

www.washingtontractor.com

731 F Street SE Quincy WA 98848 Phone: (509) 787-4553 Fax: (509) 787-2531

Lynden WA (360) 354-2186 Ellensburg WA (509) 962-6801 Quincy WA (509) 787-4553 Poulsbo WA (360) 930-0095 Okanogan WA (509) 422-3030 Mount Vernon WA (360) 424-7995

Chehalis WA (360) 748-9944 Olympia WA (360) 491-2503

Aberdeen WA (360) 533-6393

Sumner WA (253)-863-4436



SERVICE INVOICE

Toli Free: (800) 423-9943 Snohomish WA (425) 334-4048 Yakima WA (509) 452-2880 Invoice To Account No: Deliver To:

INVOICE TO ACCOUNT NO.	Deliver To.	SER	AICE HAACICE
Internal Used Stock No. 194029 (Sold)	Internal Used Stock No. 194029 (Sold)	Invoice Number:	397794
		Invoice Date:	3/31/2014
		Location:	7
		Work Order Number:	42906
		Payment Type:	Account
Bus Phone:	Bus Phone:		
Prv Phone:	Prv Phone:		
		Make/Model: JHN [	DEERE 8420T TRACK TR
		Meter Reading:	
		Serial Number:	RW8420T901256
		Equipment Number:	G4080
		Fleet Number:	
		Page:	1 of 6

Gen- Internal

COMPLAINT:

Replace front and rear dampner on tractor. Repairs approved by Ken B.

CAUSE:

## CORRECTION:

brought in track machine drained the engine coolant out of it removed lower radiator hose removed dampener bolts and washer re installed the bolt to protect the threads installed the puller tool and removed the front dampener, replaced the key in the shaft put new dampener on used a bolt that was one inch longer then the actual bolt to start to pull the dampener on then replaced with a new bolt and washer torqued to specification in the book reinstalled the lower radiator line and filled with coolant, put the hood in the service position removed the bracket and flywheel cover removed the nine bolts that hold the input shaft to the dampener then removed the 8 bolts that hold the dampener to the fly wheel removed old dampener reinstalled the new one torqued the 8 bolts that hold the dampener to the flywheel and used the special tool to torque the 9 bolts hold the damper to the input shaft and reinstalled the shields

Removed back cover of machine. Unhooked SSU and removed from machine, cleaned outside of controller with compressed air. split wedge box. Removed Eprom Chip. ordered parts, Once parts arrived installed new chip. Installed diagnostic fuse. Could not find SSU controller on CAN network. Unhooked connector. Checked power at #8 fuse. fuse good. power on both sides of fuse. Used service adviser and pulled up wiring diagram of SSU controller checked Pins E2 and E3 which are power and grounds to SSU. Both Circuits good. Checked 924 and 925 CAN communication lines both circuits are also good. Split wedge box again. Checked ALL pins on EPROM chip. all look good, Removed and rotated chip 180 degrees as it could be installed incorrectly. Installed chip. reinstalled wedge box. hooked up SSU, installed diagnostic fuse and checked the CCD NETWORK for the SSU. SSU is now sending and receiving messages properly over network, removed diagnostic fuse, started machine. pulled out of shop, installed flow meter to heat hydraulic oil. Accessed SSU 20 and performed CP1 calibration. Heated hydraulic oil to 140 degrees. Set transmission to 3rd gear and performed SSU CP2 calibration, double checked SSU addresses and verified correct input, parked machine.

Labor Subtotal:

\$1074.74

Parts / Misc Items:

Part Number 19H2676

<u>Description</u> CAP SCREW Quantity 6.00 **List Price** 0.52 **Net Price** 0.52 Extended Price

\$3.12

Taxed ind



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\$1141.71

Sub-Total: \$2,216.45

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Internal Used	Stock No. 194029 (Sold)	Internal Used	Stock No. 194029 (Sold)		Invoice Numb	er:	39	97794
					Invoice D	ate:	3/3	1/2014
					Locat	ion:		7
					Work Order Numl	oer:		42906
					Payment Ty	pe:	A	ccount
Bus Phone:		Bus Phone:						
Prv Phone:		Prv Phone:		][_			•	
				Γ	Make/Mo	del: DHN DEE	RE 8420T TRA	CK TR
				ı	Meter Read	~		
					Serial Numi		RW8420T	
					Equipment Numl			G4080
						ge:		2 of 6
19M7835	SCREW			L. 8.0		1.19	\$9.52	 N
24M7240	WASHER			9.0	0.71	0.71	\$6.39	N
R26333	WASHER			1.0	7.00	7.00	\$7.00	N
R523306	KEY			1.0	0 5.51	0.00	\$0.00	N
R79846	CAP SCREV	v		1.0	3.83	3.83	\$3.83	N
RE213694	TORSIONAL			1.0	742.45	742.45	\$742.45	N
RE57603	TORTIONAL			1.0	369.40	369.40	\$369.40	N

Misc: \$0.00

OL&M: \$0.00

Parts: \$1,141.71

/ok-gen2 Internal COMPLAINT: Adjust valves on engine.

Labor: \$1,074.74

Parts Subtotal:

CAUSE:

CORRECTION:

tractor was in the shop hood was removed to be replaced removed the breather line on top of the valve cover removed the bolts that hold the valve cover on removed the valve cover removed the wires off of the electronic injectors removed the housing that the valve cover bolts too. i pined the engine at #1 tdc adjusted the valves accordingly torqued the jam nuts rotated the engine another 360 degrees so that #6 was at tdc adjusted valves accordingly then torqued the jam nuts cleaned the sealing surface and put the housing that the valve cover bolts onto back on hooked up all of the injector wires cleaned the valve cover surface re installed the valve cover hooked the breather line back up and removed the timing pin



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	41 	Location:	7
		Work Order Number:	42906
		Payment Type:	Account
Bus Phone:	Bus Phone:		
Prv Phone:	Prv Phone:	771117	
		Make/Model: OHN DE	ERE 8420T TRACK TR
		Meter Reading:	
		Serial Number:	RW8420T901256
		Equipment Number:	G4080
		Fleet Number:	
		Page:	3 of 6
Labor Subtotal:			\$252.00
Parts / Misc Items:			

Parts / Misc Items: Part Number 19M7789	Description SCREW	Quantity 9.00	<u>List Price</u> 1.02	Net Price 1.02	Extended Price \$9.18	Taxed Ind N
19M7834	SCREW	4.00	2.08	2.08	\$8.32	N
21M7490	SCREW	4.00	1.23	1.23	\$4.92	N
24M7240	WASHER	1.00	1.24	1.24	\$1.24	N
40M7030	Snap Ring	1.00	1.89	1.89	\$1.89	N
R502598	SEAL /	1.00	26.70	26.70	\$26.70	N
R502719	SEAL	1.00	24.70	24.70	\$24.70	N
R504093	SEAL	4.00	3.31	3.31	\$13.24	N
05089	BRAKLEEN, CHLORINATED	2.00	4.45	4.45	\$8.90	N
Miscellaneous 3750	<u>Description</u> Shipping & Handling	Quantity 1.00	List Price 16.00	Net Price 16.00	Extended Price \$16.00	Taxed Ind N
Parts Subtotal: Misc Items Subtotal:						\$99.09 \$16.00

Misc: \$16.00

OL&M: \$0.00

/ok-gen3 Internal

Labor: \$252.00

COMPLAINT:

Stock order new hood and decals for tractor and install.

Parts: \$99.09

CAUSE:

Sub-Total: \$367.09



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		Fleet Number:		
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CORRECTION:

Installed top portion of hood and ordered side panels because the entire hood comes in three pieces. The side panels and additional time for install will be billed out when it is completed on a seperate work order.

Labor Subtotal: \$643.00

Parts / Misc Items:

Part Number R166683	<u>Description</u> Label	Quantity 1.00	<u>List Price</u> 52.52	Net Price 52.52	Extended Price \$52.52	Taxed Ind N
R166684	Label	1.00	52.52	52.52	\$52.52	N
R166712	Label	2.00	12.79	12.79	\$25.58	N
RE202575	Bracket	1.00	153.19	153.19	\$153.19	N
RE215791	Hood	1.00	4,348.81	4,348.81	\$4,348.81	N
Parts Subtotal:					;	\$4632.62

Labor: \$643.00 Parts: \$4,632.62 OL&M: \$0.00 Misc: \$0.00 Sub-Total: \$5,275.62

/ok-gen4 Internal COMPLAINT:

Replace two bad mid rollers.

went through parts and ordered items needed to change out mid rollers.

CAUSE:

CORRECTION:



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			Payment Type:	Account
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Prv Phone:	Prv Phone:			
			Make/Model: JHN DEEI	RE 8420T TRACK TR

Meter Reading:

Serial Number:

RW8420T901256

Equipment Number:

G4080

Fleet Number: Page:

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Jack up tractor and disassemble mid roller. Remove retainer with puller. Heat new retainer and drive on spindle. Install new seals, bearings and cups. Torque to spec. Seal cap and fill with oil. Repeat on opposite side. Drive tractor and check for leaks.

## Labor Subtotal:

\$640.00

Parts / Misc Items:						
Part Number 19H3530	Description Cap Screw	Quantity 4.00	<u>List Price</u> 1.05	Net Price 1.05	Extended Price \$4.20	Taxed Ind N
19M8318	SCREW	1.00	2.45	2.45	\$2.45	N
24M7047	WASHER	4.00	1.03	1.03	\$4.12	N
24M7106	WASHER	1.00	0.72	0.72	\$0.72	N
24M7298	WASHER	3.00	1.09	1.09	\$3.27	N
JD9070	BEARING CO	4.00	18.98	18.98	\$75.92	N
JD9170	BEARING CU	4.00	12.24	12.24	\$48.96	N
R136195	RETAINER	2.00	142.58	142.58	\$285.16	N
R151692	LOCK WASHE	2.00 3.00	6.71	6.71	\$13.42	N
R184640	LOCK WASHE Screw	3.00	1.79	1.79	\$5.37	N
R194717	Spacer	1.00	12.30	12.30	\$12.30	N
R200966	LOUVER	1.00	247.51	247.51	\$247.51	N
R200967	LOUVER	1.00	247.51	247.51	\$247.51	N



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						Make/N	fodel: DHN DE	EERE 8420T T	RACK TR
						Meter Rea	ading:		
					İ	Serial Nu		RW8420	0T901256
						Equipment Nu			G4080
						Fleet Nu			
					Ĺ		Page:		6 of 6
RE165014	WHEEL, MID ROLL	_ER			2.00	407.00	407.00	\$814.00	N
RE62718	SEAL				2.00	80.89	80.89	\$161.78	N
TY22028Q	HY-GARD HYD/TR	ANS OIL 1	QUART		1.00	3.50	3.50	\$3.50	N
<u>Miscellaneous</u> 3750	Description Shipping & Handling	9			Quantity 1.00		Net Price 8.00	Extended Price \$8.00	<u>Taxed Ind</u> N
Parts Subtotal: Misc Items Subtotal:									\$1930.19 \$8.00
Labor: \$640.00	Parts: \$1,930.19	OF	&M: \$0.	00	Misc	: \$8.00	Sub-To	otal: \$2,578.1	9
Miscellaneous Charges: SERVICE ACCESSORIES	INVOICE CONTAIN		SCOUNT						\$50.00
			Allena Maria				Lal	bor: \$2	2,609.74
Customer PO No:									7,803.61
Tax Exempt No: ON FIL								&M:	\$0.00
Advisor: JOYCE	LAMBERT	"Was			P."			isc:	\$74.00
							Sales 1		\$0.00
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## TERMS AND CONDITIONS

Terms: Payment is due the 10th of the month following purchase. A Service Charge of 1.5% per month (Annual Percentage of 18%) will be charged on past due balances. Service charges are added to the statement and become part of the principal obligation to Washington Tractor. All exchanges and refunds must be accompanied by the original signed invoice. Special order parts can only be returned if part is returnable to vendor, and Washington Tractor deems that it is in new condition. Special orders will be charged a 20% restocking fee plus freight. No return on electrical parts or parts being returned after 90 days of original sale date. Any parts returns greater than \$50 originally paid for via cash or check will be reimbursed by check from our main office.

Described by:		
	Received by:	Date: