

Poppe's Truck & Diesel Repair

PO Box 352
902 W 1st St
Ogallala, NE 69153
(308) 284-7080

Invoice # 14609

John Ervin
198 Road West G.5 North
Ogallala, NE 69127

(308) 287-2462
(308) 289-5352 Mobile

2005 Kenworth T300 Base

VIN: 2NKMLD9X25M094858
Engine: C7 Acert
Trans:

License # 68-399S
Odom: 172825
Color: Blue/ White
Mfg. Date:

Unit #

Inv Date: 11/20/2019

Service Writer: Pamela Hand
Status: Complete
Driver: Ervin, John
PO #

Vehicle Problems	Requests for Service	Services Performed	Qty	Price	Ext
Customer states that: Remove and replace water pump.					1,053.79

Labor Service - Replaced water pump due to fuel dilution swelling the seal. Removed accessory drive, belt, tensioner and alternator. Head rusted fittings on water pump and coolant line to compressor. Removed line and coolant manifold to trans cooler. Removed alternator bracket and water pump. Cleaned all surfaces and install new o-rings on fittings. Installed new pump with new gaskets. Build new strataflex coolant line from water pump to compressor and install. Replaced top radiator hoses due to fuel contamination. Along with other swelled hoses. Removed thermostat housing and thermostats - left out for cooling system flush. Filled cooling system with water and soap. Ran engine. Filled cooling system with water and cooling system flush and ran engine and drained twice. Flushed with clean water. Installed new thermostats and housing gasket. Vacuum filled cooling system with new red extended life coolant. CDF

New	10R5407	Water Pump	1.00	306.11	306.11
Core	10R5407	Core Received	1.00	0.00	0.00
Part	5515-150C	Silicone Hose 1 1/2	4.00	1.93	7.72
New	24148-1	No 28 Worm Clamp	2.00	1.81	3.62
Part	HOSE 8	Hose 8	2.00	5.40	10.80
New	# 8 90	# 8 90 DEGREE FITTING	2.00	48.64	97.28
New	2002258	Gasket	1.00	3.98	3.98
New	1500	Radiator flush	2.00	6.31	12.62
New	7372	Hose Radiator	1.00	31.17	31.17
New	E71435	Hose	1.00	25.86	25.86
New	24144	No 6 Work Clamp Protective Liner	4.00	1.46	5.84
New	308400	Drain cock	1.00	8.90	8.90
New	11090	Coupling 1/8	1.00	3.15	3.15
New	11096	Nipple 1/4	2.00	1.55	3.10
New	3044	Clamp Cable 1.5"	2.00	1.08	2.16
Part	EXTENDED LIFE FC 50/	AF Extended Life 50/50 Gallon	6.00	11.94	71.64
Part	H150	3/8 Heater Hose	6.00	1.64	9.84

Customer states that: Injector problem					1,512.40
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Labor Service - Diagnose fuel in coolant/coolant in fuel and cooling system overflowing. Truck does not have a coolant fuel heater so leaking injector cups are the problem. Steam cleaned engine, drain cooling system. Radiator drain valve broke off in radiator. Had to extract broken fitting and install new drain valve. Removed engine wiring and coolant lines, remove valve cover bolts and valve cover. Removed injector hold down bolts. Removed injectors and extract injector cups. Thoroughly cleaned injector bores and removed all old sleeve retainers. Installed o-rings on new injector cups and coat sealing area with sleeve retainer. Drive in new cups. Removed old injector orings and cleaned injector bodies. Installed new o-rings and installed in cylinder head. Torque injectors hold down bolts to spec. Checked and adjusted valve clearances while valve cover was off. Cleaned valve cover and installed new gasket. Installed cover. CDF

New	1154223	Regulator	2.00	22.56	45.12
New	2225915	Gasket	1.00	2.30	2.30
New	2271200	Sleeve	6.00	20.77	124.62
New	3107255	Oring	6.00	7.19	43.14
New	3107257	Oring	6.00	11.17	67.02
New	70392	Hydraulic hose	18.00	0.88	15.84
Sublet	BILLED OUT LABOR	Labor to build hose	1.00	10.00	10.00
New	G25179-0808	Fitting	2.00	36.31	72.62
New	2974841	Injector Oring Kit	6.00	35.79	214.74

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John Ervin	2005 Kenworth T300 Base	License # 68-399S	Inv Date: 11/20/2019
Sublet FREIGHT	Freight	1.00	17.00 17.00
Customer states that: Fuel system repairs			408.09
Labor Service - Drained entire fuel system including fuel tanks due to coolant contamination. Changed fuel filters and added 16 gallons of clean fuel to tanks. Bled air from fuel system. Started and test drive. Checked for leaks. CDF			270.00
New DIESEL	Diesel	16.00	2.95 47.20
New 3778	Fuel Filter	1.00	70.01 70.01
Part 3626MP	Fuel Filter	1.00	20.88 20.88

I hereby authorize the above repair work to be done along with the necessary materials. You and your employees may operate the vehicle for purposes of testing, inspection, or delivery at my risk. An express mechanics lien is acknowledged on above vehicle to secure the amount of repairs thereto. It is understood that you will not be held responsible for loss or damage to the vehicle or articles left in your vehicle in case of fire, theft or any other causes beyond your control.

X _____

Invoice Summary	
Parts	1,255.64
Labor	1,620.00
Sublet	27.00
Fluids	71.64
Shop Supply/Haz	81.00
Sub Total	3,055.28
Sales Tax (NE)	98.58
Total	3,153.86