



JOHN DEERE

SERVICE INVOICE

Invoice To Account No:

Deliver To:

MPANY

COMPANY

Invoice Number: 624488

Invoice Date: 03/08/2022

Location: 5

Work Order Number:

Payment Type: Account

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Make/Model:

Meter

Serial Number:

EQ Id:

Fleet No:

JOHN DEERE 655C

2860

LU855CX006787

U12343

Gen2- Retail

COMPLAINT:

Inspect machine and service machine as required.

CAUSE:

Customer request machine inspection and machine service is needed.

CORRECTION:

Tuesday, February 22, 2022 10:35 AM - Ryan

Take fluid samples.

Change engine oil and filter.

Change engine air, inner and outer.

Change all three fuel filters.

Change hydraulic tank return filter.

Change coolant filter.

9 gallon 15-40 engine oil.

2 lb bulk grease.

1 qt bulk brake clean.

Performed machine inspection and serviced as list below.

Change transmission charge filter.

Remove both final drive covers.

Connect hoses to drain and fill seal cavity.

Drain, refill final drives.

Grease all points.

Change cab air filters.

Drain and refill pump drive gear box.

<u>PartNumber</u>	<u>Description</u>	<u>Quantity</u>	<u>Net Price</u>	<u>Extended Price</u>	<u>Taxed Ind</u>
AT187618	Seal	2.00			Y
AT203470	FILTER ELE	1.00			Y
AT222722	FILTER ELE	1.00			Y
AT261787	O-Ring	2.00			Y
AT263618	Gasket	1.00			Y
AT274247	SEAL	4.00			Y
AT274340	FILTER ELE	2.00			Y
AT274596	Gasket	1.00			Y

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Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 655C	2860	LU655CX006787	U12343	

AT274600	Seal	1.00			Y
AT274723	FILTER ELE	2.00			Y
AT274738	FILTER ELE	1.00			Y
AT274758	FILTER ELE	2.00			Y
AT274832	O-Ring	1.00			Y
AT274952	Check Valve	1.00			Y
AT276312	O-RING	1.00			Y
AT276314	GASKET	1.00			Y
AT276315	GASKET	1.00			Y
AT277283	O-Ring	1.00			Y
AT311906	FILTER ELE	1.00			Y
AT315231	TEST/MEASU	4.00			Y
AT346594	FLUID ANALYSYS KIT (OIL)	4.00			Y
BRAKE CLEAN BULK	BULK BRAKE CLEAN IN 55 GALLON DRUM	1.00			Y
PMHF7968	Hydraulic Filter	1.00			Y
PMWF2072	Coolant Filter	1.00			Y
TY24427-S	BULK WATERPROOF GREASE PER POUND	2.00			Y
TY26348	Oil Pump	1.00			Y
TY26349	TUBE	48.00			Y
TY26678-S	15W40 PLUS 50	36.00			Y
TY26813	GL5 Gear Lube 85W-140 5 Gal	1.00			Y
<u>Miscellaneous</u>	<u>Description</u>	<u>Quantity</u>	<u>Net Price</u>	<u>Extended Price</u>	<u>Taxed Ind</u>
INFREIGHT	INBOUND FREIGHT	1.00			Y

Gen3- Retail**COMPLAINT:**

Diagnose and repair fuel system issues.
 - Fuel system loosing prime when fuel tank is below 1/2 full.
 - Multiple fuel leaks.
 - Rubber in fuel filler neck.

CAUSE:

Injection pump leaking- loosing prime.
 Rubber coming apart in filler neck.

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CASH ON DEL.

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Meter

Serial Number:

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JOHN DEERE 655C

2860

LU655CX006787

U12343

Fuel transfer pump leaking.

CORRECTION:

Tuesday, February 22, 2022 - Ryan

Fuel tank has considerable amount of rust.

Sediment bowl full of rust.

Raise loader to access fuel tank.

Unbolt covers on front of tank.

Remove fuel cap, fill screen and rubber o-ring under cap.

O-ring is coming apart and falling into fuel tank.

Drain fuel tank.

Remove front tank access plug.

Clean tank with solvent and scotch bright pad to remove big scales of rust.

Flush tank with solvent.

Tank has some rust left, only true way to remove all rust is to have tank professionally cleaned and coated.

Raise cab, remove fuel supply line from bottom of tank.

In-line check valve has rust in the seat.

Replace check valve.

Install access covers on fuel tank with new seals.

Clean filler neck screen.

Install new rubber o-ring for cap.

Fill fuel tank with new fuel.

Take apart sediment bowl.

Clean all rust out of bowl.

Run machine to check for leaks.

Fuel is running out of back half of injection pump.

Order reman injection pump.

Reman pump came in pump is not correct.

Order second pump.

Pump came in as a new pump.

Reman not available only new.

Cost exceeded having pump sent off for rebuild.

Pump taken off machine to capital diesel.

Install new fuel shut off valve before first fuel filter- Handle has come off and have to use wrench to shut off fuel.

Install pump gear with lock tite and torque new nut to 74 ft lb.

Install pump into timing cover.

Connect all lines.

Install throttle bracket.

Install wiring harness.

Install all fuel line clamps.

Install fuel filters.

Bolt on lift pump.

Prime system.

Install test box to check throttle pot.

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Start machine.

Adjust throttle linkages to bring electronic throttle into spec.

Check for leaks.

Lift pump has small leak.

Order new lift pump.

Installed new lift pump once it arrived.

Wash out under engine.

Install skid plate.

4 gallon bulk brake clean.

69 gallon off road diesel.

<u>PartNumber</u>	<u>Description</u>	<u>Quantity</u>	<u>Net Price</u>	<u>Extended Price</u>	<u>Taxed Ind</u>
AT274030	Spring Washer	2.00			Y
AT274054	Shaft Key	1.00			Y
AT274702	O-Ring	1.00			Y
AT274745	O-Ring	1.00			Y
AT275939	Nut	1.00			Y
BRAKE CLEAN BULK	BULK BRAKE CLEAN IN 55 GALLON DRUM	4.00			Y
LW10125791	FUEL PUMP	1.00			Y
LW10471436	Ball Cock Valve	1.00			Y
<u>Miscellaneous</u>	<u>Description</u>	<u>Quantity</u>	<u>Net Price</u>	<u>Extended Price</u>	<u>Taxed Ind</u>
GAS/FUEL	GAS/FUEL	69.00			N

OL&M Charges:DescriptionValue

Rebuild Injection pump

Gen4- Retail**COMPLAINT:**

Diagnose and repair electrical issue, customer states machine keeps setting park brake.

CAUSE:

Foot pedal potentiometers out of range.

CORRECTION:

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Install pedal tester to check voltages.
Left pedal at 2.404V Spec is 2.6-2.72V.
Adjust potentiometer to 2.65V
Plug in pedal check right steer pedal.
Voltage too high at 2.8V
Adjust pedal to 2.65V
Check middle brake pedal.
Voltage high at 4.8V.
Adjust to 4.6V.
Check harness under cab to pump controls.
Harness p-clamps have been removed to prevent rubbing.
Appears to have no harness damage up top.
While skid plate removed check harness going to pivot shafts.
Harness is in good condition.

Gen5- Retail**COMPLAINT:**

Replace leaking hoses to cab tilt cylinder.

CAUSE:

Hose rubbed on battery and leaking.

CORRECTION:

Tuesday, February 22, 2022 -Ryan
Hose for cab lift cylinder has rubbed against corner of battery.
Batteries have been replaced with larger size.
Loosen battery retaining hardware, try to move batteries to clear hose.
Tighten hardware.
Remove and replace hoses.
Order special 45 degree fitting to crimp on hose to make new hose angle away from battery.
Clean off oil from repairs.
Check cab raise and lower.

<u>PartNumber</u>	<u>Description</u>	<u>Quantity</u>	<u>Net Price</u>	<u>Extended Price</u>	<u>Taxed Ind</u>
X1CA43-6-4	Hose Fitting	4.00			Y
X1CE43-6-4	Fitting	1.00			Y
X471ST-4-RL	Hydraulic Hose	73.00			Y

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Miscellaneous Charges:

Environmental Fees

Service Supplies

Customer PO No:

Tax Exempt No:

Advisor:

Labor:

Parts:

OL&M:

Misc:

Sales Tax:

Total:

\$9,682.74

Received by:

Date: