



SERVICE COMMITTED

Document: 04-410704 PO: 2024-00004158
Date: 1/17/2024 CustId: YONKERS PS

Cust Email: accountspayable@yonkersny.gov
Phone: (914) 376-8037
Salesperson: dclarke
User: erichmond

Bill To:
Yonkers Public Schools
accountspayable@yonkersny.gov
joan.heslop@yonkersny.gov
Yonkers, NY 10701 US

Ship To:
Yonkers Public Schools / Lincoln Maint
375 Kneeland Ave.
Yonkers, NY 10704 US
(914) 376-8383 x

Req. 2024-6380

Jaclyn 914-376-8383
Rich 914-804-3498
Eddie 914-220-2764

PO: 2024-00004158
PO: 2024-00004862

Please call or email any questions regarding proposed work to be done. Upon approval, sign and return quote to begin repairs.

Opened: 1/17/2024
Work Order No: 04-410704
Pickup Date:
Unit No: 59924
Unit Serial: 1797
Unit Desc: HR 9016
Unit Meter: 2,288.0 Hours

Responsible Tech: smcnamara
My Ref: Q HR9016
Delivery Date:
Unit Make: Jacobsen
Unit Model: JMC.70539
Unit Tag:

Q HR9016 Overheating/Shutting down

Item	Type	Description	Qty	Tax	Price	Discount	Net Price
Diagnosis		<p>Diagnosis</p> <p>Quote for pickup/delivery of unit and diagnosis.</p> <p>Customer states: Unit overheats and stalls out, misfire/black smoke Unit sputters sounds like its not getting fuel Issues often happen on hot days, cooler temps not as likely to overheat Turbo separated last year, mechanic reattached turbo and unit was working well for a while but then it would separate again. Unit needs new batteries Check and adjust brakes Check for oil leaks Changed oil and fuel filters fall 2023 @ 2,265 hours Customer requests quote for full service and repairs Customer requests to fix all issues with unit to get up and ready for mowing season.</p> <p>Technician states: Technician ran cylinder diagnostics for each cylinder to rule out injector issues. Batteries dead, need replacement.</p> <p>Overheating issues, suggests pulling radiator to flush, clean, pressure test and reinstall Thermostat is not working, replace thermostat and gasket Water pump is not functioning, replace water pump and gasket Need to drain hydraulic oil and remove fuel tank to access radiator Technician inspected turbo, internal bearings are bad, suggests to replace turbo assembly and gaskets.</p>					

\$1725 in PO's for diagnosis

*reduced total labor cost by \$450
did not add misc. charge time.*



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Tech suggests replacing hydraulic oil and filters, compromised from overheating issues

Tech suggests replacing engine oil and filters, compromised from overheating issues

Found black sediment in fuel tank,, tank valve plugged up wasn't able to drain water.
Suggests draining and cleaning fuel tank, system, valves, and replacing fuel filters and fuel lines and fuel sender.

Front deck has excessive play which has damaged proximity switch, suggests replacing , bushings, lift arm, cross and bearing kit and proximity switch.

Tech found rear lift cylinder leaking, suggests replacement.

Technician states tie rods are worn out, suggests replacing thrust washers, bushings, expansion plugs, nuts and tie rods.

Technician suggests replacing air filters

	SL	SERVICE OF CUSTOMER OWNED EQUIPMENT	10.4167	\$175.00	\$1,822.92
SER PU	MC	SERVICE PICKUP AND DEL	1.0000	\$325.00	\$325.00
Remark	RE	65 miles each way			
Segment Total:					\$2,147.92

Overheat

Overheat Engine, Radiator, Hydraulic and Fuel system repairs

Tech states

Engine:
Replace water pump, gasket and hose
Replace thermostat gasket
Replace V belt
Remove radiator, flush, clean, pressure test and reinstall
Replace engine oil and filter
Replace hydraulic oil and filter
Replace coolant
Replace air filter
Replace 2 knobs
Replace 2 batteries
Replace fuel sender
Replace fuel filter
Replace fuel hose
Replace valve assy and gaskets
Replace cooler and gaskets
Replace turbo assy
Replace gaskets

	SL	SERVICE OF CUSTOMER OWNED EQUIPMENT	47.0000	\$175.00	\$8,225.00
1C011-73013	PA	KUB - THERMOSTAT ASSY	1.0000	\$33.67	\$33.67
1C010-73035	PA	KUB - ASSY PUMP WATER	1.0000	\$191.90	\$191.90



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1C020-73272	PA	KUB - GASKET	1.0000	\$4.59	\$4.59
1C010-73430	PA	KUB - GASKET	1.0000	\$3.89	\$3.89
4138120	PA	JMC - BELT, V	1.0000	\$102.56	\$102.56
4302892	PA	JMC - Fairway oil filter	1.0000	\$159.18	\$159.18
HH1C0-32430	PA	KUB - CARTRIDGE,OIL FILTER	1.0000	\$13.24	\$13.24
5003370	PA	JMC - FILTER,ELEMENT	1.0000	\$49.28	\$49.28
4175540	PA	JMC - KNOB, HANDLE	2.0000	\$20.19	\$40.38
1G390-43172	PA	KUB - ELEMENT FILTER FUEL	1.0000	\$30.42	\$30.42
3006639	PA	JMC - INDICATOR,FUEL	1.0000	\$123.16	\$123.16
554748	PA	JMC - HOSE	2.0000	\$114.10	\$228.20
5001404	PA	JMC - PAIL ASSEM (VG68)	8.0000	\$242.50	\$1,940.00
ANTIFREEZE	PA	SER - ANTIFREEZE *QUART*	20.0000	\$3.00	\$60.00
15W40	PA	SER - Shell 15W40 oil qt, CJ-4, CI-4 Plus	20.0000	\$3.74	\$74.80
MISC SERVICE	MC	MISC SERVICE	1.0000	\$500.00	\$500.00
Remark	RE	Radiator cleaning			
1J574-62706	PA	KUB - EGR VALVE	1.0000	\$917.83	\$917.83
1J574-17422	PA	KUB - EGR VALVE GASKET	1.0000	\$6.70	\$6.70
1J574-17410	PA	KUB - COMP.COOLER(EGR)	1.0000	\$4.33	\$4.33
4251783	PA	JMC - COMP.COOLER,EGR	1.0000	\$655.63	\$655.63
1J574-71410	PA	KUB - COMP. COOLER (EGR)	1.0000	\$680.98	\$680.98
1J803-17430	PA	KUB - GASKET (COOLER, EGR)	1.0000	\$2.97	\$2.97
4251858	PA	JMC - SENSOR,WATER TEMP.	1.0000	\$85.55	\$85.55
4251859	PA	JMC - WASHER,WITH RUBBER	1.0000	\$1.64	\$1.64
1J500-17490	PA	KUB - GASKET	1.0000	\$3.96	\$3.96
4251794	PA	JMC - GASKET	1.0000	\$6.82	\$6.82
4251796	PA	JMC - GASKET	1.0000	\$17.11	\$17.11
1G381-17014	PA	KUB - ASSY TURBO	1.0000	\$2,758.01	\$2,758.01
4251794	PA	JMC - GASKET	1.0000	\$6.82	\$6.82
4251796	PA	JMC - GASKET	1.0000	\$17.11	\$17.11
FREIGHT T	MC	FREIGHT - NY,VT,CT,RI NJ PA	1.0000	\$300.00	\$300.00
Remark	RE	Estimated freight			
SER ENV	MC	FEE - SHOP SUPPLIES	1.0000	\$150.00	\$150.00

Segment Total: \$17,395.73

Front Deck

Front Deck:
Replace cross and bearing kit for PTO shaft
Replace front deck arm bushings



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		Replace front lift arm Replace proximity switch Replace rear lift cylinder			
	SL	SERVICE OF CUSTOMER OWNED EQUIPMENT	13.0000	\$175.00	\$2,275.00
SC75U	PA	BAT - Replacement Battery HR5111	2.0000	\$249.95	\$499.90
4300100	PA	JMC - KIT, 14EBL CROSS & BEARIN	1.0000	\$214.74	\$214.74
342033	PA	JMC - BUSHING	4.0000	\$23.58	\$94.32
1003275	PA	JMC - PIN ASSEM, FRONT ARM PIVO	2.0000	\$95.33	\$190.66
4140149	PA	JMC - SWITCH, PROXIMITY	1.0000	\$118.47	\$118.47
4138521	PA	JMC - CYLINDER, HYDRAULIC	1.0000	\$2,756.47	\$2,756.47
Segment Total:					\$6,149.56

Steering Axle					
		Steering Axle			
		Replace thrust washers and bearings Replace bushings Replace expansion plug Replace Tie rod ends and nuts			
	SL	SERVICE OF CUSTOMER OWNED EQUIPMENT	12.0000	\$175.00	\$2,100.00
5003518	PA	JMC - WASHER, THRUST	2.0000	\$11.84	\$23.68
5003515	PA	JMC - WASHER, THRUST	2.0000	\$45.18	\$90.36
5003527	PA	JMC - BUSHING,BRG. 1.88 ID X 1.	4.0000	\$139.43	\$557.72
5003531	PA	JMC - PLUG,EXPANSION	2.0000	\$10.00	\$20.00
443842	PA	JMC - HEX JAM NUT 1-1/8 - 12 PL	1.0000	\$10.49	\$10.49
5003524	PA	JMC - TIE ROD END-RH	1.0000	\$359.60	\$359.60
5003519	PA	JMC - NUT JAM 1 1/8-12 LH	1.0000	\$53.88	\$53.88
5003523	PA	JMC - TIE ROD END-LH	1.0000	\$361.65	\$361.65
Segment Total:					\$3,577.38

Labor:	\$14,422.92
Parts:	\$13,572.67
Misc Charges:	\$1,275.00

Totals		Sub Total:	\$29,270.59
		Total Tax:	\$0.00
		Estimated/Current Invoice Total:	\$29,270.59

Estimated/Current Balance Due On This Invoice: \$29,270.59

total \$27,545.59 requested.