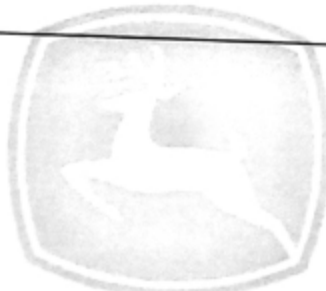
Misc:

Sub-Total:

Miscellaneous Charges:
Service Accessories

ATTENTION: Part(s) values for this invoice have changed. Original Invoice Parts Sale Value = \$1036.39

*** DOCUMENT COPY ***



Labor:

Parts:

OL&M:

Misc:

Sales Tax:

Grand Total: \$2,120.78

Received by: Date:

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SERVICE INVOICE

Make/Model: JOHN DEERE 9760	Meter: 6788	Serial Number: H09760S710901	Invoice Number:		
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			163725PLP		

//DIAG-20-1 Retail

COMPLAINT:

CUSTOMER COMPLAINED OF ENGINE RUNNING ROUGH AND CUTTING OUT ON WAY TO TOWN.

CORRECTION:

Started machine and ran at idle. Found no problem with engine. Operated machine at mid and high idle and found that machine would lose the CAN throttle. Found blown fuses for the CAN controllers and several lights. Replaced fuses and machine would still operate the way it was. Followed diagnostics for codes given and found that pump control valve number two was not being energized all the time allowing half the engine to die. Back probed circuit and found that the ECU was not sending signal out. Customer brought in pump and ECU from old engine that were known good parts. Went through the replacement process to replace the ECU and that is when we lost communication with the machine. Opened DTAC case and got someone from out of the states that was not familiar with this level of ECU and engine system. Went through several checks with this person before asking to be assigned a new TSS. While waiting for DTAC to respond I preformed several other checks and found that the active terminator was bad. Replaced both active and passive terminators. Checked system again and was not having any luck Began going through CAN BUS system checks and found there was another controller that was not on the CAN. DTAC responded after i had found this issue. I consulted with them and ran a few more tests they asked for. While doing that DTAC made changes to the ECU program and sent it back. I attempted the ECU programming and it went through. Took machine outside to run and found that the new ECU cured the throttle issue but we still had CAN codes. Also did not have any function or CAN systems on the hydro handle or armrest. Traced these down to the header control unit. Found that the header control unit was not recognized on th CAN. Removed control unit and installed new. Header control unit came on CAN and i calibrated with customer header. Could not get header height sensors to work on customer head or company head. Traced wires and found there was a broken wire in the feederhouse harness. Fixed and ran through calibration. Set customer head on trailer and strapped down. Parked combine next to head and let customer know it was done.

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Ind
28H3395	Bushing	1.00				N
57M7146	FUSE,30AMP	2.00				N
57M8403	Elec. Connector Housing	1.00				N
57M8404	Elec. Connector Terminal	4.00				N
AH220609	Electronic Control Unit	1.00				N
AH220609-CR	CORE for:Electronic Control Unit	1.00				N
R502778	Filter Element	1.00				N
RE207311	Electronic Control Unit	2.00				N
RE522688	Fuel Filter	1.00				N
RE531703	Fuel Filter	1.00				N
SE502805	Engine Controller Reman	1.00	1			N

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JOHN DEERE 9760

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H09760S710901

Eq ID:

163725PLP

Fleet No:

//DIAG-20-1 Retail

SE502805-CR

CORE for:Engine Controller Reman

1.00

N

TY26632

Electronic Contact Cleaner

1.00

N

LP653

SOLDER S

1.00

Y

OL&M Charges:

Description

Labor: \$0.00

Parts:

OL&M:

Misc:

Sub-Total: \$8,416.18

Value

//DIAG-50-1 Retail

COMPLAINT:

FEEDERHOUSE SILL NOT HOLD SPEED.

CORRECTION:

Removed the left shield. Checked the belt and sheaves on feeder house. Belt is loose and no sheave gap. Checked the hydraulic cylinder, it does not show any signs of leaking by. Loosened the rear sheave drive bracket and adjusted rod until there was an 1/8 inch sheave gap. Ran out good and kept the speed.

Labor: \$0.00

Parts: \$0.00

OL&M: \$0.00

Misc:

Sub-Total: \$253.00

//DIAG100 Retail

COMPLAINT:

CONCAVE INDICATOR WILL NOT STAY STEADY. JUMPS AROUND.

CORRECTION:

Checked the sensor for correct readings, adjusted the concaves and calibrated them. Linkage on the concave Z bar and worm gear lets the concaves move up almost an inch. Would need to replace linkages, pins, Z bar and worm gear to get play out of concaves.

Labor: \$0.00

Parts: \$0.00

OL&M: \$0.00

Misc: \$

Sub-Total: \$126.50

//DIAG125 Retail

COMPLAINT:

CONTINUED ON NEXT PAGE->

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JOHN DEERE 9760

6788

H09760S710901

163725PLP

//DIAG125 Retail

CLEANING FAN OPERATION

CORRECTION:

Tested the cleaning fan, would not move from the cab, checked voltage at the connector, had none traced harness back and found bad wire. repaired it and retested for voltage had good voltage and ground. still did not work removed the adjusting motor and put 12 volts to it with no reaction, switched leads and tried the other way. Motor is bad, replaced and tested the fan speed adjustment operation.

Part Number	Description	Quantity	List Price	Net Price	Extended Price	Taxed Ind
AA77820	Electric Motor	1.00				N
Labor: \$0.00	Parts: \$	OL&M: \$0.00	Misc:		Sub-Total: \$661.68	

Miscellaneous Charges:

Service Accessories

Labor:

Parts:

OL&M:

Misc:

Sales Tax:

Grand Total: \$9,558.45

Cus

Tax

Adv

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