



WEST-EQUIP.COM

Now with 21 LOCATIONS TO SERVE YOU!

4501 East Main St. P.O. Box 391 Weatherford, OK 73096 (580) 772-5578

SERVICE INVOICE

Invoice To Account No: 7496

Deliver To:

Estes Farms Jerry Estes 5725 W OKC RENO STREET EL RENO OK 73036 Bus Phone: Prv Phone:

Estes Farms 5725 W OKC RENO STREET EL RENO OK 73036 Bus Phone: Prv Phone:

Invoice Number: 4027913 Invoice Date: 09/26/2023 Location: 02 Work Order Number: 687557 Payment Type: Account Page: 1 of 4

Table with 5 columns: Make/Model, Meter, Serial Number, EQ Id, Fleet No. Row 1: john deere 4450, 1847, RW4450H021198, EF021198

4450-1106/EM/10 Retail

COMPLAINT:

01 Diagnostics and Troubleshooting.

POSSIBLE LIFTER ISSUE

CORRECTION:

audible knocking heard from engine. Customer thought it was possibly a lifter. I however thought that it sounded like a rod knock. Determined best course of diagnostic was to pull the oil pan and look up at the cam lobes and check rod bearings while there. Found the #4 cylinder to have a spun rod bearing and the other rod bearings had signs of being starved for oil. I also found the transmission to be full of engine oil and the engine itself was low. I believe the rear main seal went out and let the engine pump its oil into the transmission before the operators checked the oil again. This scenario would explain the oil in the transmission and the lack of lubrication that the engine experienced.

Table with 6 columns: PartNumber, Description, Quantity, Net Price, Extended Price, Taxed Ind. Lists various parts like Nut, CAP SCREW, SPRING PIN, Elec. Connector Seal, DIPSTICK T, AIR FILTER, FILTER ELE, SENDER, FUEL, COOLANT HE, PRIMER, SEALANT, FREON, SEALING WA, O-RING, GASKET, KEY.

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Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
john deere 4450	1847	RW4450H021198	EF021198	

		Quantity	Net Price	Extended Price	Taxed Ind
R59294	SEALING RI	6.00	\$1.81	\$10.86	Y
R67092	SEAL	3.00	\$4.91	\$14.73	Y
R73189	V-BELT	1.00	\$10.30	\$10.30	Y
R78058	ELEC. CONN	5.00	\$1.12	\$5.60	Y
R79605	WASHER	1.00	\$3.02	\$3.02	Y
R99286	GASKET	1.00	\$44.41	\$44.41	Y
RE10713	ADAPTER	2.00	\$177.88	\$355.76	Y
RE11414	Shifter Rod	1.00	\$59.83	\$59.83	Y
RE12363	ELECTRICAL	1.00	\$2.51	\$2.51	Y
RE15583	ENGINE OIL	1.00	\$65.92	\$65.92	Y
RE39116	NEUTRAL ST	1.00	\$50.09	\$50.09	Y
RE65265	HAND PRIME	1.00	\$43.61	\$43.61	Y
SE500042	Basic Diesel Engine Reman	1.00	\$16,624.67	\$16,624.67	Y
SE500042-CR	CORE for:Basic Diesel Engine Reman	-1.00	\$1,700.00	-\$1,700.00	Y
SE501111	INJECTION NO	6.00	\$149.09	\$894.54	Y
TY22028S	Shop Hy-Gard	13.00	\$23.02	\$299.26	Y
TY22420	.250 ID WATER,VACUUM HOSE	120.00	\$0.04	\$4.80	Y
TY22462	CLAMP	2.00	\$1.47	\$2.94	Y
TY26101	BRAKE CLEANER	3.00	\$7.72	\$23.16	Y
TY26576	COOL-GARD 2.5G	3.00	\$39.63	\$118.89	Y
TY26661	Break-in Plus-GAL 10W-30 N/A	5.00	\$29.99	\$149.95	Y
<u>Miscellaneous</u>	<u>Description</u>	<u>Quantity</u>	<u>Net Price</u>	<u>Extended Price</u>	<u>Taxed Ind</u>
3750	FREIGHT	1.00	\$86.50	\$86.50	N

Labor: \$525.60 Parts: \$17,831.95 OL&M: \$0.00 Misc: \$86.50 Sub-Total: \$18,444.05

4450-1000/10 Retail

COMPLAINT:

02 ENGINE - Remove & Install

CORRECTION:

R&I engine
Drained oil
Drained coolant
Removed hood
Disconnected hydraulic pump drive and support

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EL RENO OK 73036

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Bus Phone:
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Invoice Number: 4027913
Invoice Date: 09/26/2023
Location: 02
Work Order Number: 687557
Payment Type: Account

Page: 3 of 4

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
john deere 4450	1847	RW4450H021198	EF021198	

- Disconnected A/C Quick couplers, lines, hoses, linkages, and wiring harnesses
- Supported rear of tractor and engine
- Secured front axle pivot and steering
- Supported front end and side frames
- Unbolted side frames from engine
- Split front end & side frames from engine, clutch, & trans
- Supported engine with suitable lifting device
- Unbolted engine from clutch housing

NEW ENGINE INSTALLED AT 1847 HRS!!!

Labor: \$2,271.92 Parts: \$0.00 OL&M: \$0.00 Misc: \$0.00 Sub-Total: \$2,271.92

Gen 10 Retail

COMPLAINT:

03

SWAPPING OVER ENGINE PARTS

CORRECTION:

Removed muffler and muffler mount. Removed turbo oil line. Removed turbo. Removed exhaust manifold. Removed Intake manifold. Removed water manifold. Removed turbo oil drain adapter and reinstalled on new engine. Installed new o-ring in oil drain adapter. Removed engine fan. Loosened alternator and removed fan belts. Removed fan. Removed fan mounting bracket. Removed crank dampener and pulley assembly. Removed Alternator bracket and alternator. Removed fuel injector lines between injector and injection pump. Removed line hold bracket and lines. Removed fuel injector return lines and disassembled. Replaced all rubber seals and reassembled. Installed new injectors in new engine. Removed fuel line from fuel filter housing to injection pump. Removed aneroid lines from injection pump. Removed low pressure fuel pump lines from tank to filter. Removed front access cover and Removed Injection pump gear. Removed nuts from injection pump studs and removed injection pump. Removed clutch assembly. Removed flywheel. Removed oil galley fittings from block and installed on new block. Removed turbo oil supply line from old engine and installed on new engine. Removed fuel filter assembly and installed on new engine. Installed flywheel on new engine according to TM. Removed valve cover of new engine and set engine to TDC #1 compression stroke. Installed injection pump according to TM. Reassembled all removed components in reverse order with new gaskets and seals where applicable. Cleaned all block sealing surfaces to prep for gaskets where needed. Installed new coolant temp sensor. Installed new fuel hand primer pump. Performed clutch adjustment per TM specs. Reassembled engine in frame and rolled tractor half's together. Filled with new cool-guard coolant and break-in plus oil. Filled trans with diesel fuel to flush contaminated oil out of hydraulic system. Ran for 5 min to allow flush to go through hydraulic system. Drained, and changed filters. Filled with new hy-guard oil. Washed tractor without hood/panels on to remove all old oil and grease. Ran around yard briefly and checked for leaks. Found two leaks. One leak was for the cooler return line and the other was the cooler pressure line. Fixed both leaks. Noticed that the A/C was not cooling. Checked A/C pressures and found them to be low. Charged A/C and verified it was working correctly. Ran tractor through its break-in period on the PTO dyno. Peak HP witnessed was 153 HP. Reinstalled all panels and hood. Checked over engine and tractor to make sure all components were tight and securely fastened. Washed and parked in go home line.

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Invoice Number: **4027913**
Invoice Date: 09/26/2023
Location: 02
Work Order Number: 687557
Payment Type: Account

Page: 4 of 4

Make/Model:	Meter	Serial Number:	EQ Id:	Fleet No:
john deere 4450	1847	RW4450H021198	EF021198	

Labor: \$7,264.44	Parts: \$0.00	OL&M: \$0.00	Misc: \$0.00	Sub-Total: \$7,264.44
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Customer PO No:	
Tax Exempt No:	
Advisor:	Jim Barnett

Labor:	\$10,061.96
Parts:	\$17,831.95
OL&M:	\$0.00
Misc:	\$86.50
Sales Tax:	\$1,687.35
Total:	\$29,667.76

TERMS AND CONDITIONS

All returns must occur within 30 days of purchase and must be accompanied by this invoice. Special order and electrical components are not returnable. I hereby certify that the tax exempt items sold on this invoice are to be used only for agricultural production business purposes.

Received by:

Date:



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PARTS INVOICE

Estes Farms 5725 RENO W EL RENO OK 73036 US Bus Ph: Prv Ph:	Estes Farms 5725 RENO W EL RENO OK 73036 US Bus Ph: Prv Ph:	Invoice No: 4110947 Date: 1/12/2024 Page: 1 of 1 Payment Type: Credit Card
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Supplied Quantity	Back Order Quantity	Part Number	Part Description	Bin Loc	List Price	Net Price	Extended Price	Tax Ind
1.00	0.00	A-AR96902	Oil Cooler		644.56	644.56	\$644.56	N

Customer PO No:	
Tax Exempt No:	EXM1359501803-26
Salesperson:	RYAN ROULET

Parts:	\$644.56
Misc:	\$0.00
Sales Tax:	\$0.00
Deposit:	\$0.00
Total:	\$644.56

Credit Card Information Merchant ID:

Terminal ID: 0 Client ID:

Appl Label	Masked PAN	Card Entry	RESULT	Auth	AID	TVR	TSI	ARC	IAD	TC	CVM	Total
					3346							\$644.56

TERMS AND CONDITIONS

Full payment is due upon receipt of statement. No finance charges will be assessed on accounts paid within 30 days of purchase. Invoices not paid within 30 days will be assessed a 1 1/2% finance charge each month (18% annual percentage rate)

The original purchaser may make a return (electrical components are non-returnable) in its original condition, original packaging and accompanied by this invoice within 30 days of the date of purchase. Delivery and any shipping charges are non-refundable. If the return is after the 30-day window, then a restocking fee will be charged. All cores or warranty items must be returned in original packaging and be accompanied by this invoice to receive credit. I hereby certify that the tax-exempt items sold on this invoice are to be used only for agricultural production business purposes.

Received by: Date: