

PAID

Ck. No.

Date



2901 May Road
Peru, IL 61354
Phone: (815) 224-4711
www.martinequipment.com



Goodfield, IL - (309) 965-2502
Peru, IL - (815) 224-4711
Rock Island, IL - (309) 787-8108
Springfield, IL - (217) 528-4347
Tolono, IL - (217) 485-6755
Cedar Rapids, IA - (319) 365-0515
Dubuque, IA - (563) 588-1950
Columbia, MO - (573) 657-2154
Palmyra, MO - (573) 789-2274



JOHN DEERE

SERVICE INVOICE

Invoice To Account No: 931012

Deliver To:

THACKER FARMS
27499 1800 E. STREET
WALNUT IL 61376

THACKER FARMS
27499 1800 E. STREET
WALNUT IL 61376

Bus Phone: 8153039650
Prv Phone:

Bus Phone: 8153039650
Prv Phone:

Invoice Number: 722342
Invoice Date: 05/26/2023
Location: 6
Work Order Number: 158917
Payment Type: Account
Page: 1 of 4

Make/Model:

Meter

Serial Number:

EQ Id:

Fleet No:

JOHN DEERE 644D

1484

DW644DB510420

10994W

Gen- Retail

COMPLAINT:

REPAIR HYDRAULIC LEAKS
REPAIR LOOSE CENTER PIN BORES
REMOVE RADIATOR AND SEND TO GRAPERS FOR RECORE

DEDUCTED \$1000 IN LABOR

CORRECTION:

4-6-23 T626 Remove engine hoods, unhook transmission cooler, unhook rear lights Remove radiator housing assembly from machine. Remove radiator from housing and pressure wash off for drop off at grapers. Unhook boom lines and electrical wires from front of loader, unhook front drive shaft. Remove two steering cylinders from front half of loader. Remove pivot pin retaining bolts. Put front off machine on jacks and stands. Support counter weight at rear of machine, removed 2 pivot pins and split loader at articulation point. Clean pins and inspect for wear and galling, ordered new pins. Clean pin bores up and inspect for wear, found lower front pin bore all wore out and pushing rubbed through. Removed spherical bearing from top pin bore on front half of loader. 4-7-23 T626 Reseal boom line at control valve, found loose line and fitting, ordered clamps for steal lines to prevent from happening again. Install new hose for loader boom hose, bottom left hose. 4/13/23 T626 Slide rear of machine forward toward front half. Line up pin bores and drop pins in. Hook up boom hoses with new orings. Resplice electrical wires going to front of loader. Lifted front end of machine up and installed drive shaft and steering cylinders. 4/26/23 T626 Install radiator into cooler package, install fan shroud. Mount cooler package on machine. Tighten v-belts. Hook up radiator hoses and add coolant. Install trans cooler and hook up hoses. Top off transmission and hydraulic system. Test run unit and look for hydraulic leaks. Found 6 major leaks. 1 leak at transmission to transmission cooler hose. remove hose and fitting and replaced broken o-ring. Found another leak at transmission pressure line. Remove fitting and reseal pipe side of plug and cut pressure line and install new farrell on compression fitting. From a bad oring on a hose at transmission filter house. replaced oring. Found brake manifold under cab leaking from bottom hose. Replaced both orings. Found a bad hose going from transmission filter housing to top of transmission, replaced hose and o-rings. Found a bad hose from clutch disconnect solenoid to valve in engine bay, replaced hose and o-rings. Found transmission leaking at rear axle disconnect spool, found spool out of adjustment, adjusted spool and resealed with a new seal. 5/1/23 Pull machine back in shop, drain hydraulic tank, remove engine hood and side panels. Un hook hydraulic lines and electrical wires. Remove hydraulic tank and hardware from frame of machine. Remove drive shaft from rear of engine to torque converter Extract broken bolts on torque converter shaft. Clean shafts up and remove torque coverter input shaft seal. Reinstall hydraulic tank and hoses with new o-rings. Refill 5/2/23 Clean up torque converter input shaft seal housing and install new seal. Reinstall hydraulic tank and hoses with new o-rings. Refill hydraulic tank. test run machine and found rear axle leaking around front trunnion on rear axle. Lift machine off ground and inspect for trunnion wear. 5/4/23 T626 Remove rear axle from machine and pressure wash off. 5/5/23 T626 Inspect axle for crack or leak, found crack in front pinion housing. Remove pinion yoke and outer wear sleeve of housing, founded housing cracked more than half the diameter. Check availability on parts. 604 TAKE INPUT QUILL OFF AND TAKE PINION OUT AND TAKE OLD BEARINGS OFF AND PUT NEW BEARINGS ON, CLEAN USE QUILL HOUSING AND ADJUST CONE POINT AND ADJUST END PLAY, HAD TO MAKE A SHIM AND PUT QUILL BACK ON DIFF, DO SOME WELDING ON REAR DIFF SUPPORT AND PUT NEW BUSHING AND SEAL. YOKE CAME IN SO I PUT IT ON. DRAIN DIFF AND PUT NEW OIL IN, PUT DIFF BACK ON MACHINE. RUN MACHINE AROUND.

Put in
file
under
644B loader
OK

Pay now
644D enloader
Repairs

PartNumber

Description

Quantity

Net Price Extended Price Taxed Ind

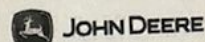
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JOHN DEERE 644D

1484

DW644DB510420

10994W

19H2668	Cap Screw	2.00	\$5.84	\$11.68	N
19H2993	CAP SCREW	1.00	\$2.59	\$2.59	N
19H3239	Cap Screw	2.00	\$1.70	\$3.40	N
24H1111	Washer	4.00	\$0.81	\$3.24	N
24H1305	Washer	2.00	\$0.48	\$0.96	N
26650	1/8 Brass Sleeve	1.00	\$1.10	\$1.10	N
3072291	ISOLATOR	2.00	\$10.94	\$21.88	N
4288929	Clamp	2.00	\$43.05	\$86.10	N
5018	1/8 Comp Union Brass Fitting	1.00	\$4.59	\$4.59	N
56245	#48 St/Steel Hose Clamp	2.00	\$3.67	\$7.34	N
80931	1/2-13 Top Lock Nut Grade C Zinc/Wax	2.00	\$0.65	\$1.30	N
86726	12 St/Steel Hose Clamp	1.00	\$2.19	\$2.19	N
A4540R	O-RING	1.00	\$5.10	\$5.10	N
AA10570	Seal	1.00	\$25.05	\$25.05	N
AM1074T	Breather	1.00	\$64.58	\$64.58	N
AR39052	Seal	2.00	\$8.28	\$16.56	N
AT61250	Seal	2.00	\$24.43	\$48.86	N
AT64325	Seal	1.00	\$102.80	\$102.80	N
AT90448	Pin	1.00	\$610.59	\$610.59	N
AT90451	Pin	1.00	\$673.54	\$673.54	N
JD10377	Bearing Cone	1.00	\$111.09	\$111.09	N
JD8255	Bearing Cup	1.00	\$37.72	\$37.72	N
JD8280	BEARING CU	1.00	\$79.58	\$79.58	N
JD9078	BEARING CO	1.00	\$77.00	\$77.00	N
R100500	SEAL	1.00	\$20.67	\$20.67	N
R107600	Yoke	1.00	\$187.50	\$187.50	N
R26149	Packing	1.00	\$2.37	\$2.37	N
R26448	O-RING	1.00	\$1.69	\$1.69	N
R27796	O-Ring	1.00	\$5.48	\$5.48	N
R28782	O-Ring	1.00	\$1.43	\$1.43	N
R29936	O-RING	1.00	\$3.82	\$3.82	N
R35365	SHIM	2.00	\$3.38	\$6.76	N
R35366	SHIM	2.00	\$3.25	\$6.50	N
R35367	Shim	2.00	\$4.85	\$9.70	N
R48685	OWEL PIN	1.00	\$8.95	\$8.95	N

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Payment Type: Account

Page: 4 of 4

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
JOHN DEERE 644D	1484	DW644DB510420	10994W	

\$100.00

Service Supplies

Labor: \$16,483.42	Parts: \$4,528.21	OL&M: \$6,630.00	Misc: \$355.00	Sub-Total: \$27,996.63
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Customer PO No:
Tax Exempt No: 37-1303049
Advisor: CHAD LAMBERT

Labor:	\$16,483.42
Parts:	\$4,528.21
OL&M:	\$6,630.00
Misc:	\$355.00
Sales Tax:	\$0.00
Total:	\$27,996.63

TERMS AND CONDITIONS

TERMS: All accounts due 30 days from date of invoice. A FINANCE CHARGE of 1.5% (ANNUAL PERCENTAGE RATE OF 18%) will be added to unpaid balance. Merchandise must be returned within 30 days - 15% restocking charge.

Received by:

Date:



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R55523	Bushing	1.00	\$49.10	\$49.10	N
RE33887	Seal	1.00	\$37.16	\$37.16	N
RE35235-S	HOUSING	1.00	\$625.00	\$625.00	N
T39993	Shim	1.00	\$16.55	\$16.55	N
T39994	Bolt	2.00	\$33.13	\$66.26	N
T40531	Shim	2.00	\$29.98	\$59.96	N
T40532	Shim	2.00	\$22.57	\$45.14	N
T50067	SEAL	2.00	\$20.22	\$40.44	N
T68729	O-Ring	1.00	\$3.60	\$3.60	N
T77613	O-RING	7.00	\$1.43	\$10.01	N
T77814	O-RING	7.00	\$1.33	\$9.31	N
T77857	O-RING	4.00	\$1.46	\$5.84	N
T77858	O-RING	4.00	\$1.67	\$6.68	N
T78313	O-RING	5.00	\$4.97	\$24.85	N
T78612	O-RING	2.00	\$2.65	\$5.30	N
T81148	O-RING	1.00	\$32.66	\$32.66	N
TY22028	Radiator Hose	16.00	\$22.20	\$355.20	N
TY26577-S	BULK HY-GARD	5.00	\$14.82	\$74.10	N
X11577-16-16	50/50 COOL-GARD	1.00	\$110.06	\$110.06	N
X11777-16-16	HOSE FITTI	1.00	\$123.00	\$123.00	N
X1J543-4-4	HOSE FITTI	1.00	\$29.18	\$29.18	N
X1J943-4-4	Elbow Fitting	1.00	\$26.14	\$26.14	N
X1J943-4-4	Elbow Fitting	2.00	\$28.16	\$56.32	N
X1J943-6-6	Elbow Fitting	63.00	\$0.97	\$61.11	N
X471ST-4-RL	Hydraulic Hose	48.00	\$1.05	\$50.40	N
X471ST-6-RL	BULK HOSE	4.00	\$7.62	\$30.48	N
X51H-16	Flange Fitting	55.00	\$5.83	\$320.65	N
X797TC-16-RL	HOSE				
<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	\$245.00	\$245.00	N

OL&M Charges:

Description

CENTER PIN BORE MACHINE WORK
RADIATOR RE-CORE

Value

\$2,531.11

\$4,098.89

Miscellaneous Charges:

Environmental Fees

\$10.00

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