

EA49-1



Boersma Enterprises Ltd.
B690
Millet AB T0C 1Z0
+17806606713
billing@boersmaent.com
GST Registration No.: 750678732RT0001

BILL TO
M. BALINSKI AUTO &
EQUIPMENT SALES LTD

INVOICE 234172

DATE 2025-07-28 **TERMS** Due on receipt

DUE DATE 2025-08-12

MILEAGE/HOURS
1731444KM 24023HRS

UNIT #/ VIN#
FD283080

DATE	ACTIVITY	DESCRIPTION	TAX	QTY	RATE	AMOUNT
------	----------	-------------	-----	-----	------	--------

PAYMENT CAN BE MADE TO- boersmaent@gmail.com

ALL CREDIT CARD PAYMENTS ARE SUBJECT TO A 3.5% FEE

DATE	ACTIVITY	DESCRIPTION	TAX	QTY	RATE	AMOUNT
	Labor	<p>25/07/2025</p> <p>Diagnose engine no start. Unit towed in. Hook up laptop and check codes. Find multiple pages of faults. Connect battery charger. Isolate faults and perform fuel system testing. Find no fuel pressure on high or low side of fuel system. Quote repairs in order to get unit started.</p> <p>06/08/2025</p> <p>Replace low pressure fuel gear pump Replace front & rear high pressure unit pumps Replace #3 injector supply line Replace low pressure fuel regulator Replace hand primer pump & check valve assembly. Replace entire fuel module. Replace faulty coolant level sensor & re-pin harness connector Repair broken frame ground on DS frame by steer axle Clear codes, prime fuel system and get engine started. Bring unit to operating temperature and perform stationary regen. Regen completed with no EGR, BPV or aftertreatment codes. All aftertreatment temperatures and pressures within spec.</p> <p>Stop engine light came on after regen for fuel rail pressure code. Pump unit control incorrect. In progress.</p> <p>07/08/2025</p> <p>Continue diagnosing hard start and stop engine light/fuel rail code. Run truck and monitor rail pressures. Continue testing fuel system. Find P/S fuel tank cracked and sucking air. Also find primary fuel filter bowl and fuel line from primary filter housing to engine supply manifold sucking air. Cap fuel lines at P/S tank. Isolate filter housing and fuel lines. Prime fuel system. Engine is no longer sucking air. Fuel tank requires repair. Run truck and test high pressure fuel system again. Still find fuel rail decay is excessive. Test fuel rail pressure control valve and find it is causing erratic rail pressure drops. Need to replace valve and re-test in order to accurately check injector return flow. In progress.</p> <p>08/08/2025</p> <p>Replace fuel rail pressure control valve. Index solenoid and torque valve to spec. Re-assemble engine harness and CAC piping that was removed for</p>	G	27	155.00	4,185.00

DATE	ACTIVITY	DESCRIPTION	TAX	QTY	RATE	AMOUNT
	Labor	REPLACE STACK PINS AND BUSHINGS	G	1	155.00	155.00
	Consumables	SHOP SUPPLIES -	G	0.08	4,340.00	347.20
	Parts	1-1939435PE	G	1	8,483.70	8,483.70
		4-1313122PE				
		1-2405077PE				
		1-1933121PE				
		1-12110293				
		1-CN41100				
		2-2344775PRX				
		2-2405076PE				
		1-2418567PE				
		1-2138144PE				
		1-2136382PE				
		1-1852166PE				
		2-1803522PE				
		1-RK61663				
		2-EM75-69000HTATR				

PARTS \$9320.87 DISCOUNTED TO \$8483.70
SHOP SUPPLIES 10% DISCOUNTED TO 8%
DISCOUNT 12HRS TIME

SUBTOTAL 13,170.90
GST @ 5% 658.55
TOTAL 13,829.45

TOTAL DUE \$13,829.45

TAX SUMMARY

	RATE	TAX	NET
GST @ 5%		658.55	13,170.90

PAYMENT CAN BE MADE TO- boersmaent@gmail.com

ALL CREDIT CARD PAYMENTS ARE SUBJECT TO A 3.5% FEE