

**Repsch Agri-Parts & Sales Ltd.**

64 Wynn Place  
Yorkton, SK S3N 4A3

**Invoice**

Date	Invoice #
2019-05-06	

Invoice To

**PAID**  
**2019-06-11**

Serial No.	Make/Model
rw7830a008648	JD7830

Invoice Emailed/Faxed/Mail...	P.O. #
aug28/25	

Item	Description	Qty	Rate	Amount
15W40	Engine oil	40	3.59	143.60
Enviro oil charge	Environmental charge on all bulk oil only	40	0.05	2.00
	***** ENGINE HRS 9095 *****			
Laptop analysis CIH ...	Flat rate fee of lab top hook up and download info and clear all faults and trouble shoot AG EQUIPMENT IN CIH, NH, JD EQUIP		150.00	150.00
RE51944	speed sensor JD 7830	2	65.08	130.16
SE502146	complete reman engine 7830		23,825.91	23,825.91
SE502146-CR	core for reman enginejd7830		-3,128.00	-3,128.00
RE226366	rad for 7830 JD		2,006.33	2,006.33
R245223	main fan belt 7830 JD		118.91	118.91
Heavy Duty Antifreez...	Heavy duty antifreeze Red or Green 20L pail of 50/50 mix for Ag use includes enviro fee	1	58.95	58.95
Heavy Duty Antifreez...	Heavy Duty Antifreeze 4L, Concentrate Green		18.95	18.95
Heavy Duty Antifreez...	Heavy Duty Antifreeze 50/50 4 L jug (green) #9150 part number	3	12.95	38.85
Shop supplies/materials	Shop Supplies		195.00	195.00
Labour	customer complaint that engine wont run --- had to use 2 forklifts to get into shop and lift up front end to turn wheels --- hook up laptop and go through codes -- had turbo codes and various other codes --- diagnose speed sensors as codes were up install 2 new speed sensors --- tractor still spun over but wouldn't start --- computer crashed and had to get JD to come and load compression values and fuel -- tried unhooking main fuel rail pressure sensor to trick computer so it would start up -- still wouldn't start and once had readings for compression there was very little 35-50 ---- inform customer that engine needs to be replaced as it failed -- customer decided to replace with complete reman as he got a quote of parts and labour with price --- remove loader from tractor --- had to remove heavy side supports from tractor for loader mounts --- remove side panels and hood from tractor --- wash engine for 1 hr and blow all straw off which was full in front and around batteries and rear driveline --- remove lines overtop of engine -- remove all front supports and cowl around to get rads up front --- service tech spent 4 hrs cleaning intercooler and condenser -- install new Aluminum rad --- rads were completely plugged --- remove alternator and send away to get checked --- alternator stator was fried and needed to be replaced --- remove all connections from sensors and mark each one with tape to where they go --- starter relay studs broke when removing wiring --- remove heat shield -- remove starter --- remove complete engine from frame --- once engine was out washed complete inside frame again --- install new ujoins on main engine driveline as they were orginal yet --- had to remove main fan and hub drive --- found plastic fan was cracked all the way around and needs to be changed --- install new brgs in fan drive hub --- engine was complete except for rear mount and flywheel, starter alternator --- note engine was completely painted even	46	118.00	5,428.00
Phone #	Fax #	E-mail	Web Site	<b>Total</b>
1(306)-728-4340	1(306) 728-4416	brent@repschag.com	www.repschag.com	<b>Balance Due</b>

GST/HST No.

874384506

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	exhaust as it may create smoke and stink from paint --- install break in oil 10w-30 as thats what recommended --- install all parts on engine and install back in frame -- lift up old engine and drain oil and antifreeze and install back on engine stand and take back for core --- install new rad mounts and top and bottom rad seals that go across rads -- install new rad --- install new mounts --- assemble intercooler and condenser in front with rad shrouds -- install engine and hook up all harnesses and main drive line -- loctite all bolts --- install new antifreeze --- engine came with all new filters installed --- clean out aspirator as it was 85% plugged also intake for turbo hose had a hole in feed ing turbo -- install new air and rad hoses on engine -- install new engine air filters inner and outer ---- assemble lines on top of engine --- install new fan belt and engine tensioner ---start engine and run for 5 mins --- check all fluids -- hook up a/c after checking with nitrogen for leaks -- vacuum 20 mins and charge up 4.5 lbs -- system needed 1.5lbs of freon --- run a/c everything works -- drive tractor around for 10 mins and hook up lab top again to check for codes -- no codes present except for auto steer -- install hood and put new grill in hood for customer --- install loader frames -- install loader---- when removing fender mounts bolts broke off and had to be drilled out -- had to use the torch as well to blow out rest of material ---			
freight			49.95	49.95
RE245935	plastic fan		454.99	454.99
R258919	rad seal		158.93	158.93
R226682	rad seal		182.97	182.97
Re60720	isolator	2	89.93	179.86
Re582501	engine belt tensioner		352.92	352.92
Re196945	primary air filter 7830		131.33	131.33
Re181915	secondary air filter		82.46	82.46
R259248	hose	2	37.88	75.76
R259319	hose		30.10	30.10
R240444	hose		37.28	37.28
R248704	hose	2	31.33	62.66
R196306	hose		34.12	34.12
R226483	rad hose		95.88	95.88
R254016	seal		28.82	28.82
R305836	hose		15.38	15.38
Re52347	ujoint	2	230.36	460.72
Re170320 JD	starter relay		52.97	52.97
Re582551	new updated rad flow tank		207.05	207.05
Sublet	JD service call 355.64		355.64	355.64
Sublet	Out of shop service alternator stator was fried		395.00	395.00
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6208	6208 Bearing		26.98	26.98
6207LLUC3	6207 Bearing		23.95	23.95
ty26643	10w-30 break in oil 4 litre	2	28.03	56.06
ty26663	10w-30 break-in oil		123.34	123.34
Enviro per 20litre pail	Enviro per 20litre pails on all oils including engine, hydraulic, gear oil and synthetic oils		3.00	3.00
Enviro oil charge	jugs of 10-30		1.20	1.20
DZ102078	7830 block heater		209.54	209.54
85-6163B cable tie	23 inch cable tie	2	1.45	2.90
H176	5/16 Fuel Hose 1ft	4.25	3.64	15.47
5/8 Heater hose-28401	5/8 heater hose	3	1.99	5.97
705-1229	Hose Clamp		1.55	1.55
773.14	1/4" Split poly loom, black nylon		0.45	0.45
H177	3/8 Fuel Hose 1ft	3	4.05	12.15
M. M6-20 (hmc6.20)	Metric Bolt, 6mm-1.0 x 20mm		0.25	0.25
M. M6 Lock Washer	Metric lock washer		0.12	0.12
M. M8-30 (hmc8.30)	Metric Bolt, 8mm-1.25 x 30mm	2	0.60	1.20
G60698-0010	flat face orings		1.10	1.10
High Pressure Metric ...	high pressure metric orings	3	1.95	5.85
22701	Bushing	7	0.30	2.10
A/C Machine Flat rate	A/c flat rate of hookup and use of 134a		95.00	95.00
134A freon	freon	1.5	27.50	41.25
Nitrogen	nitrogen		60.00	60.00
M. M12-30 (hmc12.30)	Metric Bolt, 12mm-1.75 x 30mm		1.05	1.05
M. M12 Washer	Metric Flat Washer		0.15	0.15
M. M8-30 (hmc8.30)	Metric Bolt, 8mm-1.25 x 30mm		0.60	0.60
	GST on sales		5.00%	1,656.23
Phone #	Fax #	E-mail	Web Site	<b>Total</b> \$34,780.91
1(306)-728-4340	1(306) 728-4416	brent@repschag.com	www.repschag.com	<b>Balance Due</b> \$0.00

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