

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 672G	6008	1DW672GXEA0629460	34422W	

/Diagn - 1 Retail

COMPLAINT:
DIAGNOSE 6WD CODE

CAUSE:
6WD IS INOP

CORRECTION:
FOUND THE PUMP NULL IS OUT OF ADJUSTMENT, THE NULL WAS ADJUSTED/CALIBRATED

Part Number	Description
AT362406	LAMP

672GF2604120 Retail

COMPLAINT:
PUMP NULL ADJUSTMENT

CAUSE:
THE PUMP NULL IS OUT OF ADJUSTMENT

CORRECTION:
THIS JOB INCLUDES ALL REQUIRED STEPS FOR PUMP NULL ADJUSTMENT.

672GF2604102 Retail

COMPLAINT:
6WD CALIBRATION - (BOTH SIDES)

CAUSE:
THE PUMP NULL WAS OUT OF ADJUSTMENT ON BOTH PUMPS

#27 Q

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 672G	6008	1DW672GXEA0629460	34422W	

672GF2604102 Retail

CORRECTION:
CALIBRATE 6WD PUMPS AND MOTORS AND TEST RAN THE MACHINE.

Miscellaneous Charges:
Service Accessories

Please remit payments to Murphy Tractor at the address shown on your monthly statement.

Grand Total: \$918.05

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 672G	7162	1DW672GXEA0629460	34422W	

672GF1044550 Retail
RE555033 EXHAUST GA

/Drive to Hub Retail
COMPLAINT:
04 Drive to hub time

CORRECTION:

Miscellaneous Charges:
Service Accessories

*** DOCUMENT COPY ***

Grand Total: \$2,177.98

Unit #27

2

TERMS AND CONDITIONS

Receipt of above described merchandise and/or labor at prices specified is hereby acknowledged. In the event the same is not fully paid in 30 days, I agree to pay a monthly periodic finance charge at the rate of 1.5% which is an annual rate of 18% on unpaid balances.

Received by: Date:

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 672G	7162	1DW672GXEA0629460	34422W	

/Diagn - 1 Retail

COMPLAINT:

check out machine for throwing codes. they want us to check them out, they did not have any of them.

CORRECTION:

<u>Part Number</u> 57M8598	<u>Description</u> Elec. Connector Terminal
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<u>Miscellaneous</u> FREIGHT	<u>Description</u> FREIGHT & SHIPPING
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/Travel - 1 Retail

COMPLAINT:

02 Travel, to and from field service jobsite

CORRECTION:

<u>Miscellaneous</u> SVCTRUCK	<u>Description</u> MILEAGE CHARGE
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672GF1044550 Retail

COMPLAINT:

03 EGR VALVE - R&I

CORRECTION:

removed old egr valve and cleaned up gasket installed new egr valve and calibrated and run

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>	<u>List Price</u>	<u>Net Price</u>	<u>Extended Price</u>	<u>Taxed Ind</u>
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Unit # 27

Machine ID: 34422W	Make: JOHN DEERE	Model: 672G	PIN: 1DW672GXEA0629460	Hours: 8373
1.00	0.00	HC12281	ROD	
2.00	0.00	AT169864	TIE ROD EN	
2.00	0.00	AT340729	Fabricate - Check Parts Expert	
1.00	0.00	AT340730	Fabricate - Check Parts Expert	
2.00	0.00	AT340735	Hydraulic Hose	
1.00	0.00	FREIGHT	FREIGHT & SHIPPING	

Invoice Notes:
SHIP DIRECT

Total: \$1,436.51

Unit #27
P

TERMS AND CONDITIONS

Receipt of above described merchandise and/or labor at prices specified is hereby acknowledged. In the event the same is not fully paid in 30 days, I agree to pay a monthly periodic finance charge at the rate of 1.5% which is an annual rate of 18% on unpaid balances.

No merchandise may be returned without permission. Claims or returns must be made within 10 days and accompanied by this invoice. Returns are subject to a 15% handling charge. Returns must be in the original package and in resalable condition. No refunds on electronic or fuel injection parts.

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 672G	8373	1DW672GXEA0629460	34422W	

/Diagn - 1 Retail

COMPLAINT:

Check out machine for throwing fault code: hwd 522448.5

CORRECTION:

Checked code. Code is for right reverse braking. Removed top front cover to access HFWD engagement manifold. Wiring tested good. Tested solenoid and it is outside of the spec range. Ordered solenoid and had it shipped to customer. Mike is going to install and calibrate 6WD.

<u>Part Number</u>	<u>Description</u>
AT194990	Solenoid Hydraulic Valve

Comments: DIRECT SHIP PART TO CUSTOMER / DEERE TO ATCHISON CTY.

<u>Miscellaneous</u>	<u>Description</u>
FREIGHT	FREIGHT & SHIPPING

/Travel - 1 Retail

COMPLAINT:

02 Travel, to and from field service jobsite

CORRECTION:

/GOLD PNT INSPECTION Retail

COMPLAINT:

03 Gold Point Inspection

Full multi-point machine inspection performed by qualified technician.

For inspection details see attached inspection report.

CORRECTION:

Unit # 27 2

CONTINUED ON NEXT PAGE->

Invoice To Account No: 12000016

Deliver To:

SERVICE INVOICE

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Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
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JOHN DEERE 672G	8373	1DW672GXEA0629460	34422W	
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/GOLD PNT INSPECTION Retail

Miscellaneous Charges:
Service Accessories

*** DOCUMENT COPY ***

Grand Total: \$1,783.31

Supplied Quantity	Back Order Quantity	Part Number	Part Description	Bin Loc	List Price	Net Price	Extended Price	Tax Ind
Machine ID: 34422W		Make: JOHN DEERE		Model: 672G		PIN: 1DW672GXEA0629460		Hours: 8373
1.00	0.00	HC12281	ROD					
2.00	0.00	AT169864	TIE ROD EN	LL3C2				
2.00	0.00	AT340729	Fabricate - Check Parts Expert					
1.00	0.00	AT340730	Fabricate - Check Parts Expert					
2.00	0.00	AT340735	Hydraulic Hose					
1.00	0.00	FREIGHT	FREIGHT & SHIPPING					

Invoice Notes:
SHIP DIRECT

Total: \$1,436.51

2

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 672G	8891	1DW572GXEA0829460	34422W	

/GOLD PNT INSPECTION Retail

COMPLAINT:

01 Gold Point Inspection

Full multi-point machine inspection performed by qualified technician.

For inspection details see attached inspection report.

CORRECTION:

/Travel - 1 Retail

COMPLAINT:

02 Travel, to and from field service jobsite

CORRECTION:

/Diagn - 1 Retail

COMPLAINT:

check out machine for the battery light coming on machine. the customer checked the voltage at the alternator and it was charging at 25-27 volts.

CORRECTION:

customer is going to replace alternator and repair positive cable at alternator

Part Number	Description
FF101774	ALTERNATOR
Miscellaneous	Description

#27

P

Model/Description:

Meter:

Serial Number:

Eq ID:

Fleet No:

JOHN DEERE 672G

8891

1DW672GXEA0629460

34422W

/Diagn - 1 Retail

FREIGHT

FREIGHT & SHIPPING

Miscellaneous Charges:

Service Accessories

*** DOCUMENT COPY ***

Grand Total: \$1,417.85

#27

Q

TERMS AND CONDITIONS

Receipt of above described merchandise and/or labor at prices specified is hereby acknowledged. In the event the same is not fully paid in 30 days, I agree to pay a monthly periodic finance charge at the rate of 1.5% which is an annual rate of 18% on unpaid balances.

Received by: Date:

Make/Model:	Motor	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 672G	9677	1DW672GXEA0829460	34422W	

672GF999010 Retail

COMPLAINT:

01 TURBOCHARGER AND/OR GASKET, REPLACE

CAUSE:

CORRECTION:

PartNumber	Description
16M6063	SCREW
51M7040	O-RING
51M7041	O-RING
AT301458	CLAMP
AT359297	CLAMP
AT37476	HOSE CLAMP
R520121	CAP SCREW
R521158	GASKET
R524613	Hose Clamp
R535094	GASKET
RE19429	CLAMP
RE40048	CLAMP
SE502429	Turbocharger Raman
T77613	O-RING

Miscellaneous Charges:

Service Accessories

#27

CONTINUED ON NEXT PAGE→

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 672G	9677	1DW672GXEA0829460	34422W	

Total:	\$4,596.91
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TERMS AND CONDITIONS

Received by:

Date:

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 672G	9855	1DW672GXEA0629460	34422W	

/GOLD PNT INSPECTION Retail

COMPLAINT:

01 Gold Point Inspection

Full multi-point machine inspection performed by qualified technician.

For inspection details see attached inspection report.

CAUSE:

CORRECTION:

-
I

/Travel - 1 Retail

COMPLAINT:

02 Travel, to and from field service jobsite

CAUSE:

CORRECTION:

/Drive to Hub Retail

COMPLAINT:

03 Drive to hub time

CAUSE:

CORRECTION:

CONTINUED ON NEXT PAGE->

#27

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 672G	9855	1DW672GXEA0629460	34422W	

/Diagn - 1 Retail

COMPLAINT:

check out machine for throwing ecu 001180.00 Calculated Turbine Inlet Temperature Signal Extremely High, The ECU calculates a turbo turbine inlet temperature above specification. check out machine for throwing a flc 000096.03 fuel level sender open or short, and a pcu 522398.00.

CAUSE:

CORRECTION:

customer said machine was throwing turbo inlet temp codes
opened up the left engine compartment door and found the linkage was broke laying on top of the turbo
checked the vanes of the turbo and found they were sticking
need to replace the turbo on the machine
looked up parts and got with the CSS to get quoted

<u>PartNumber</u>	<u>Description</u>
DZ122257	SENSOR
<u>Miscellaneous</u>	<u>Description</u>
FREIGHT	FREIGHT & SHIPPING

672GP999010 Retail

COMPLAINT:

05 TURBOCHARGER AND/OR GASKET, REPLACE

CAUSE:

CORRECTION:

removed the coolant lines and capped off
removed the air intake and the charge air cooler line off turbo
removed the exhaust short tube and clamp
removed the oil drain tube and the oil supply tube
removed the wiring connectors from the turbo speed sensor and vgt connector
removed the 4 turbo mount bolts

CONTINUED ON NEXT PAGE->

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 672G	9855	1DW672GXEA0629460	34422W	

pulled the turbo off the exhaust manifold
 put on back of truck
 swapped the coolant fittings off the vgt onto the new vgt
 installed new turbo mount gasket
 installed new bolts and bolted down
 installed the oil drain tube with new gasket
 installed the oil supply line
 installed the charge air boot
 installed the air intake
 installed the exhaust and clamp back on
 plugged in the wiring to the speed sensor and the vgt
 hooked up service advisor and did a vgt learn
 started machine and checked for leaks
 no leaks detected

<u>PartNumber</u>	<u>Description</u>
19M8063	SCREW
51M7040	O-RING
51M7041	O-RING
AT301456	CLAMP
AT358297	CLAMP
AT37476	HOSE CLAMP
DZ122257	SENSOR
R520121	CAP SCREW
R521158	GASKET
R524513	Hose Clamp
R535094	GASKET
RE19429	CLAMP
SE502429	Turbocharger Reman
SE502429-CR	CORE for:Turbocharger Reman
T77613	O-RING
<u>Miscellaneous</u>	<u>Description</u>
FREIGHT	FREIGHT & SHIPPING

Miscellaneous Charges:

Service Accessories

CONTINUED ON NEXT PAGE->

MAKE/MODEL:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 672G	9855	1DW672GXEA0629460	34422W	

Total:	\$4,238.95
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TERMS AND CONDITIONS

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Received by:

Date:

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 672G	10035	1DW672GXEA0629460	34422W	

/GOLD PNT INSPECTION Retail

COMPLAINT:

01 Gold Point Inspection

Full multi-point machine inspection performed by qualified technician.

For Inspection details see attached inspection report.

CORRECTION:

/Travel - 1 Retail

COMPLAINT:

02 Travel, to and from field service jobsite

CORRECTION:

/Diagn - 1 Retail

COMPLAINT:

03 General diagnostics

CORRECTION:

Make/Model:	Meter:	Serial Number:	Eq ID:	Fleet No:
JOHN DEERE 672G	10035	1DW672GXEA0629460	34422W	

/Diagn - 1 Retail

customer said machine made a loud popping and grinding noise and threw code for trans clutch B short to ground
operator limped machine back to shop in first gear
took a clutch B solenoid with me
went to customers shop and checked the wiring to the clutch B solenoid
wiring was good
checked code it was stored and only threw code one time
pulled the wiring harness out from console to calibrate the transmission
put through calibration it passed but was making irregular noises
removed the transmission filter and cut open
had some metal shavings in the filter but not too bad
transmission oil smelt burnt bad
removed the lower transmission guards and drained the transmission oil
removed the transmission pickup screen and had metal in the screen
transmission is on its way out
called the CSS and told him to quote out a reman transmission
customer was going to probably get rid of machine since it cost so much to replace transmission

/Drive to Hub Retail

COMPLAINT:

04 Drive to hub time

CORRECTION:

MAKE/MODEL:	METER:	SERIAL NUMBER:	EQUIP:	PRINT NO:
JOHN DEERE 672G	10035	1DW672GXEA0629460	34422W	

/Drive to Hub Retail

Miscellaneous Charges:
Service Accessories

*** DOCUMENT COPY ***

Grand Total: \$1,523.31

TERMS AND CONDITIONS

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Received by:Date: