



SERVICE INVOICE

Invoice: 04-406811
Date: 10/11/2024

PO: 2024-00004158
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

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

PO: 2024-00004158 (Diagnosis)
PO: 2024-00004862 (Repairs overheat, front deck, steering axle)
PO: 2024-00008404 (Tie Rod)

Please call or email any questions regarding proposed work to be done. Upon approval, sign and return quote to begin repairs.
Please note that this quote is an estimate for the detailed repairs mentioned. Any additional findings may incur extra parts and labor costs.

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: C HR9016
Delivery Date:
Unit Make: Jacobsen
Unit Model: JMC.70539
Unit Tag:

C 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</p>					

prior FY purchase orders were not rolled. - **(JPA)** Page: 1 of 5
 2024-4158 2024-6425
 2024-4862 2024-8404
 * machine is still w/ vendor for add'l repairs. pending Nov. BOEING approval - Req 2025-3105



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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.

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

SER PU	SL	SERVICE OF CUSTOMER OWNED EQUIPMENT	13.3834	\$175.00	\$2,342.10
Remark	MC	SERVICE PICKUP AND DEL	1.0000	\$325.00	\$325.00
	RE	65 miles each way			

Segment Total: \$2,667.10

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

HH1C0-32430	SL	SERVICE OF CUSTOMER OWNED EQUIPMENT	47.0000	\$175.00	\$8,225.00
	PA	KUB - CARTRIDGE,OIL FILTER	1.0000	\$16.15	\$16.15



EQUIPMENT SOLUTIONS, INC.
17 PICKETT DISTRICT RD.
NEW MILFORD, CT 06776
MTE.US.COM • 860-799-7555



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5003370	PA	JMC - FILTER,ELEMENT	1.0000	\$50.75	\$50.75
1G390-43172	PA	KUB - ELEMENT FILTER FUEL	2.0000	\$36.26	\$72.52
5001404	PA	JMC - PAIL ASSEM (VG68)	2.0000	\$252.20	\$504.40
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	\$375.52	\$375.52
Remark	RE	Radiator cleaning			
1G517-97010	PA	KUB - V-BELT	1.0000	\$21.04	\$21.04
1C010-73035	PA	KUB - ASSY PUMP WATER	1.0000	\$191.90	\$191.90
1C010-73430	PA	KUB - GASKET	1.0000	\$3.89	\$3.89
1C011-73013	PA	KUB - THERMOSTAT ASSY	1.0000	\$33.67	\$33.67
1C020-73272	PA	KUB - GASKET	1.0000	\$4.59	\$4.59
1G381-17014	PA	KUB - ASSY TURBO	1.0000	\$2,758.01	\$2,758.01
1J500-17490	PA	KUB - GASKET	1.0000	\$3.96	\$3.96
1J574-17410	PA	KUB - GASKET,EGR VALVE	1.0000	\$4.33	\$4.33
1J574-17422	PA	KUB - GASKET,EGR VALVE	1.0000	\$6.70	\$6.70
1J574-62706	PA	KUB - ASSY VALVE EGR	1.0000	\$917.83	\$917.83
1J574-71410	PA	KUB - COMP.COOLER(EGR)	1.0000	\$680.98	\$680.98
1J803-17430	PA	KUB - GASKET,EGR COOLER	1.0000	\$2.97	\$2.97
5H601-41940	PA	KUB - SENSOR,W/TEMPERATURE	1.0000	\$58.44	\$58.44
5001404	PA	JMC - PAIL ASSEM (VG68)	1.0000	\$252.20	\$252.20
4138120	PA	JMC - BELT, V	1.0000	\$108.71	\$108.71
4175540	PA	JMC - KNOB, HANDLE	2.0000	\$21.40	\$42.80
4251794	PA	JMC - GASKET	1.0000	\$7.03	\$7.03
4251796	PA	JMC - GASKET	1.0000	\$17.79	\$17.79
4251796	PA	JMC - GASKET	1.0000	\$17.79	\$17.79
4251859	PA	JMC - WASHER,WITH RUBBER	1.0000	\$1.71	\$1.71
4302892	PA	JMC - Fairway oil filter	1.0000	\$163.96	\$163.96
554748	PA	JMC - HOSE	2.0000	\$120.95	\$241.90
5001404	PA	JMC - PAIL ASSEM (VG68)	5.0000	\$252.20	\$1,261.00
1J550-17100	PA	KUB - GASKET	1.0000	\$4.13	\$4.13
4135918	PA	JMC - FUEL PUMP	1.0000	\$238.89	\$238.89
3008821	PA	JMC - ADAPTER,TEMP.SENCER	1.0000	\$46.60	\$46.60
3006639	PA	JMC - INDICATOR,FUEL	1.0000	\$128.08	\$128.08
3001307	PA	JMC - RELAY-SPDT W/RESISTOR	1.0000	\$52.82	\$52.82
FREIGHT T	MC	FREIGHT - NY,VT,CT,RI NJ PA	1.0000	\$106.93	\$106.93
SER ENV	MC	FEE - SHOP SUPPLIES	1.0000	\$150.00	\$150.00



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				Segment Total:	\$16,909.79
Front Deck					
Front Deck: Replace cross and bearing kit for PTO shaft Replace front deck arm bushings 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
4140149	PA	JMC - SWITCH, PROXIMITY	1.0000	\$122.02	\$122.02
4300100	PA	JMC - KIT, 14EBL CROSS & BEARIN	1.0000	\$221.19	\$221.19
1003275	PA	JMC - PIN ASSEM, FRONT ARM PIVO	2.0000	\$98.19	\$196.38
342033	PA	JMC - BUSHING	4.0000	\$23.58	\$94.32
4138521	PA	JMC - CYLINDER, HYDRAULIC	1.0000	\$713.86	\$713.86
4300100	PA	JMC - KIT, 14EBL CROSS & BEARIN	1.0000	\$221.19	\$221.19
				Segment Total:	\$4,343.86
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	9.0000	\$175.00	\$1,575.00
5003524	PA	JMC - TIE ROD END-RH	1.0000	\$381.17	\$381.17
5003523	PA	JMC - TIE ROD END-LH	1.0000	\$383.35	\$383.35
443842	PA	JMC - HEX JAM NUT 1-1/8 - 12 PL	1.0000	\$10.81	\$10.81
5003515	PA	JMC - WASHER, THRUST	2.0000	\$46.53	\$93.06
5003518	PA	JMC - WASHER, THRUST	1.0000	\$12.19	\$12.19
5003519	PA	JMC - NUT JAM 1 1/8-12 LH	1.0000	\$55.50	\$55.50
5003527	PA	JMC - BUSHING,BRG. 1.88 ID X 1.	4.0000	\$143.61	\$574.44
5003518	PA	JMC - WASHER, THRUST	1.0000	\$12.19	\$12.19
5003531	PA	JMC - PLUG,EXPANSION	2.0000	\$10.60	\$21.20
5003522	PA	JMC - TIE ROD	1.0000	\$506.39	\$506.39
4221100	PA	EZG - CUSH RELAY 12V, 70AMP COO	1.0000	\$27.76	\$27.76
				Segment Total:	\$3,653.06
				Labor:	\$14,417.10



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Parts: \$12,199.26
Misc Charges: \$957.45

Totals	Sub Total:	\$27,573.81
	Total Tax:	\$0.00
	Invoice Total:	\$27,573.81

Forms of Payment

Type	Description	Amount
Net 30	Customer Id: YONKERS PS PAYMENT IS DUE WITHIN 30 DAYS OF INVOICE DATE. ACCOUNTS NOT PAID WITHIN TERMS ARE SUBJECT TO A 2% MONTHLY FINANCE CHARGE.	\$27,573.81
Total Forms of Payment:		\$27,573.81

Balance Due On This Invoice: \$27,573.81

Labor Total - \$14,417.10
 parts total - \$12,199.26
 Misc. Charges - \$957.45
 Total Cost - \$27,573.81