

Kinked Wrench Mechanical Ltd.
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA
 hollyweaver@kinkedwrenchmechanical.com
 Phone: 403-429-0320



W11-3
 BLUE-MAR

Invoice: **INV-3393**
 Date: **11/28/2025**

Bill To
 Clearwater Oilfield Services LTD

 P: 403-845-9285

Remit Payment To
 Kinked Wrench Mechanical
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA

Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
SO-3744	Net 30	12/28/2025	Derek Leavitt		107

Item	Description	Quantity	Rate	Amount
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Complaint: hydraulic leak underneath. Diagnose and repair

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Transmission / PTO / Went under truck to diagnose leaks. found that the rear pump had sheared the bottom mounting bolt off. removed top bolt and mount. shut the valves to the hydraulic tank and pulled pump off replaced a o ring and drilled and extracted broken bolt. taped top bolt hole because the threads were damaged. bolted pump back in place and found it was still leaking. removed pump again and removed the adapter plate. Replaced all o-rings for adapter plate. bolted pump back in place and opened valves. ran and tested and checked for leaks. no more leaks. clean up all tools - Completed: 11/26/2025	6.00000	\$135.00	\$810.00
Subtotal				\$810.00

Complaint: Rear door switch opens door but doesn't work to close the door. Possible problem at the rear door spool remote electrical actuator. Diagnose and repair

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Chassis / Chassis / Opened switch box and found the switch was open to weather. tested the switch and found what was power. confirmed that the switch was good. removed the hirshmen connector and tested to see if it had power there. found good power but it was full of corrosion and the screw to hold it on was rusted away to nothing. tried to remove the valve bank solenoid from the valve bank. solenoid mounting bolts are rounded off. had to remove the entire valve bank from the side of the truck. removed all hydraulic lines. capped off all lines and marked the orientation. once the valve bank was on the table was able to use extractors to remove the solenoid from the valve bank. received a new solenoid and connector. installed new solenoid to valve bank with new bolts and torqued to spec. wired the new connector in to harness. installed valve bank and hooked up all the hydraulic lines. ran and tested all functions. all was functioning properly. checked for leaks. no leaks. put the switch panel back together. tied up all harnesses. cleaned up tools and area and ran and tested for leaks again all checked out. - Completed: 11/26/2025	8.00000	\$135.00	\$1,080.00
Parts	Hydraulic electrical actuator coil kit - HC224328	1.00000	\$604.85	\$604.85

Subtotal **\$1,684.85**

Complaint: Drivers side cab step loose. Can come off

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Chassis / Cab / Investigated the step and why it is loose. both eyelets on the RH side of the step have rotted out. no way to attach the step anymore. need to replace the step. heated nuts and removed step. sent step to welding shop for repair. received step back and install onto mounts with new hardware. - Completed: 11/28/2025	1.00000	\$135.00	\$135.00
Parts	Welded and repaired aluminium stair step, bottom - SUBLET	1.00000	\$175.50	\$175.50
			Subtotal	\$310.50

Complaint: Clearance light out. Diagnose and repair. Check all other lights

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Electrical System / Tail/Cab/Marker Lights / removed light, cleaned connections, traced the wire back and found a break in the black wire, it had corroded apart. cut out corroded section and re-installed the pigtail. plugged the light back in and it works properly. checked all lights. all lights are working properly. cleaned up tools and work area - Completed: 11/26/2025	0.50000	\$135.00	\$67.50
			Subtotal	\$67.50

Complaint: Full service and grease, check all fluid levels

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Engine / Filters / drained engine oil. removed and replaced oil filter with new. checked fuel filters. fuel filters are still good. filled engine with new oil. checked coolant, power steering, trans and all 3 diff oil levels. topped up coolant as needed. checked air filters. complete greased chassis and PTO. start engine and checked for leaks. no leaks. shut down engine and topped up oil as needed. installed new next service due sticker. cleaned up all tools and bay - Completed: 11/26/2025	2.00000	\$135.00	\$270.00
Parts	Delo Coolant Red 50/50 Jug - 227811-492	1.00000	\$14.65	\$14.65
Parts	Delo 400 5W40 Engine Oil, Sold by Pail - 257002-448/Pail	2.00000	\$246.04	\$492.08
Parts	ISX Oil Filter - LF14000NN	1.00000	\$75.40	\$75.40
Parts	Delo 400 5W40 Engine Oil, 1 Gal Jug - 257002-464	1.00000	\$53.92	\$53.92
Parts	Red N Tacky Grease, EP2 - 20005-30	1.00000	\$9.18	\$9.18
			Subtotal	\$915.23

Complaint: Coolant leak under sleeper - Diagnose and repair

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Engine / Cooling System / Pressure tested cooling system and found leak, wiped area clean to see where the leak is originating. found 3 gear clamps that had came loose. tightened what i could from under the truck then had to climb up top and tighten a couple clamps from the top side. wiped area clean again and checked for any leaks.	2.00000	\$135.00	\$270.00
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pressure tested system again and checked in other places for any leaks. found an almost worn through hose starting to weep from engine to bottom of coolant reservoir. drained coolant. replaced worn hose from the coolant reservoir to the water pump. filled engine back up with coolant and pressure tested again. no more leaks. cleaned up tools and work area - Completed: 11/26/2025

Parts	Blue Silicone heater/coolant hose, 1" - NL4875-100	3.00000	\$7.70	\$23.10
			Subtotal	\$293.10

Complaint: Replace leaking second diff input seal

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Rear Axle/Final Drives / Power Divider & Pinion Seals / Started the truck to air up. Once aired up released brakes. And jacked up the rear axle. Removed the strap kit bolts. And dropped half of the drive line. Tied it out of the way. Yoke nut had to get worked in and out to be able to come off. Cleaned the area up. Used the yoke puller and ratchet because impact would not fit. Removed the seal. Cleaned up the seals mating surface. Worked the new seal into place. Cleaned yoke and inspected. Found it to be good. Cleaned the splines. Beat on the yoke. And tried to thread on new yoke but found the thread on the input shaft to be damaged. Pulled the yoke back off. Cleaned and used thread repair kit to fix the threads on the input yoke. Ran the nut in by ratchet to confirm threads are fixed. hammered yoke back on and threaded on yoke nut and tightened to spec. Reinstalled and torqued the drive shaft strap kit. Cleaned up tools and bay - Completed: 11/26/2025	2.00000	\$135.00	\$270.00
Parts	Aerosol parts cleaner can - 313R	1.00000	\$10.46	\$10.46
Parts	Dana D170/190 oil seal and lock nut kit - DS131008K	1.00000	\$110.19	\$110.19
			Subtotal	\$390.65
Environmental Fee		1.00	\$1.00	\$1.00

Unit: 107 VIN: 1NKDX4TX6FR976493

2015 Kenworth T8 Series

Chassis: 228,604 Kilometres

Engine: 16,341 Hours

Labor	\$2,902.50
Parts	\$1,569.33
Shop Supplies	\$223.64
Pre-Charge Subtotal	\$4,695.47
Environmental Fee	\$1.00
GST (5% of \$4,696.47)	\$234.82
Total	\$4,931.29
Payments & Credits	\$0.00
Balance Due	\$4,931.29

I hereby authorize the above work to be done along with the necessary material and hereby grant you and/or your employees permission to operate the vehicle herein described on street, highways or elsewhere to the purpose of testing and/or inspection. Any amounts charged over the approved limit will be collected before your product is allowed to leave. Interest charge will be 3% per month or 36% per year. This charge will be applied to all outstanding amounts past payment terms. **Invoice is due upon receipt.** Only if you have an approved customer account, terms are reflected in your signed Charge Account Application and payment must be received accordingly. Payment must be received at Kinked Wrench Mechanical before the end of the current statement month to avoid interest charges. NSF payments are subject to a \$60.00 NSF fee. Any warranties on the parts and accessories sold hereby are subject to and determined by the manufacturer. You understand and agree that we offer a 30 day workmanship but no warranties of any kind unless expressed in writing. Customer supplied parts are not subject to warranty of any kind.

NOT RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR CONTENTS

If repairs performed required removal of wheels/tires, it is the vehicle operator's responsibility to re-torque wheel lug nuts after driving 100 kilometers

Kinked Wrench Mechanical Ltd.
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA
 hollyweaver@kinkedwrenchmechanical.com
 Phone: 403-429-0320



Invoice: INV-3251
Date: 10/1/2025

Bill To
 Clearwater Oilfield Services LTD

 P: 403-845-9285

Remit Payment To
 Kinked Wrench Mechanical
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA

Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
SO-3646	Net 30	10/31/2025	Derek Leavitt		107

Item	Description	Quantity	Rate	Amount
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Complaint: PTO switch not engaging PTO

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Transmission / PTO / flipped switch and air was bypassing at switch. Pulled switch apart to see where it was coming out of. Checked for any air leaks along airlines to the PTO. Found no leaks. Meaning the shift cylinder on the PTO was bypassing air. Had to drain transmission fluid and drain PTO. Removed airlines and pulled off shift cylinder. O-rings had become flat and we're not sealing. Removed piston from shaft found a washer underneath piston as a spacer that was not needed. Removed washer. Replaced all 3 o-rings with new ones. Reinstalled piston and shift cylinder. Torqued all hardware to spec. Reinstalled airlines. Aired up truck shop air. Flipped PTO switch all was now operational. Filled transmission back up with original fluid. Put switch back together. Cleaned up tools finished. - Completed: 10/1/2025	3.00000	\$135.00	\$405.00
			Subtotal	\$405.00

Complaint: Check engine light on. Diagnose and advise

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Engine / Electrical / hooked up with computer and found oil temp data erratic. Coolant level data erratic and coolant level below normal. Unhooked oil temp sensor plug and removed plug from ECM. Checked continuity of wires, they were good. Reinstalled ECM plug. Plugged new oil temp sensor into plug. Heated up sensor with small torch and the reading was not changing from 46°F. plugged old sensor back in. Tried the same thing and temp would not read anything but 46°F. Issue is most likely the ECM. Without a test ECM it can't be confirmed. For the coolant level codes found a break in both wires and corrosion on the pins of the sensor. Cut off old pigtail and spliced new one in place. Removed and replaced level sensor. Topped up coolant. Cleared all codes. Cleaned up tools finished.	3.00000	\$135.00	\$405.00
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will locate a test ECM to test and confirm that ECM is issue -
Completed: 10/1/2025

Subtotal \$405.00

Complaint: Multiple lights not working, repair as needed

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction:	7.00000	\$135.00	\$945.00
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Chassis / Lighting & Electrical / Cab Marker lights - checked operation of marker lights. Markers not working, but they work when depressing marker interrupt but work backwards. Checked wiring schematic, replaced the 2 relays in circuit, no change. Removed dash panels and checked wiring to switch, ok. Tested switch and found switch works in off position but not on position. Removed and replaced switch and tested, cab marker lights working properly now. installed dash panels.

All work lights and dog house lights - followed wiring around for work lights.

found crappy connections, cut the wires and tested for power there was no power. chased the wiring around to the junction box and found a blown fuse. replaced the fuse and tested lights again. found that multiple lights were wired backwards. cut all connections and tested lights with power probe. lights work good. tested for power and ground. good. hooked up lights properly with but connectors and shrink tube. tested all work lights. all work lights working good now.

In the dog house found broken wires so removed them then tested for power. checked the switch. switch working properly with cab switch turned on first. good power to lights. both lights not working. wired in new lights and tested. inside lights working good now. mounted lights to ceiling. cleaned up tooling and work area - Completed: 10/1/2025

Parts	Clear LED dome light - 61121	2.00000	\$87.84	\$175.68
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Parts	Shipping of Smaller Items - SHIP1	1.00000	\$25.00	\$25.00
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Subtotal \$1,145.68

Complaint: Cooler fan not working, Diagnose and repair

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction:	0.50000	\$135.00	\$67.50
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Transmission / Cooler / Inspect wiring to hydraulic cooling fan. found wires had been cut at fan. tested for power then power probed fan to confirm that it worked. connect wiring together with but connectors and shrink tube and tested operation. fan is thermostatically controlled. tested function of thermostat. thermostat is working properly. jumped thermostat switch to make sure fan operated. fan turned on when jumped. tied up all loose wiring. cleaned up all tools - Completed: 10/1/2025

Subtotal \$67.50

Complaint: Diagnose Glycol pump not turning on

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction:	6.00000	\$135.00	\$810.00
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Chassis / Instrument & Controls / Chased wiring and checked for power. found a blown fuse. replaced fuse with new then went back to pump and power probed the pump. turns out the pump had seized. had to remove the lines and plug them off then remove the pump and the mount. ordered

new pump, once the new pump showed up I had to fab up a new mount due to pump being different then original. fabricate and welded new mount. cleaned the bracket up and painted. loosely put in place and hooked up the coolant lines.

had to extend one line and confirmed the routing was correct, bolted everything in place tight and wired the pump in and tested it. confirmed it worked good, routed and mounted the electrical and coolant lines and reinstalled the switch panel and the junction box at the rear. operated pump one last time and checked for any leaks. no leaks. cleaned up all tools and bay - Completed: 10/1/2025

Parts	Shipping of Smaller Items - SHIP1	1.00000	\$25.00	\$25.00
Parts	#08 male NPT x #08 female jic - 6505-08-08	2.00000	\$6.43	\$12.86
Parts	#08 x #12 reducer bushing - 5406-12-08	2.00000	\$3.94	\$7.88
Parts	Misc. Size, Thickness of Plate Steel used for Fabrication and welding - MISCSTEEL	1.00000	\$8.78	\$8.78
Parts	3" hose clamp - CT300	2.00000	\$7.18	\$14.36
Parts	Dual Clamp Zip-Ties - 76-2947	1.00000	\$3.38	\$3.38
Parts	Blue Silicone Heater Hose 5/8" - 56111062	1.00000	\$5.81	\$5.81
Subtotal				\$888.07

Unit: 107 VIN: 1NKDX4TX6FR976493
 2015 Kenworth T8 Series
 Chassis: 223,498 Kilometres
 Engine: 16,031 Hours

Labor	\$2,632.50
Parts	\$278.75
Shop Supplies	\$145.56
Pre-Charge Subtotal	\$3,056.81
GST (5% of \$3,056.81)	\$152.84
Total	\$3,209.65
Payments & Credits	\$3,209.65
Balance Due	\$0.00

Payment Information

Date Created	Date Applied	Payment #	Method	Reference #	Amount
11/4/2025	11/4/2025	102937780	E-Transfer		\$3,209.65

I hereby authorize the above work to be done along with the necessary material and hereby grant you and/or your employees permission to operate the vehicle herein described on street, highways or elsewhere to the purpose of testing and/or inspection. Any amounts charged over the approved limit will be collected before your product is allowed to leave. Interest charge will be 3% per month or 36% per year. This charge will be applied to all outstanding amounts past payment terms. Invoice is due upon receipt. Only if you have an approved customer account, terms are reflected in your signed Charge Account Application and payment must be received accordingly. Payment must be received at Kinked Wrench Mechanical before the end of the current statement month to avoid interest charges. NSF payments are subject to a \$60.00 NSF fee. Any warranties on the parts and accessories sold hereby are subject to and determined by the manufacturer. You understand and agree that we offer a 30 day workmanship but no warranties of any kind unless expressed in writing. Customer supplied parts are not subject to warranty of any kind.

NOT RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR CONTENTS

If repairs performed required removal of wheels/tires, it is the vehicle operator's responsibility to re-torque wheel lug nuts after driving 100 kilometers

GST Number: 73114 7278 RT0001

**Kinked Wrench Mechanical
Ltd.**
RR1 Site 2 Box 7
Eckville, AB T0M 0X0, CA
hollyweaver@kinkedwrenchme
chanical.com
Phone: 403-429-0320



Invoice: INV-3210
Date: 9/17/2025

Bill To
Clearwater Oilfield Services LTD

P: 403-845-9285

Remit Payment To
Kinked Wrench Mechanical
RR1 Site 2 Box 7
Eckville, AB T0M 0X0, CA

Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
SO-3614	Net 30	10/17/2025	Derek Leavitt		107

Item	Description	Quantity	Rate	Amount
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Complaint: Replace PTO engage air switch - customer supplied part in cab

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Transmission / PTO / removed bolts holding the old switch in place but could not get it out enough to get a clear view of where the airlines went, disassembled the old switch and pulled the cover plate off then i was able to pull the body of the valve out and see where the airlines went, labelled and removed the airlines from the valve. acquired new airline fittings to install on the new valve. Installed all fittings in proper orientation with thread sealant. installed the valve body back in place and the rest of the valve was re-assembled and tested for leaks. no leaks or issues present. PTO shifting normally. cleaned up tools and work area. - Completed: 9/17/2025	1.00000	\$135.00	\$135.00
Parts	1/4" brass tube x 1/8" male NPT 90 - 1469-4A	1.00000	\$3.27	\$3.27
Parts	1/4" Brass tube x 1/8" male NPT - 1468-4A	2.00000	\$2.51	\$5.02
			Subtotal	\$143.29

Complaint: Positive air shut off not working - diagnose and repair

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Engine / Air Intake / Induction / traced wiring for the positive air shut off tested for power at the switch and confirmed there was power to the switch. tested solenoid with power probe and confirmed it was working properly and actuating the positive air shut off. traced wiring into the fire wall and had to remove dash and gauge clusters. traced the wiring to the rev guard confirmed that there were no breaks in any of the wiring going to or from the rev guard. had to find a wiring diagram and found out the rev guard was wired wrong. removed the wires off the rev guard and re wired and tested. positive air shut off now working properly. re mounted switch and tied wiring back up.	3.00000	\$135.00	\$405.00
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re connected all connectors I had taken apart and re installed gauge clusters and dash components. cleaned up all tools - Completed: 9/17/2025

Subtotal \$405.00

Complaint: remove 3 tires to be sent to Kaltire for replacement

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Rear Axle/Final Drives / Wheels/Tires / jacked up drive axle one and drive axle two confirmed what tires needed to be changed and found one more with a 3 inch extension thru it. removed that tire as well to send for repairs. removed all 4 tires and sent to kal for replacement. received all tires back from Kal. re-install all 4 tires and torqued to spec. - Completed: 9/17/2025	1.50000	\$135.00	\$202.50
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Subtotal \$202.50

Complaint: Set all brakes

Perform brake system leak test

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Brakes / Brakes / run engine and air up truck. release brakes. set all brakes to spec. measure all push rod travel. Confirmed all slacks worked properly. check for air system leaks.	1.00000	\$135.00	\$135.00
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Found slight air leaks on the p/s abs module and one air leak on the air fitting on the frame used for airing up the truck with shop air. both leaks very minor. all brake pots are in good working order. - Completed: 9/17/2025

Subtotal \$135.00

Complaint: Axle 2 LHS axle gasket leaking - repair

Replace all axles stud nuts with new

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Rear Axle/Final Drives / Axle Shafts / started with axle 2 LH side axle flange gasket leaking. removed axle flange bolts, pulled the axle out enough to drain the fluid, then pulled axle all the way out. cleaned mating surfaces with wire wheel on a die grinder. once cleaned a new gasket was installed and the axle was put back in. hub was filled back up with new 75 /90 gear oil. customer requested all axle flange nuts be replaced with new so when putting on the axle flange new nuts were used and torqued to 150 ft-lbs.	2.00000	\$135.00	\$270.00
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Moved to axle 3 and removed one nut at a time and replacing then with new ones and torquing them to spec. installed new nuts on every drive axle except axle 2 RH side, that side has new bolts and they were still torqued properly. double checked all axle nut torques. cleaned up tools and work area - Completed: 9/17/2025

Parts	5/8 NF Nylock Replacement Nuts, for drive axle flange re-install, Full set of 8 - AFNF5/8	5.00000	\$10.80	\$54.00
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Parts	Drive axle flange gasket x 5/8" hole (#3303106) - HUB5/8	1.00000	\$3.11	\$3.11
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Parts	Delo Synthetic 75W90 Gear Oil, Differentials and Wheel hubs - 223030-	1.00000	\$14.99	\$14.99
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783

Subtotal	\$342.10
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Complaint: Check engine light on - diagnose and repair**Cause:** Customer request **Type:** Customer Requested Repair

Labor	Correction: Engine / Electrical / Hook up computer to truck and check codes. active code for oil temp readings erratic. same code as before. ran out of time for performing troubleshooting steps. customer will need to bring back for troubleshooting and repair. clear codes and disconnect computer from truck. no charge at this time. - Completed: 9/17/2025	0.00000	\$0.00	
			Subtotal	\$0.00

Complaint: Service - Change oil and filter, fuel filters, check air filters, Check all oil levels, complete grease, and grease PTO**Cause:** Customer request **Type:** Preventive Maintenance

Labor	Correction: Engine / Lubrication / checked air filters, customer wanted them changed , checked all fluid levels under the hood, topped up the low coolant. checked transmission and diff fluids , drained engine oil, removed and replaced the oil filter, fill engine with new oil. installed the new air filters. removed first fuel filter, cleaned out filter reservoir with brake clean and then installed the new filter in the truck with the correct filter wrench. primed the truck several times and then removed the next fuel filter and replaced then primed the truck again. started truck to check for leaks. no leaks. shut down engine and check oil level. top up as needed. entire truck was greased from front to back. greased PTO. install new next service due sticker. cleaned up all tools	2.50000	\$135.00	\$337.50
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filters purchased under customers account - Completed: 9/17 /2025

Parts	Chevron Ursa 15W40 oil, Pail - CHV257005-448	2.00000	\$149.85	\$299.70
Parts	Shipping of Smaller Items - SHIP1	2.00000	\$25.00	\$50.00
Parts	Delo Coolant Red 50/50 Jug - 227811-492	1.00000	\$14.65	\$14.65
Parts	Chevron Ursa 15W40 Oil, Jug - CHV257005-429	2.00000	\$31.72	\$63.44
Parts	Red N Tacky Grease, EP2 - 20005-30	1.00000	\$8.78	\$8.78
			Subtotal	\$774.07
	Environmental Fee	1.00	\$0.20	\$0.20

Unit: 107 **VIN:** 1NKDX4TX6FR976493
2015 Kenworth T8 Series
Chassis: 222,474 Kilometres
Engine: 15,937 Hours

Labor	\$1,485.00
Parts	\$516.96
Shop Supplies	\$100.11
Pre-Charge Subtotal	\$2,102.07
Environmental Fee	\$0.20
GST	\$105.11
(5% of \$2,102.27)	
Total	\$2,207.38
Payments & Credits	\$2,207.38
Balance Due	\$0.00

I hereby authorize the above work to be done along with the necessary material and hereby grant you and/or your employees permission to operate the vehicle herein described on street, highways or elsewhere to the purpose of testing and/or inspection. Any amounts charged over the approved limit will be collected before your product is allowed to leave. Interest charge will be 3% per month or 36% per year. This charge will be applied to all outstanding amounts past payment terms. **Invoice is due upon receipt.** Only if you have an approved customer account, terms are reflected in your signed Charge Account Application and payment must be received accordingly. Payment must be received at Kinked Wrench Mechanical before the end of the current statement month to avoid interest charges. NSF payments are subject to a \$60.00 NSF fee. Any warranties on the parts and accessories sold hereby are subject to and determined by the manufacturer. You understand and agree that we offer a 30 day workmanship but no warranties of any kind unless expressed in writing. Customer supplied parts are not subject to warranty of any kind.

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GST Number: 73114 7278 RT0001

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Ltd.**
RR1 Site 2 Box 7
Eckville, AB T0M 0X0, CA
hollyweaver@kinkedwrenchme
chanical.com
Phone: 403-429-0320



Invoice: INV-3183
Date: 9/10/2025

Bill To
Clearwater Oilfield Services LTD

P: 403-845-9285

Remit Payment To
Kinked Wrench Mechanical
RR1 Site 2 Box 7
Eckville, AB T0M 0X0, CA

Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
SO-3556	Net 30	10/10/2025	Derek Leavitt		107

Item	Description	Quantity	Rate	Amount
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Complaint: Headlights not working working. Diagnose and repair

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Electrical System / Headlights/Bulbs / Turn on lights and check operation. low beams and high beams working as they should. after leaving lights on for a few minutes a headlight code came up on dash. Hook up computer and check cab controller codes. active code for high beam short to power. inspect lights closer on high beam. all 4 lights working normally. turn on low beams and inspect closely. found LHS high beam was glowing very lightly. turn on headlights and remove headlight bezel and remove both bulbs. inspect headlight harness for any issues. harness looks in good shape. swap out low beam for a new bulb to check and see if problem is internal headlight short. still same issue with new bulb. open hood and inspect harness under hood for any issues. remove all black tape and loom covering wiring. no visible issues with harness. look for connector for headlights. no connector found to test. headlight harness has been hardwired together. inspect wire colours at hardwire location. found ground and power wire are mixed up. cut both wires and rewire properly. test all lights. all lights now working properly and no more codes in dash. no more lightly lit high beam. recover harness and tie up with zip ties and p-clamps. re-install headlights and bezel. clear codes and disconnect computer from truck. clean up all tools - Completed: 9/10/2025	1.50000	\$135.00	\$202.50
			Subtotal	\$202.50

Complaint: Check engine light on. Diagnose and repair

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Engine / Electrical / Hooked up computer to truck and checked codes. found active code for engine oil temp out of range. monitor sensor readings using laptop. engine oil temp is reading 40 degrees and coolant temp is 180 degrees. ordered new temp sensor. Removed and replaced engine oil temperature sensor. Cleared code 0425. start engine and run at high idle. Monitored oil temp as coolant temp rose to 170 and oil temp slowly rose while running at high RPM. no more active codes. disconnect computer from truck. Parked unit. - Completed: 9/10/2025	1.50000	\$135.00	\$202.50
Parts	Temperature sensor - 4954905	1.00000	\$54.24	\$54.24

Parts	Shipping of Smaller Items - SHIP1	1.00000	\$25.00	\$25.00
			Subtotal	\$281.74
Complaint: Low coolant light on. Diagnose and repair				
Cause: Customer request Type: Customer Requested Repair				
(Inspection)				
Labor	Correction: Engine / Cooling System / Installed coolant system pressure tester. Brought pressure up to 16psi. Found 3 coolant leaks. Tightened clamp at lower rad hose to accessory manifold tube, replaced another clamp on same pipe downstream. Tightened clamp on transmission oil cooler. Topped un engine coolant and pressure tested again. no more visible leaks at this time. coolant level stayed up and low coolant light is off. cleaned up all tools. - Completed: 9/10/2025	1.00000	\$135.00	\$135.00
Parts	Delo Coolant Red 50/50 Jug - 227811-492	1.00000	\$14.65	\$14.65
Parts	Wavesal gear clamp, 1" to 1-3/4", double lined, hose protection - 36003-0024-10	1.00000	\$6.89	\$6.89
			Subtotal	\$156.54
Complaint: Back up alarm not working				
Cause: Customer request Type: Customer Requested Repair				
(Inspection)				
Labor	Correction: Chassis / Lighting & Electrical / removed wiring from back up alarm but the ground terminal on the alarm was badly corroded and broke off, removed and replaced the back up alarm with new and attached wiring but still didn't function properly. traced the wires back and found a corroded section of wire between the alarm and the junction box. replaced wire and tested function. back up alarm functions properly. - Completed: 9/10/2025	1.50000	\$135.00	\$202.50
Parts	Back up alarm 93DBL - 73040	1.00000	\$37.46	\$37.46
			Subtotal	\$239.96
Complaint: PTO light not working. Diagnose and repair				
Cause: Customer request Type: Customer Requested Repair				
(Inspection)				
Labor	Correction: Chassis / Lighting & Electrical / remove PTO switch and gain access to PTO light wiring. removed wiring from back of pto light down by the drivers door and tested for power on the lines going to it, had some irregular readings. removed all dash panels and traced wire up into the dash but then could not figure out why it was hooked up to the clock and where the other line went, noticed the truck has a PTO light on the dash panel and wasn't sure which light they wanted working. traced and tested more wiring to see if there was any other issues with either light. traced wiring to source power and try to figure out power distribution for circuit. pull out all wiring from loom under dash as well as near PTO switch. figure out wiring circuit and notice that main power goes to PTO hr meter and main ground as well. also found that main ground circuit was cut and ground ground wire to lights were attached to another power source creating issues. cut wiring and attach proper powers and grounds to proper circuits. test PTO lighting. PTO light on dash and at switch now come on with PTO on and turns off with PTO off. circuit now working properly. re-install all loom on all wiring under dash. tie up all wiring under dash. tie up all wiring at PTO switch. reinstall PTO light and PTO switch to mount. reinstall all dash panels. test PTO function and PTO light again. all working good. clean up all tools - Completed: 9/10/2025	3.00000	\$135.00	\$405.00
			Subtotal	\$405.00

Complaint: Extract and replace broken exhaust manifold bolt

Cause: Customer request **Type:** Preventive Maintenance

(Inspection)

Labor	Correction: Exhaust / Exhaust Manifold / Noticed missing upper exhaust manifold bolt at #6 location. Removed RH hood pocket pin for access. Extracted bolt with LH drill bit and screwdriver. Installed new bolt and torqued to spec. Installed hood pocket pin and made sure adjustment was correct. - Completed: 9/10/2025	1.50000	\$135.00	\$202.50
Parts	Exhaust manifold stud spacer, Cummins - 4965512	1.00000	\$23.19	\$23.19
Parts	Exhaust manifold Bolts, cummins - 4965698	1.00000	\$11.97	\$11.97
			Subtotal	\$237.66

Unit: 107 **VIN:** 1NKDX4TX6FR976493

2015 Kenworth T8 Series

Chassis: 219,600 Kilometres

Engine: 15,760 Hours

Labor	\$1,350.00
Parts	\$173.40
Shop Supplies	\$76.17
Pre-Charge Subtotal	\$1,599.57
GST (5% of \$1,599.57)	\$79.98
Total	\$1,679.55
Payments & Credits	\$1,679.55
Balance Due	\$0.00

Payment Information

Date Created	Date Applied	Payment #	Method	Reference #	Amount
9/24/2025	9/25/2025	102660471	E-Transfer		\$1,679.55

I hereby authorize the above work to be done along with the necessary material and hereby grant you and/or your employees permission to operate the vehicle herein described on street, highways or elsewhere to the purpose of testing and/or inspection. Any amounts charged over the approved limit will be collected before your product is allowed to leave. Interest charge will be 3% per month or 36% per year. This charge will be applied to all outstanding amounts past payment terms. **Invoice is due upon receipt.** Only if you have an approved customer account, terms are reflected in your signed Charge Account Application and payment must be received accordingly. Payment must be received at Kinked Wrench Mechanical before the end of the current statement month to avoid interest charges. NSF payments are subject to a \$60.00 NSF fee. Any warranties on the parts and accessories sold hereby are subject to and determined by the manufacturer. You understand and agree that we offer a 30 day workmanship but no warranties of any kind unless expressed in writing. Customer supplied parts are not subject to warranty of any kind.

NOT RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR CONTENTS

If repairs performed required removal of wheels/tires, it is the vehicle operator's responsibility to re-torque wheel lug nuts after driving 100 kilometers

GST Number: 73114 7278 RT0001

Kinked Wrench Mechanical Ltd.
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA
 hollyweaver@kinkedwrenchmechanical.
 com
 Phone: 403-429-0320



Invoice: INV-3114
Date: 8/14/2025

Bill To
 Clearwater Oilfield Services LTD

 P: 403-845-9285

Remit Payment To
 Kinked Wrench Mechanical
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA

Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
SO-3435	Net 30	9/13/2025	Derek Leavitt		107

Item	Description	Quantity	Rate	Amount
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Complaint: Replace clutch

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction:	25.00000	\$135.00	\$3,375.00
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Clutch / Clutch Assembly / drove truck up on ramps outside and used trucks own water system to wash bottom side of truck as it was badly caked in mud. brought unit into shop and put truck onto big ramps in shop. removed exhaust piping, removed cross member, removed Hydraulic pump, removed bracket for lines off pump to be able to move it far enough out of the way for the jack to get in place, removed pto, removed studs for PTO so transmission would sit flat on the jack, removed all 3 sections of driveshaft, removed shift tower, removed oil cooler, removed support bracket off top of transmission, removed clutch bolts, removed 8 bell housing bolts and got jack under truck to support the weight of the transmission. removed remainder of bolts and removed transmission and lowered it down to ground level. removed clutch, removed cross shafts and clutch fork, removed input shaft and bearing. cleaned out bell housing. removed flywheel and sent it to be machined, cleaned out rear structure and found rear main seal was weeping, removed rear main seal and replaced with new using seal install tool, got flywheel back and installed it with spacer in place, torqued to 185 ft-lbs, then installed the pilot bearing. installed new input shaft with new seal and bearing, installed new cross shafts and clutch fork, installed clutch into transmission, lifted transmission back up into place and bolted bell housing as much as possible before removing the jack from underneath the transmission then finished bolting up the rest of the bell housing bolts then torqued to spec. installed clutch bolts, torqued to spec. re-installed upper support bracket and trans oil cooler, hooked up all air lines and electrical, installed shift tower and floor cover. installed all 3 sections of drive shaft. installed PTO studs on bottom of transmission then grabbed the shims for the PTO. lifted PTO and spacer plate up into place bolted up wit 4 bolts to check gear lash with sims in place, gear lash is approx. 9 thou. dropped PTO back down to get the rest of the nuts in place on the studs, torqued PTO to spec. hooked up pump to PTO and installed support for pump lines, filled trans with new oil. started truck and let run and air up. checked for leaks. found small leak coming from PTO flange. noticed small crack on PTO flange surface. inform customer.

after PTO replacement adjusted clutch to spec and sent truck out for road test. brought back into shop and checked for leaks. no leaks. clean up all tools. returned truck to customer - Completed: 8/14/2025

Parts	Brake and parts cleaner, Aerosol - 45246	2.00000	\$8.57	\$17.14
Parts	7/16" x 1-3/4" Grade 8 Bolt, special application - 7/16X1.75	12.00000	\$1.54	\$18.48
Parts	Nuts/bolts/washers - Misc HDWR	8.00000	\$1.55	\$12.40
Parts	1/2" x 1-1/2" Grade 8 Bolt - 1/2X1.5	2.00000	\$0.95	\$1.90
Parts	1/2" Grade 8 Nylock and Washers - 1/2HDWR	2.00000	\$1.08	\$2.16
Parts	PTO SHIM 10" THOU - 35P15-1	1.00000	\$2.52	\$2.52
Parts	PTO SHIM 20"THOU - 35P15-2	1.00000	\$3.20	\$3.20
Parts	Nuts/bolts/washers - Misc HDWR	8.00000	\$1.55	\$12.40
Parts	1/4" brass tube x 1/8" male NPT 90 - 1469-4A	1.00000	\$3.27	\$3.27
Parts	5" Exhaust gasket, Cummins - 562.U85591	1.00000	\$10.25	\$10.25
Parts	5" Exhaust gasket, Cummins - 562.U85591	2.00000	\$10.25	\$20.50
Parts	Exhaust sealing step clamp, 4" - X007784	1.00000	\$20.44	\$20.44
Parts	Exhaust Step Clamp, 5" - 562.U3105SS	2.00000	\$13.76	\$27.52
Parts	5" Saddle Clamp - MUC5R	1.00000	\$10.80	\$10.80
Parts	75w90 Synthetic Transmission Oil, Eaton certified - CHV 223079-361	15.00000	\$16.20	\$243.00
Parts	Shipping of Smaller Items - SHIP1	2.00000	\$25.00	\$50.00
Parts	PTO SHIM 10" THOU - 35P15-1	1.00000	\$2.52	\$2.52
			Subtotal	\$3,833.50

Complaint: Check engine light on. Diagnose and advise

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Exhaust / Sensors / Hooked up computer to truck and checked codes. active code for EGR temp sensor. engine is deleted. checked sensor. found sensor partially plugged in. removed electrical and cleaned out sensor and connections. reconnect sensor and cleared all codes. no more codes. disconnect computer from truck. - Completed: 8/14 /2025	0.50000	\$135.00	\$67.50
			Subtotal	\$67.50

Complaint: Replace cracked PTO after trans install with chelsea type

Cause: Customer request **Type:** Other

(Inspection)

Labor	Correction: Transmission / PTO / removed pump from PTO and put it on a jack off to the side. removed nuts for the PTO and dropped PTO back down and took out from under the truck. found crack directly through mating flange. need to order new PTO. Installed cover plate on the bottom of the transmission. Filled transmission with fluid and moved the truck out of the shop while we wait for parts.	10.00000	\$135.00	\$1,350.00
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helped with installation of Chelsea pto. Set backlash and tightened mount nuts. Removed mounting flange studs and installed supplied bolts. Installed hydraulic pump. And tightened bolts. PTO pump mounting flange is in a different orientation then the Muncie PTO that was removed. Modified crossmember to clear hydraulic pump. modified rear hydraulic pump support bracket and bolted back of pump to back of trans. Loosened some hydraulic pump lines adjusted and tightened to clear exhaust. Filled transmission with oil, tightened fill plug. start engine and checked for leaks. no leaks. function test hydraulics and checked function and for leaks.

no leaks. clean up all tools - Completed: 8/14/2025

Parts	6" Exhaust V-Band Clamp - P206607	1.00000	\$48.20	\$48.20
Parts	Misc. Size, Thickness of Plate Steel used for Fabrication and welding - MISCSTEEL	2.00000	\$8.78	\$17.56
Parts	Nuts/bolts/washers - Misc HDWR	2.00000	\$1.55	\$3.10
Parts	V-band exhaust clamp, 5" - 90-0013	1.00000	\$29.38	\$29.38
Parts	Exhaust fiber sealing gasket, 5" - 2866337	2.00000	\$30.55	\$61.10
Parts	Shipping of Smaller Items - SHIP1	1.00000	\$25.00	\$25.00
Parts	Chevron Ursa 15W40 Oil, Jug - CHV257005-429	1.00000	\$31.72	\$31.72
Parts	1/4" Brass Tube x 1/8" Male NPT 45 - 1474-4A	1.00000	\$4.85	\$4.85
Parts	1/4" Brass Tube Sleeve - 1460-4	1.00000	\$0.26	\$0.26
Parts	1/4" Brass Tube Nut - 1461-4	1.00000	\$0.74	\$0.74
Parts	1/4" Brass Tube Union Coup - 1462-4	1.00000	\$2.61	\$2.61
Parts	1/4" Brass tube x 3/8" male NPT - 1468-4C	1.00000	\$3.78	\$3.78
Parts	Kleen-flo parts cleaner - 303	1.00000	\$13.37	\$13.37
			Subtotal	\$1,591.67

Trans Oil Environmental Fee	15.00	\$0.15	\$2.25
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Unit: 107 VIN: 1NKDX4TX6FR976493

2015 Kenworth T8 Series

Chassis: 217,532 Kilometres

Engine: 15,639 Hours

Labor \$4,792.50

Parts \$700.17

Shop Supplies \$274.75

Pre-Charge Subtotal \$5,767.42

Trans Oil Environmental Fee \$2.25

GST
(5% of \$5,769.67) \$288.48

Total \$6,058.15

Payments & Credits \$0.00

Balance Due \$6,058.15

I hereby authorize the above work to be done along with the necessary material and hereby grant you and/or your employees permission to operate the vehicle herein described on street, highways or elsewhere to the purpose of testing and/or inspection. Any amounts charged over the approved limit will be collected before your product is allowed to leave. Interest charge will be 3% per month or 36% per year. This charge will be applied to all outstanding amounts past payment terms. **Invoice is due upon receipt.** Only if you have an approved customer account, terms are reflected in your signed Charge Account Application and payment must be received accordingly. Payment must be received at Kinked Wrench Mechanical before the end of the current statement month to avoid interest charges. NSF payments are subject to a \$60.00 NSF fee. Any warranties on the parts and accessories sold hereby are subject to and determined by the manufacturer. You understand and agree that we offer a 30 day workmanship but no warranties of any kind unless expressed in writing. Customer supplied parts are not subject to warranty of any kind.

NOT RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR CONTENTS

If repairs performed required removal of wheels/tires, it is the vehicle operator's responsibility to re-torque wheel lug nuts after driving 100 kilometers

GST Number: 73114 7278 RT0001

403 429 0185

WO#:

06/03/2025

Item No	Description	Unit Price	QTY	AMOUNT
	2015 KW T800..UNIT 107..VIN 976493..79775037..ENG MOD ISX15.525..215,002KMS/15,447HRS			
	COMPLAINT: PERFORM HEAD SET.			
	Traveled to location. Removed air-air plumbing, air intake across engine and rocker lid. Cleaned front crank pully and marked timing marks. Removed rad stay arm. Inspected top end and performed head set.			
	Reinstalled all items removed on dissassembly.			
	LABOUR	\$135.00	4.5	\$607.50
	SHOP/MISC SUPPLIES		1	\$60.75
TOTAL AMOUNT OWING				\$668.25

Kinked Wrench Mechanical Ltd.
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA
 hollyweaver@kinkedwrenchmechanical.com
 Phone: 403-429-0320



Invoice: INV-2802
Date: 3/25/2025

Bill To
 Clearwater Oilfield Services LTD

 P: 403-845-9285

Remit Payment To
 Kinked Wrench Mechanical
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA

Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
SO-3186	Net 30	4/24/2025	Derek Leavitt		107

Item	Description	Quantity	Rate	Amount
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Complaint: CVIP

Cause: Customer request **Type:** Customer Requested Repair

Labor	Correction: Chassis / Chassis / Check all brakes, drive line, exhaust system, air compressor build time and air leaks, check all lights, measure and record all items needed for CVIP inspection, make list of all repairs needed, get parts quote, contact customer for approval Fill out CVIP paperwork, install new sticker, return unit to customer, clean up all tools and bay.	2.22222	\$135.00	\$300.00
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- Completed: 3/25/2025

Subtotal \$300.00

Complaint: Repair/replace lights as needed

Cause: Customer request **Type:** CVIP Repair

(Inspection)

Labor	Correction: Chassis / Lighting & Electrical / front left amber clearance light on deck is not working. remove light and inspect. found corrosion on back of light and wiring to pigtail. replace pigtail with new. install new grommet and try to install new light. light would not fit in the hole. remove grommet and use die grinder with flapper wheel to buff off rust deposits in grommet hole. install grommet and install new light. test light. light working good now. tie up wiring. upper clearance light RHS of doghouse very dim. remove light and inspect. clean up wiring connections as dirty and starting to get corroded. apply dielectric grease and reconnect light. light now working properly. clean up all tools - Completed: 3/25/2025	0.50000	\$135.00	\$67.50
Parts	2 Wire Pigtail, Grote - 67050	1.00000	\$3.15	\$3.15
Parts	2.5" Round LED marker light, amber - G1033	1.00000	\$11.75	\$11.75
Parts	2-1/2" Round Grommet - 10401	1.00000	\$5.54	\$5.54

Item	Description	Quantity	Rate	Amount
			Subtotal	\$87.94

Complaint: Install brake stroke indicators

Cause: Customer request **Type:** CVIP Repair

(Inspection)

Labor	Correction: Brakes / Brakes / supply and install brake stroke indicators as per CVIP requirements. no added labour charge to customer - Completed: 3/25/2025	0.00000		\$0.00
Parts	Red Brake pot stroke indicators, stop signs - S-100	8.00000	\$1.35	\$10.80
			Subtotal	\$10.80

Complaint: Repair air leaks as needed

Cause: Customer request **Type:** CVIP Repair

(Inspection)

Labor	Correction: Brakes / Brakes / air leak coming from passenger seat in cab. remove bottom cushion on seat and inspect air lines. found quick connect fitting that was leaking badly. drain air and remove union. noticed air lines were cut at a 45 degree angle. recut air lines straight and reconnect to quick connect union. air up truck and checked for leaks. no more leaks. re-install bottom cushion. found air leak coming from quick connect fitting at PTO. remove air line and fitting. install new 90 degree nut and ferrel fitting to PTO. re-install air line and tighten. air up truck and check for leaks and PTO function. no more air leaks. clean up all tools - Completed: 3/25/2025	1.00000	\$135.00	\$135.00
Parts	1/4" brass tube x 1/8" male NPT 90 - 1469-4A	1.00000	\$3.27	\$3.27
Parts	Shipping of Smaller Items - SHIP1	1.00000	\$25.00	\$25.00
			Subtotal	\$163.27

Complaint: Replace input diff seal mid diff

Cause: Customer request **Type:** CVIP Repair

(Inspection)

Labor	Correction: Rear Axle/Final Drives / Power Divider & Pinion Seals / lifted vac tank for more access. removed driveline between diffs. tried to remove yoke nut. yoke nut is seized. used torch to cut off yoke nut from input shaft. used yoke puller to remove yoke. Pried out old seal and cleaned seal surface. installed new seal. cleaned up threads on input shaft with thread chaser. Slid yoke back onto input shaft, installed new yoke nut with the supplied red locktite. Tightened nut to spec. Lifted driveline back in place. Put u-joint straps back on with blue locktite on bolts. Torqued to spec. Checked diff level and it was good. Cleaned up tools finished. ***customer supplied parts*** - Completed: 3/25/2025	2.00000	\$135.00	\$270.00
			Subtotal	\$270.00

Item	Description	Quantity	Rate	Amount
Complaint: Replace u-joint mid diff output				
Cause: Customer request Type: CVIP Repair				
(Inspection)				
Labor	Correction: Transmission / U-Joints / Removed intermediate shaft between diff 2 and 3. tried to use u-joint puller to remove u-joint. u-joint will not move. Took shaft to press and removed u-joint. Wiped grease and loose dirt out of ears of driveshaft. Installed new u-joint. Lifted shaft back into place and installed a new strap kit on the new u-joint and the original straps on the original u-joint. Torqued bolts to spec. Greased both u-joints on shaft. Cleaned up tools finished. - Completed: 3/25/2025	1.50000	\$135.00	\$202.50
Subtotal				\$202.50
Complaint: Replace upper stack bushing passenger side turn driver side stack so clamps stop hitting cab				
Cause: Customer request Type: CVIP Repair				
(Inspection)				
Labor	Correction: Exhaust / Exhaust Pipe / Removed both heat shields from each stack. Removed the rod and rubber bushing. Unbolted both center bushings that were worn out. Installed new ones into place. Pulled passenger side stack back into place put rod through with rubbers. Driver side stack had to be rotated. Loosened off the upper saddle clamps pulled stack away from cab and tightened clamps back down. Installed rod and rubbers. Reinstalled both heat shields. Cleaned up tools finished. - Completed: 3/25/2025	2.00000	\$135.00	\$270.00
Subtotal				\$270.00
Complaint: Dust shield missing axle 3 RHS - install Dust shield loose axle 4 LHS - repair				
Cause: Customer request Type: CVIP Repair				
(Inspection)				
Labor	Correction: Brakes / Brakes / tried to tighten bolts on axle 4 as there were a couple bolt that were loose, it tightened up a bit but was still a bit loose, removed the bolts holding it in and cleaned them but upon removal found a hole had been ripped off the dust cover so it would not get any tighter, found a replacement in parts for the top half of the dust cover, replaced top half of axle 4 dust cover, tightened bolts back in and it was solid after that. moved to axle 3 and removed entire dust cover and replaced with new cover and bolts. cleaned up tool and work area - Completed: 3/25/2025	1.00000	\$135.00	\$135.00
Parts	Used left over brake dust cover halves from replacement jobs - RBDC	1.00000	\$33.75	\$33.75
Subtotal				\$168.75
Complaint: ABS light on - diagnose and repair				
Cause: Customer request Type: CVIP Repair				

Item	Description	Quantity	Rate	Amount
(Inspection)				
Labor	Correction: Brakes / ABS System / hook up computer to truck and check ABS codes. found active code for wheel speed sensor middle drive LHS. disconnect sensor and check continuity. open circuit. need to replace wheel speed sensor. jack up axle and set on stands. remove tires and brake drum. remove wheel speed sensor. sensor was seized in the mount hole and difficult to remove. cut and remove old harness from axle. try to install new wheel speed sensor through hole in spider. would not fit due to corrosion in hole. use drill to drill out hole. route sensor wiring through hole and up to chassis harness. install sensor to wheel hub. tie up sensor harness with zip ties. hook up computer again and check codes. code now inactive. clear all codes. reinstall brake drum and wheels. set axle down and torque tires to spec. set brakes to spec. clean up all tools - Completed: 3/25/2025	2.00000	\$135.00	\$270.00
Subtotal				\$270.00

Complaint: Replace brake pot axle 4 LHS

Cause: Customer request **Type:** CVIP Repair

(Inspection)

Labor	Correction: Brakes / Brake Chamber / Backed off brake. Removed airlines from brake pot. Had to use grinder to removed clevis pin. Unbolted brake pot from bracket. Cut new brake pot pushrod to length. Installed new clevis onto brake pot. Swapped over fittings from old brake pot to new one. Installed brake pot onto truck with new clevis pin. Tightened down mounting hardware and installed airlines. Moved brake stroke indicator to new brake pot from the old one. Set brake. Cleaned up tools finished. - Completed: 3/25/2025	1.00000	\$135.00	\$135.00
Parts	Brake Chamber, short stroke - ELSB3030S	1.00000	\$67.49	\$67.49
Subtotal				\$202.49

Complaint: ABS modulator valve leaks with brake application - diagnose after brake pot replacement

Cause: Customer request **Type:** CVIP Repair

(Inspection)

Labor	Correction: Brakes / Valves / removed airline and electrical going out of the valve, removed bolts holding entire valve assembly in place then removed that valve from the assembly. took to bench to remove air fitting from valve, cleaned fitting and put back into new valve in the same orientation. installed new valve on the assembly and then re-installed the entire assembly. hooked airline and electrical back up to valve and tested. no more leaking from the valve. cleaned up tools and work area - Completed: 3/25/2025	1.25000	\$135.00	\$168.75
Subtotal				\$168.75

Complaint: Check engine light on - diagnose and advise

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Item	Description	Quantity	Rate	Amount
Labor	Correction: Engine / Electrical / hook up computer to truck and check codes. all codes inactive. most recent codes are for EGR temp sensor data erratic and VGT actuator abnormal readings. inform driver of what was found. cleared all codes and returned to customer to see what may come back active. disconnect computer from truck - Completed: 3/25/2025	0.50000	\$135.00	\$67.50

Subtotal \$67.50

Complaint: Change axle 2 RHS axle flange gasket

Cause: Customer request **Type:** CVIP Repair

(Inspection)

Labor	Correction: Rear Axle/Final Drives / Axle Shafts / removed axle flange nuts and cones, pulled out axle, used wire wheel on die grinder to clean mating surfaces on both the hub and the axle. acquired new axle flange gasket and a new set of nuts from parts. installed new gasket, put axle back in, put anti-seize on all cones, torqued all new nuts on axle to 150 ft-lbs. filled hub back up with new 75/90 gear oil. cleaned up tools and work area. - Completed: 3/25/2025	0.50000	\$135.00	\$67.50
Parts	Drive axle flange gasket x 5/8" hole (#3303106) - HUB5/8	1.00000	\$4.19	\$4.19
Parts	5/8 NF Nylock Replacement Nuts, for drive axle flange re-install, Full set of 8 - AFNF5/8	1.00000	\$10.80	\$10.80
Parts	Delo Synthetic 75W90 Gear Oil, Differentials and Wheel hubs - 223030-783	1.00000	\$14.85	\$14.85
Subtotal				\$97.34
	Environmental Fee	1.00	\$0.20	\$0.20

Unit: 107 **VIN:** 1NKDX4TX6FR976493

2015 Kenworth T8 Series

Chassis: 215,581 Kilometres

Engine: 15,471 Hours

Labor	\$2,088.75
Parts	\$190.59
Shop Supplies	\$98.98
Pre-Charge Subtotal	\$2,378.32
Environmental Fee	\$0.20
GST (5% of \$2,378.52)	\$118.93
Total	\$2,497.45
Payments & Credits	\$0.00
Balance Due	\$2,497.45

I hereby authorize the above work to be done along with the necessary material and hereby grant you and/or your employees permission to operate the vehicle herein described on street, highways or elsewhere to the purpose of testing and/or inspection. Any amounts charged over the approved limit will be collected before your product is allowed to leave. Interest charge will be 3% per month or 36% per year. This charge will be applied to all outstanding amounts past payment terms. **Invoice is due upon receipt.**

Only if you have an approved customer account, terms are reflected in your signed Charge Account Application and payment must be received accordingly.

Payment must be received at Kinked Wrench Mechanical before the end of

the current statement month to avoid interest charges. NSF payments are subject to a \$60.00 NSF fee.

Any warranties on the parts and accessories sold hereby are subject to and determined by the manufacturer. You understand and agree that we offer a 30 day workmanship but no warranties of any kind unless expressed in writing. Customer supplied parts are not subject to warranty of any kind.

Kinked Wrench Mechanical Ltd.
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA
 hollyweaver@kinkedwrenchmechanical.com
 Phone: 403-429-0320



Invoice: INV-2704
Date: 2/5/2025

Bill To
 Clearwater Oilfield Services LTD

 P: 403-845-9285

Remit Payment To
 Kinked Wrench Mechanical
 RR1 Site 2 Box 7
 Eckville, AB T0M 0X0, CA

Service Order	Terms	Due Date	Authorizer	Customer PO	Unit #
SO-3050	Net 30	3/7/2025	Derek Leavitt		107

Item	Description	Quantity	Rate	Amount
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Complaint: Replace all drive axle shocks

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction:	4.00000	\$135.00	\$540.00
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Rear Axle/Final Drives / Shocks / tried to remove shocks using impact and wrench but bottom bolts on all shocks are heavily seized, used cutting torch to remove 5 out of 6 shocks because bolts too seized. once cut out had to punch out remaining metal then install new shocks with new hardware. cleaned up tools and work area

Parts paid for by customer and shipped to us. - Completed: 1/23/2025

Parts	Shipping of Smaller Items - SHIP1	1.00000	\$25.00	\$25.00
Parts	3/4" x 5" Grade 8 Bolt - 3/4x5	6.00000	\$5.81	\$34.86
Parts	3/4" x 6" Grade 8 bolt - 3/4X6	6.00000	\$8.10	\$48.60
Parts	3/4" Bolt Nylock and Washers - 3/4HDWR	12.00000	\$2.23	\$26.76
			Subtotal	\$675.22

Complaint: Replace all drive axle center bushings

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction:	28.00000	\$135.00	\$3,780.00
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Rear Axle/Final Drives / Suspension / jacked up truck and put on jack stands, removed tires, removed brake drums, began with 4th axle, used jack to support diff and took jack stands out of the way to gain access to the bushings. attempted to remove bolts for air bags but the bolts were seized in, had to break threaded part out of airbag base. took base off and ran tap into the other holes to clean threads for other 2 base holes then put bag base back on in new orientation. removed bolts for center bushings and hammered suspension bar down to get it to drop to the floor in order to replace center bushings.

Item	Description	Quantity	Rate	Amount
	used 30 ton hydraulic press and attached to the center bushing on LH side. marked position of bushing so new ones go in the proper orientation. pulled bushing out, cleaned hole and sprayed with lube to ensure bushing goes in smooth. used press to pull bushing into place. moved over to RH side and repeated. then removed bolts for the pivot bushings and hammered suspension bar down to the floor. used hydraulic press to remove bushing but had a much harder time with removal as they were fairly seized in. once i was able to remove bushings the holes were cleaned and sprayed with bushing lube and new bushings were pressed into place. had other tech come help put suspension bar back up in place due to weight and awkward lift. once bolts were in place with anti-seize i was able to use small jack to lift the rear end of the suspension bar back up and attach the airbags loose. then lift the suspension bar the rest of the way and got the center bushings to line up so i could install the bolts in the center bushings. once bolts were installed they were tightened using impact then torqued to spec. put axle back on jack stands and moved to axle 3 and began process again. center bushings dropped and were removed fairly easily but the pivot bushing bolts were seized. struggled with RH side but eventually got it out with impact. LH side would not move. had to cut head of the bolt off then use the nut and stack washers to pull the stud out of the bushing. finally got it out after struggling for quite a while. once it was out and the suspension bar was dropped to the ground was able to remove the bushings from either side and install new bushings. again had other tech come help put front of suspension bar back up and in place. then used small jack again to lift the back end and get the airbags installed before putting the center bushings in place and getting the bolts in. put jack stands back in place and moved up to axle 2 and started process again. air bag lower pedestal bolts on LHS were seized. cut off bolts. remove bag pedestal and clean up threads on second set of holes. re-install pedestal and orientate to use the new holes. had same issue with pivot bushing bolt being seized so had to cut head off again and use nut and washers to drag stud out the back again. dropped out and replaced all bushings. got other tech again to help lift front end up and into place then jacked up back end and put all together. tightened and torqued all bolts. put drums and tires back on, dropped truck off jack stands and torqued tires. cleaned up tools and work area.			

parts supplied by customer - Completed: 2/5/2025

Subtotal \$3,780.00

Complaint: Replace front drive axle pivot bushing

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction:	0.00000		\$0.00
	Rear Axle/Final Drives / Suspension / Performed repair on action 3. all labour and parts on action 3 as well - Completed: 2/5/2025			

Subtotal \$0.00

Complaint: Replace front and rear engine mounts

Cause: Customer request **Type:** Customer Requested Repair

Item	Description	Quantity	Rate	Amount
(Inspection)				
Labor	Correction: Engine / Motor Mounts / removed nuts for front motor mounts, jacked up front of engine to gain space for removal but bolts were seized in the bushings, jack up front of engine even more and remove front cross member. used cutting torch to remove what was left of the bushings and bolts. reinstall cross member back in to frame. install new engine mount bushings with new hardware. lower engine down and leave bolts loose to help with removal of rear mounts. moved to rear mounts. loosed all vertical bolts. jacked up on pass side of engine with bottle jack and support it in the air. remove all frame mount bolts and try slide engine mount out. needed to lift engine even further to gain more wiggle room. cut zip ties holding harnesses and other items to frame. finally able to wiggle old mount out of frame. slide new engine mount into frame. install with new hardware. tighten all frame bolts to spec. lower engine down onto mount and loosely install new vertical bolts. move to driver side. lift engine and support. remove all frame bolts and try to move engine mount out. much less room on driver side of frame. remove starter for better access. cut zip ties and remove p-clamps holding harnesses to frame. wiggle mount out of frame. slide new mount into frame and bolt to frame with new hardware. torque all bolts to spec. lower engine down onto mounts. use prybars and come along to move engine around to get center of vertical bolt holes. install new vertical bolts and torque all to spec both sides. torque front engine mount bolts to spec. re-install starter and all starter cables. tie up all loose harnesses. clean up all tools. - Completed: 1/24/2025	8.00000	\$135.00	\$1,080.00
Parts	3/4"x 5-1/2" Grade 8 Bolt - 3/4X5.5	2.00000	\$6.35	\$12.70
Parts	3/4" Bolt Nylock and Washers - 3/4HDWR	2.00000	\$2.23	\$4.46
Parts	Aerosol Brake Clean can, Parts cleaner - BRKCLN	1.00000	\$7.63	\$7.63
			Subtotal	\$1,104.79

Complaint: Replace air compressor

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Brakes / Air Compressor / removed CAC line, removed crankcase filter assembly, filter assembly oil drain hose broke during removal due to being brittle. removed power steering reservoir and rad support bar for access, removed oil fill tube, drained coolant from truck, removed lines going to air compressor, removed power steering pump, removed air compressor bracket and then removed air compressor. brought to bench and removed all fittings off compressor then installed them on the new compressor in the same orientation as they came out so all lines would go back in their proper spot. installed with new gaskets on both the air compressor side and on the power steering pump side. compressor bracket was installed then torqued all bolts to spec. installed compressor and power steering pump, then installed all lines and fittings onto compressor. installed the rad support bar and the power steering reservoir, installed the oil fill tube, installed crankcase filter assembly. received new crankcase filter oil drain tube. routed and installed to engine, installed CAC line, filled coolant back up.	5.00000	\$135.00	\$675.00
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Item	Description	Quantity	Rate	Amount
	cleaned up tools and work area - Completed: 1/31/2025			
Parts	Air Compressor gasket, isx cummins - 5440813	1.00000	\$28.55	\$28.55
Parts	Power Steering Pump Gasket - 4988280	1.00000	\$8.44	\$8.44
Parts	Lube Oil Drain tube - 3688012	1.00000	\$93.95	\$93.95
			Subtotal	\$805.94

Complaint: Replace air dryer cartridge and purge valve

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Brakes / Air Tanks / removed snap ring for purge valve, removed purge valve, tried to use strap wrench to remove cartridge but cartridge too tight and strap wrench just spins, used big pair of channel lock pliers to get grip and still struggled to get cartridge removed. finally got it removed then took a can of brake clean and sprayed it from air compressor discharge line through to the air dryer body to clean out any contaminants. once cleaned out, the new cartridge was installed and the purge valve was also installed. start truck and let air up. check operation of air dryer and purge valve. both working as they should. check for air leaks. no leaks. cleaned up tools and work area. - Completed: 1/31/2025	1.50000	\$135.00	\$202.50
			Subtotal	\$202.50

Complaint: Exhaust flex pip after turbo has hole. Replace

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Exhaust / Exhaust Pipe / removed clamps on either side of the exhaust pipe. removed exhaust pipe from out of the truck, took to vice and removed the flex pipe from the rest of the assembly. acquired new flex pipe and installed it on the assembly with new gaskets. tightened clamps on in the correct spot so they are easily accessible in the future cleaned up. installed exh pipe assembly to engine with new gaskets and torque clamps to spec. start engine and check for leaks. no leaks. tools and work area - Completed: 1/31/2025	1.00000	\$135.00	\$135.00
Parts	AFM Gasket - 2866636	1.00000	\$27.81	\$27.81
			Subtotal	\$162.81

Complaint: Rear drive axle V-rod bolts loose

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Rear Axle/Final Drives / Torque Rods / checked all V-rod bolts, loose bolts were actually on 2nd axle of the truck, used wrench and impact and tightened bolts back up and ensured none of them were loose. cleaned up tools and work area - Completed: 1/31/2025	0.50000	\$135.00	\$67.50
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Item	Description	Quantity	Rate	Amount
			Subtotal	\$67.50

Complaint: Drive axle brake relay valve

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Brakes / Valves / attempted to gain access to valve from underneath truck but valve is right above the second diff and there is a cross member that is right in the way, tried to start truck but inverter was still plugged in in the pressure washer compartment and it killed the batteries, charged batteries and started truck, engaged PTO and lifted the tank on the truck to gain access to the valve. removed all air lines going to valve and then removed valve. cleaned off valve and got part number for replacement of valve. acquired valve from parts and installed all fittings on valve in proper orientation so all lines would go back on properly. once valve was put back together it was installed and all lines were attached. started truck and aired up to test for leaks. no leaks at the relay valve. cleaned up tools and work area - Completed: 2/5/2025	3.00000	\$135.00	\$405.00
Parts	SR-7 Spring brake valve - K021557	1.00000	\$503.21	\$503.21
Parts	Shipping of Smaller Items - SHIP1	1.00000	\$25.00	\$25.00
Parts	1/2" x 3/8" Brass Reducer Bushing - N260-050-038BR	1.00000	\$2.79	\$2.79
			Subtotal	\$936.00

Complaint: ABS valve rear axle leaks air - replace

Cause: Customer request **Type:** Customer Requested Repair

(Inspection)

Labor	Correction: Brakes / Valves / once relay valve was replaced i was able to test ABS valve and see which one was malfunctioning. found it as the service valve portion. removed all air lines and electrical going to valve then removed valve and got one put on order. received new valve. swapped over all fittings in proper orientation so valve would go back into place properly. installed new valve and attached all lines, started truck and tested function of valve and it is working properly. checked for leaks. no leaks. cleaned up tools and work area - Completed: 2/5/2025	2.00000	\$135.00	\$270.00
Parts	R12 Type relay valve, ABS - 170.803115	1.00000	\$235.70	\$235.70
			Subtotal	\$505.70

Complaint: clock Brake pots and repair rubber air lines from rubbing on diffs

Cause: Customer request **Type:** CVIP Repair

(Inspection)

Item	Description	Quantity	Rate	Amount
Labor	Correction: Brakes / Brake Chamber / attempted to loosen bolts and clock brake pots to a better orientation but due to age and rust i could not get the brake pots to twist. removed all 45 degree fittings that were allowing the brake lines to rub on diff and driveshaft and replaced all fittings with 90 degree fittings and routed brake lines differently on all 6 drive axle brake pots. had to replace 3 brake lines that had holes rubbed into them while replacing fittings. once all fittings were replaced and lines were changed the truck was aired up and lines were tested for leaks. found no leaks after service. cleaned up tools and work area - Completed: 2/5/2025	3.00000	\$135.00	\$405.00
Parts	3/8" Brass Male x 3/8" Male NPT 90 Deg Elbow - 49-6C	2.00000	\$4.40	\$8.80
Parts	1/4" Brass male SAE x 3/8" male NPT 90 - 49-4C	2.00000	\$3.70	\$7.40
Parts	3/8" 90 street elbow - N216-038BR	2.00000	\$5.67	\$11.34
Parts	3/8 Brake hose assembly - HAB630C	2.00000	\$11.77	\$23.54
Parts	1/2 Brake hose assembly - HAB832C	1.00000	\$18.67	\$18.67
			Subtotal	\$474.75

Unit: 107 VIN: 1NKDX4TX6FR976493

2015 Kenworth T8 Series

Chassis: 210,706 Kilometres

Engine: 15,180 Hours

Labor	\$7,560.00
Parts	\$1,155.21
Shop Supplies	\$435.76
Pre-Charge Subtotal	\$9,150.97
GST (5% of \$9,150.97)	\$457.55
Total	\$9,608.52
Payments & Credits	\$0.00
Balance Due	\$9,608.52

I hereby authorize the above work to be done along with the necessary material and hereby grant you and/or your employees permission to operate the vehicle herein described on street, highways or elsewhere to the purpose of testing and/or inspection. Any amounts charged over the approved limit will be collected before your product is allowed to leave. Interest charge will be 3% per month or 36% per year. This charge will be applied to all outstanding amounts past payment terms. **Invoice is due upon receipt.**

Only if you have an approved customer account, terms are reflected in your signed Charge Account Application and payment must be received accordingly.

Payment must be received at Kinked Wrench Mechanical before the end of

the current statement month to avoid interest charges. NSF payments are subject to a \$60.00 NSF fee.

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NOT RESPONSIBLE FOR LOSS OR DAMAGE TO VEHICLE OR CONTENTS

If repairs performed required removal of wheels/tires, it is the vehicle operator's responsibility to re-torque wheel lug nuts after driving 100 kilometers

GST Number: 73114 7278 RT0001

Rocky Mountain House, AB
T4T 1H5
403 429 0185

WO#:

[illegible]

403 429 0185

WO#:

26/10/2024

[illegible]

403 429 0185

WO#:

[illegible]

403 429 0185

WO#:

27/06/2025

[illegible]

403 429 0185

WO#:

14/06/2024

[illegible]

403 429 0185

WO#:

4007

[illegible]

403 429 0185

WO#:

4004

Item No	Description	Unit Price	QTY	AMOUNT
	15 KW T800..UNIT 107..VIN 976493..ENG MOD ISX15..ESN 79775037..190,839KM/13,839HRS			
	COMPLAINT: 1) NOISE IN TRUCK 2) ADJUST CLUTCH			
	Traveled to location. 1) Had previously gone to listen to noise and found noise was coming from top end of motor. Removed intake air plumbing and EGR cross over piping. Removed top end cover. Removed rad support on right side and cranked motor over to set up for a top end set. Performed a visual on top end and found rockers very loose. Upon further inspection found lobes on #4 & #6 on camshaft worn and flat.			
	Needs camshaft replacement. Reassembled all items previously removed. Set up appointment with OEM.			
	2) Performed clutch adjustment and checked operation.			
	LABOUR	\$135.00	2.5	\$337.50
	SHOP/MISC SUPPLIES		1	\$33.75
TOTAL AMOUNT OWING				\$371.25