



**TRIPLE THREAT
DIESEL**

Triple Threat Diesel Inc.
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GST/HST Registration No.: 830529301RT0001

INVOICE

BILL TO

Tara Energy Services
9526 81 Ave
Clairmont AB T8X0M2

INVOICE # 23050

DATE 07/03/2025

DUE DATE 08/17/2025

TERMS 45 Days

PO #

Please provide PO#

QTY	DESCRIPTION	RATE	AMOUNT
55	Complaint: Check and advise engine issues.; Cause: Dropped liner and broken piston ring.; Correction: Drained coolant and oil, removed intake piping and rad assembly. Removed cylinder head, oil pan, pistons and liners. Cleaned cylinder block bores. Measured counter-bores, need to be cut. Cut all 6 counter-bores to accompany 0.020" shims. Installed liners and measured. Liners all sitting at 0.012". Rolled in all new main bearings. Torqued main caps to 150ft-lb, backed off then torqued to 110ft-lb. Finished with 180' turn. Built piston and liner assemblies and installed into block. Torqued connecting rod caps to 52ft-lb plus 60' turn. Installed all 6 cooling nozzles, torqued to 48 ft-lb. Bolted up stiffener plate, 50ft-lb plus 60' turn. Installed new oil pump and suction tube. torqued to 41 ft-lb. Cleaned bottom of block and installed oil pan, torqued to 41ft-lb. Removed parts from old cylinder head and mounted to new cylinder head. Installed all 6 APR's and head gasket. Lifted head onto block. Installed new head bolts. torqued in sequence to 150ft-lb, 300ft-lb then 90' turn. Installed new camshaft, mounted front gear-train and set engine timing. Replaced all intake/exhaust rockers and rebuilt jake rockers. Installed rocker shafts onto head and torqued. 22ft-lb plus 60' turn. Barred engine over and performed overhead set. Intake set to 0.014" and exhaust set to 0.027" Jakes set to 7mm. Installed injector harness and valve cover. Torqued to 221in-lb. Installed parts on outside of head. Lifted rad assembly into truck. Hooked up all coolant and air piping. Filled engine with oil, coolant and primed fuel system. Ran engine to check for leaks, none found. Hooked up truck to loaded trailer, ready for road test. Completed road test, runs good. Checked over for leaks, none found. Topped up coolant and parked outside.	154.50	8,497.50
1	Parts: IN-FRAME KIT X-15 (5693831) (5579308)	6,995.00	6,995.00
1	Parts: CYL,HEAD ISX SINGLE CAM (PERFORMANCE)	5,295.00	5,295.00
1	Parts: PUMP, LUBRICATING OIL (5599284RX)	1,290.6783	1,290.68
1	Parts: Inherent Core for LUBRICATING OIL PUMP (5599284RX)	121.00	121.00
-1	Parts: Dirty Core for LUBRICATING OIL PUMP (5599284RX)	121.00	-121.00
1	Parts: ISX HEAD BOLT KIT	561.3345	561.33
1	Parts: ISX FRONT ROCKER SHAFT	439.33875	439.34
1	Parts: ISX REAR ROCKER SHAFT	441.294	441.29
1	Parts: ISX JAKE REBUILD KIT	849.0999	849.10
1	Parts: OIL COOLER GASKET KIT	172.16865	172.17
1	Parts: OIL COOLER KIT WITH HARDWARE (4965487)	877.05405	877.05
5	Parts: CUMMINS RED PAINT	50.6706	253.35
3	Parts: RUSTOLEUM GREY PRIMER	20.60715	61.82

QTY	DESCRIPTION	RATE	AMOUNT
3	Parts: ROCKER -EXHAUST FRONT	139.00	417.00
3	Parts: ROCKER-EXHAUST REAR	139.00	417.00
3	Parts: ROCKER INTAKE FRONT	139.00	417.00
3	Parts: ROCKER INTAKE REAR	139.00	417.00
1	Parts: X15 CAMSHAFT NO CORE	2,795.00	2,795.00
1	Parts: THERMO	129.84045	129.84
1	Parts: THERMO X15 215 DEG	216.96165	216.96
1	Parts: FUEL FILTER	94.5867	94.59
1	Parts: ISX OIL FILTER	59.50	59.50
6	Parts: FRESHLY MACHINED ISX FRACTURE SPLIT CON ROD (3689108)	250.00	1,500.00
6	Parts: 2-1/2" RAD HOSE	9.93952	59.64
6	Parts: 4" CAC CLAMP	15.72495	94.35
11	Parts: CLAMP, 3" CONSTANT TORQUE	18.47415	203.21
1	Parts: R90 DEGREE RUBBER ELBOW	143.6931	143.69
1	Parts: 2-1/2" SILICONE HOSE	59.6766	59.68
1	Parts: 2.5" BLUE COOLANT HOSE W/ RINGS (F50-6308)	58.302	58.30
1	Parts: 4" ORANGE CAC HOSE (HE8716)	51.1446	51.14
2	Parts: AIR FILTER	109.1385	218.28
6	Parts: ISX LINER SHIM 0.020"	99.29115	595.75
44	Parts: 15W40 DURON HP BULK OIL	5.0007	220.03
2	Parts: FINNING SOS OIL/FUEL SAMPLE KIT	29.73165	59.46
50	Parts: 50/50 BULK COOLANT DIESEL	3.18782	159.39
24	Parts: CAP SCREW CON ROD	8.95	214.80
1	Parts: Retaining Ring	11.26935	11.27
1	Parts: SEAL, O-RING	22.21875	22.22
12	Parts: ISX MANIFOLD BOLT	12.43065	149.17
1	Parts: 2250/2350 FRONT COVER PLUG	23.35635	23.36
2	Parts: DAMPER - VISCOUS VIBRATION	1,418.67015	2,837.34
1	Parts: CAM GEAR BOLT (3678882)	14.13705	14.14
1	Parts: Surge Tank Adapter Fitting	18.73485	18.73
1	Parts: BELT-POLY 6 RIBS X 1620	88.2825	88.28
1	Parts: 2250/2350 FRT CRANK SEAL	118.9266	118.93
1	Parts: 2250/2350 FRONT COVER SEAL	73.78995	73.79
1	Parts: GASKET, Idler Cover	21.88695	21.89
3	Parts: SEALING WASHER	9.7881	29.36
1	Parts: KIT O-RING HVAC SERVICE	6.71895	6.72
3	Parts: 4X6 HOSE	56.89185	170.68
4	Parts: EGR CLAMP	97.3596	389.44
1	Parts: CLAMP, TURBO TO DOSER 2250/2350	96.1272	96.13
6	Parts: INJECTOR FIRE RING	6.99	41.94
4	Parts: TEST	122.94375	491.78
7	Parts: CONNECTOR, INJ FUEL SUPPLY	166.93095	1,168.51
2	Parts: INJECTOR	2,485.2531	4,970.51
2	Parts: Inherent Core for INJECTOR	538.3455	1,076.69
-2	Parts: Dirty Core for INJECTOR	538.3455	-
			1,076.69
1	Parts: Main Belt	169.1232	169.12
1	Parts: THM Housing Cover Gasket	30.92798	30.93
1	Parts: SEAL, THERMO	32.0898	32.09
1	Parts: GASKET, ISX THERMO	28.66515	28.67

QTY	DESCRIPTION	RATE	AMOUNT
1	Parts: ISX NEW STYLE OIL PRESSURE RELIEF VALVE	42.9681	42.97
1	Parts: EGR TUBE	98.7342	98.73
3	Parts: O-RING, ISX Water Pump	4.60965	13.83
1	Parts: CUMMINS X15 SHORT TURBO HOLSET (5459711) O.E.	7,895.00	7,895.00
1	Parts: Inherent Core for Inherent Core for X15 TURBO	1,000.00	1,000.00
-1	Parts: Dirty Core for Inherent Core for X15 TURBO	1,000.00	-
			1,000.00
1	Parts: X15 ACTUATOR HOLSET	1,695.00	1,695.00
1	Parts: Inherent Core for X15 ACTUATOR HOLSET	300.00	300.00
-1	Parts: Dirty Core for X15 ACTUATOR HOLSET	300.00	-300.00
1	Parts: VALVE COVER GASKET	107.7639	107.76
4	Parts: SCREW	7.19295	28.77
1	Parts: ISX Internal Harness	404.85525	404.86
2	Parts: SEAL - RECTANGULAR RING (OLD # 3686368)	19.73025	39.46
1	Parts: 2250/2350 FRONT CAM PLATE SEAL O-RING	20.9982	21.00
1	Parts: 2250/2350 FRT CAM ORING (OLD #3679932)	17.064	17.06
4	Parts: HOSE, Silicone Heater 1"	10.9968	43.99
1	Parts: HOSE SPRING	11.85	11.85
3	Parts: EGR GASKET (SMALL)	61.01777	183.05
1	Parts: COOLANT HOSE 90DEG 1-1/4	188.7468	188.75
1	Parts: RACE TRACK SEAL (LARGE)	7.88025	7.88
1	Parts: 2250/2350 TIN GASKET	30.96405	30.96
2	Parts: CLAMP, V-BAND 4"	23.07195	46.14
2	Parts: GASKET, EXHAUST 4-1/2"	13.92375	27.85
1	Parts: CLAMP (3683144)	69.8439	69.84
1	Parts: Surge tank assy	936.11445	936.11
1	Parts: INTAKE CLAMP	94.50375	94.50
1	Parts: Hose-EGR	118.5474	118.55
1	Supplies	500.00	500.00

SO: SO-11412; Unit: T-306; Unit Type: Tractor; VIN: 1XKDP4EX5JJ993179;
Year/Make/Model: 2018 Kenworth T8 Series; Chassis: 577,173 Kilometers;
Engine: 13,022.10 Hours;

I hereby authorize the above repair work to be done along with the necessary material and hereby grant you and/or your employees' permission to operate the truck herein described on streets, highways, or elsewhere for the purpose of testing and/or inspecting.

I agree to the payment terms as discussed with management of Triple Threat Diesel Inc. I and/or my company is responsible for the entirety of all payments associated with the work done for us, by Triple Threat Diesel Inc.

I agree to the terms of Triple Threat Diesel Inc. warranty policy.

Authorized by: _____

SUBTOTAL	57,964.15
GST @ 5%	2,898.21
TOTAL	60,862.36
BALANCE DUE	CAD 60,862.36