

# Trail Boss Truck & Trailer Repair Ltd.

54006 Range Road 260

St. Albert, AB T8N4C9 (Trailbossrepairs@gmail.com)

Phone: (780) 677-1005

1 of 2

216-1  
MAY

Invoice#: 00000645	Technician: Supervisor	Date: 6/20/2024	Completed: 6/20/2024
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<b>Company:</b> Skyhawk Transport Services Ltd <b>Name:</b> Sulakhan Takhar <b>Address:</b> Box 44069 Edmonton AB T5V 1N6 <b>Phone:</b> H W	1995 Western Star Day Cab Odometer: 873130 License: 56N601 VIN: 2WLPDCCJ4SK939532 Tag#: 520 PO#:
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Qty.	Part #	Part Description		Total
6.00	B2-JCFX-1616	N Transmission cooler line	20.00	120.00
1.00	RODA	N Shut off valve	500.00	500.00
4.00	11R24.5	N Drive Tires	0.00	0.00
1.00	ABS	N Window regualtor	97.31	97.31
4.00	ABS	N Tire Recycling Fee	14.00	56.00
1.00	DDE12246	N Switch	111.60	111.60
1.00	Headlight assem	N From Amazon	177.45	177.45
1.00	SC30	N Service Chamber	28.40	28.40
1.00	370	N Air Coupling (Hitch)	816.25	816.25
1.00	Polishing	N full unit	1,317.58	1,317.58
2.00	ABS	N Bulbs	20.00	40.00
1.00	F4HZ3K506C	N Gasket, P/steering pump ( seal kit)	5.78	5.78
1.00	Drive line	N From Toni	1,899.00	1,899.00

Hrs.	Labor Description	Total
25.00	Unit brought in for CVIP Found lights all not working; repaired lights that were not working, changed some bulbs and repaired bad connections. No cruise control; found clutch switch was defective, tested cruise and jake break with clutch, switch bypassed to confirm; replaced switch. Drive line worn out; found yoke at steady bearing and yoke at power divider input was worn out, also drive line was out of phase; repaired the drive line at the machine shop. Rear drive tires worn out; replaced rear drive tires. Power steering oil was going into engine oil; removed pump and installed new seal kit. Inspected and cleaned all parts before re-assembly. Passenger side window not working; installed window regulator and tested. P.T.O leaking; removed P.T.O and re-sealed. Shimmed P.T.O during installation. Power steering pump not working; replaced and drilled and tapped holes, so larger bolts could be used. Used pump from 509 Headlights not working; installed new headlights Brake chamber disfunction; replaced left front drive brake chamber with short stroke. Drive shaft; installed new drive shaft. Pinion seal; repaired the pinion seal. Transmission cooler line; replaced transmission cooler line. Installed air shut off valve Installed new hitch	1,875.00

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Parts Total:	5,169.37
Labor Total:	1,875.00
Special Repairs Total:	0.00
Sub-Total:	7,044.37
GST:	359.72

Supply Charges:	150.00
Shipping:	0.00

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Sub Total:	7,554.09	Discount:	0.00
CC Fee:	0.00	Total:	7,554.09
		Paid:	0.00

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On Acct:	0.00	Balance:	7,554.09
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Authorized by Signature:

**Terms and Conditions**

We are not responsible for loss or damage of or to your vehicle or contents due to fire, theft, vandalism or similar perils. Used parts become the property of Trail Boss Truck & Trailer Repair unless customer otherwise directs. After 90 days, unclaimed parts will be sold by tender. Storage of \$5.00 per day is chargeable on vehicles and parts not claimed within 24 hours of completion of work. No claim or work order dispute will be honored beyond 30 days. Payment must be made without deduction and customer expressly waives any right to setoff. Subject to taxation, all legal, locate, seizure and other costs will be added to amount owing. Service charge of 2% ( 24% per year ) on any unpaid balances over 30 days after date of the invoice.





United Diesel - Invoice 38 - 07/25/2023

Code	Description	Quantity	Rate	Amount
1995 Western star Vin: 2WLPDCCJ4SK939532 KMS: 844749	Diagnose engine no start after loss of oil - Confirmed the history as to what had happened and what was attempted to resolve the loss of engine rotation - Oil pan hit a rock and lost all oil, unit towed to customer shop and suspected it rolled a bearing - A 3rd party removed mains, polished crank and rolled new main bearings, still would not make a revolution. - Oil pan was removed Apon arrival, we removed oil sump, pump and stiffener plates to view the bottom end - Inspected for a seized bearing or blue heat marks, found no damage on the bottom end, bared engine over moves just a bit - Removed valve covers and found the cam shaft seized in the cylinder head - Received approval to removed and replace the cylinder head - Drained coolant, air intake piping, turbo and manifold, all harnesses and feed lines, fan hub and peanut cover - Removed valve cover and all internal parts, removed cylinder head - Cleaned the deck, cleaned head bolt holes, - Measured liner protrusion well within specifications (0.004") - swapped components to new cylinder head, clean and paint new cylinder head - Ready to mount, received camshaft, confirmed correct cam shaft for installation - Installed new cylinder head, torque to specifications - Dressed both sides of the engine after timing and pressing in a new bushing for the idler gear re assembling the fan hub and mounting brackets - Clean and Install exhaust manifold and turbo mount - Install thermostat housing, new thermostats - Assemble top end - install new rockers, attempt to do a valve set, found incorrect rockers, reassembled with correct rockers performed valve set -Installed bottom end, filled full of oil and coolant - Started the unit did not run correct, found wrong injector rockers, removed and replaced for the correct injector rocker, preformed another valve set and unit ran good - Noted to check the air filters and fix the air leak at the air dryer - Test Drive	37	CA\$115.00	CA\$4,255.00
	Service Truck Supplies	1	CA\$28.04	CA\$28.04
			<b>Parts Subtotal</b>	<b>CA\$4,283.04</b>