



A1 Fabrication
5601 - 66th Avenue
Taber, AB
T1G 0B7
(403) 223-4737

V01-3
MAF
Invoice: 29266
2024/10/11

Client PO:

New Turbo & Head

Bill To Zippy's Oilfield Services Ltd.	Ship To Zippy's Oilfield Services Ltd.	Unit Unit #: 11 Make: Kenworth Model: T800 Engine Serial #: 79668617 Serial #: 1NKDX4TX6ER967999 Mileage: 152584 Hours: 15313 on 9/23/2024 Year: 2014
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Part No.	Description	Qty	List	Price	Total Tax
Labour- Mech	Mechanical	56.00	130.00	130.00	7,280.00 SG
<ul style="list-style-type: none"> • Troubleshoot customer complaint of engine issue and found turbo exhaust turbine side shaft broken. Drained coolant and removed all components to turbo, removed turbo, changed over fittings and installed new turbo. Hooked up all components, refilled radiator and topped up. Primed turbo with oil and run- turbo is running rough. Performed injector cut out test and found #1 injector not responding. Checked wiring from ECM to injector and performed load test- wires good. Replaced injector and test-better but still missing. Performed valve set and found #1 inner exhaust valves sitting lower than the others and the outer valves sitting higher- notified customer of valve seat problems and he wanted to run the truck to verify- still no change, have to remove head to verify the problem. • Installed hood repair kit. • Removed air to air and washed build up out of air to air and and rad. Installed air to air and rad unit back into truck. Connected A/C lines, installed charge pipe from turbo to air to air. • Replaced old power steering lines. • Removed turbo and exhaust, performed head removal and found head is cracked and valve seats have failed. Checked over and cleaned block, replaced and swapped components over to new head and reassembled along with base timing procedures. Replaced all failed gaskets and seals and reinstalled rad. • Performed service on fuel and oil system (Customer supplied parts). • Run and test unit- OK. 					
61055	VGT Turbo	1.00	7,800.00	5,980.00	5,980.00 SG
KENT800	Kenworth T800 Hood Repair Kit	0.50	1,649.85	1,099.90	549.95 SG
2510	Plastifix 2 Piece	1.00	236.85	157.90	157.90 SG
L65-1013	Hood Pin Plate	1.00	295.81	246.51	246.51 SG
Freight	Freight For Pin Plate	1.00	25.00	25.00	25.00 SG
5579419PX	Injector Kit	1.00	3,024.45	2,318.74	2,318.74 SG
5579419PX!	Core Charge	1.00	735.00	490.00	490.00 SG
5579419PX!	Core Charge	-1.00	735.00	490.00	-490.00 SG
4318947	Thermostat	1.00	164.88	137.40	137.40 SG
5658302RX	Cylinder Head	1.00	14,051.69	10,772.96	10,772.96 SG
5658302RXI	Core Charge	1.00	1,438.49	958.99	958.99 SG
5658302RX!	Core Charge	-1.00	1,438.49	958.99	-958.99 SG
4376104	Upper Engine Gasket - Kit	1.00	3,189.38	2,445.19	2,445.19 SG
4965698	Exhaust Manifold Stud	12.00	15.81	13.70	164.40 SG
2897334NX	PRS Temperature Sensor	1.00	175.47	146.22	146.22 SG
2897334NXI	Core Charge	1.00	29.40	19.60	19.60 SG

2897334NXI	Core Charge	-1.00	29.40	19.60	-19.60	SG
CV50634	Crankcase Ventilation Element	1.00	146.46	126.93	126.93	SG
N62ET-08	Clamp	4.00	1.78	1.55	6.20	SG
550050745	Dex/Merc 946ml	2.00	10.50	9.10	18.20	SG
469.09M2128	A/C O-Ring	2.00	1.33	1.16	2.32	SG
469.09M2106	Metric A/C O-Ring	2.00	0.54	0.47	0.94	SG
469.09M2127	A/C O-Ring	2.00	0.69	0.60	1.20	SG
FC332-08	1/2" Eaton Blue Multi Purpose Hose	4.50	12.60	10.92	49.14	SG
50-50-B	*50/50 Bulk Anti-Freeze	2.00	3.65	3.16	6.32	SG

TERMS NET 30 DAYS - 2% INTEREST

CHARGED AFTER 30 DAYS

GST#: 85394 8164 RT0001

Total Parts	\$23,155.52
Total Labour	\$7,280.00
Subtotal	\$30,435.52
Shop Supplies	\$728.00
Environmental	\$0.00
GST @ 5%	\$1,558.18
Total	\$32,721.70
Paid	\$0.00
Balance	\$32,721.70