Mountain Springs Mechanical Ltd
RR1
DeBolt AB T0H 1B0
+17805180147
Shop@ms-mechanical.com
GST Registration No.:
839803020RT0001

Invoice 7256

BILL TO
PVT Energy Group Inc
93-721071 RR 53
County of Grande Prairie AB
T8X 0N4

DATE	PLEASE PAY	DUE DATE
15/05/2025	**$4,693.50**	14/06/2025

P.O. NUMBER
64246

DATE	ACTIVITY	AMOUNT
	Customer vehicle description Vehicle description. UNIT#B7601 2014 KENWORTH 901565KM 36337HRS VIN#1NKDX4TXEFR972781 PVT work order#53753 P.O#64246 Name/Initial's Greg Mulcahy Dates/Hours worked. MAY-12-2025 - 12HRS MAY-13-2025 - 12HRS MAY-14-2025 - 6HRS TOTALE - 30HRS	0.00

Cheques send to address above
E-transfer to shyane@ms-mechanical.com
Please reference invoice number(s) in comments when sending e-transfers.

DATE	ACTIVITY	AMOUNT
	Shop Traveled to PVT shop May/12-13/2025 to repair unit#B7601. -Removed and replaced both rear engine mounts. -Removed and replaced clutch brake. -Removed and replaced air tank. -Removed and replaced one U-Joint at transmission. -Removed and replaced one u-joint, yoke, pinion seal for first differential. -Removed and replaced rear drive shaft with rebuilt one. -Re-installed two dust shields. -Tested and diagnosed ABS light found unit to need three sensors. Replaced sensors as needed. -Removed and replaced engine fan hub. -Repaired lights as needed. -Torqued all bolts to manufacture specs. -Greased unit. -Adjusted all brakes.	4,470.00
	Customer Supplied Parts No Parts Or Labour Warranty On Customer Supplied Parts. **ALL PARTS.**	0.00
	Re Torque Please Return within 150km for Re torque.	0.00

Any unit left on the premises more than 30 days is subject to incur storage fees at a rate of $10 per day.

Payment Terms - Parts & Service
Payment is due on reciept of goods or services unless otherwise authorized. Credit purchases are due Net 30 days of which the goods or services were purchased. Interest will accrue on unpaid purchases at a rate of 2% per month or 24% annually.

SUBTOTAL	4,470.00
GST @ 5%	223.50
TOTAL	4,693.50
TOTAL DUE	$4,693.50

THANK YOU.

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E-transfer to shyane@ms-mechanical.com
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Mountain Springs Mechanical Ltd
RR1
DeBolt AB T0H 1B0
+17805180147
Shop@ms-mechanical.com
GST Registration No.: 839803020RT0001

Invoice 8411

BILL TO
PVT Energy Group Inc
93-721071 RR 53
County of Grande Prairie AB
T8X 0N4

DATE	PLEASE PAY	DUE DATE
17/09/2026	**$3,347.14**	17/10/2026

P.O. NUMBER
77516

DATE	ACTIVITY	QTY	RATE	AMOUNT
	Customer Vehicle Description Vehicle Description: UNIT#B7601 2015 KENWORTH T800 1,030,729KM PVT-W.O#65125 P.O#77516 NAME/INITIAL'S: Brian Farquhar Adam Trommler TIME OF REPAIRS/20.5HRS	1	0.00	0.00
	Shop -Removed and replaced A2L brake pot, and one brass fitting. -Removed and replaced D/S leaf spring, with new U-Bolts and torqued to manufacture specs. -Replaced upper D/S spring pin/bushing. -Removed and replaced brass fittings for both A4 brake emergency lines, and replaced both lines. -Removed and replaced all V-Rod bushings. -Greased unit.	20.50	149.00	3,054.50
	Sales:Shop Supplies Shop Supplies & Consumables.	20.50	6.50	133.25

Any unit left on the premises more than 30 days is subject to incur storage fees at a rate of $10 per day.

Payment Terms - Parts & Service
Payment is due on reciept of goods or services unless otherwise authorized. Credit purchases are due Net 30 days of which the goods or services were purchased. Interest will accrue on unpaid purchases at a rate of 2% per month or 24% annually.

SUBTOTAL	3,187.75
GST @ 5%	159.39
TOTAL	3,347.14
TOTAL DUE	$3,347.14

THANK YOU.

Cheques send to address above
E-transfer to shyane@ms-mechanical.com
Please reference invoice number(s) in comments when sending e-transfers.

Triple Threat Diesel Inc.

7002 96 St.
Clairmont AB T8X 5B3
+15872594432
accounting@triplethreatdiesel.com
GST/HST Registration No.: 830529301RT0001

INVOICE

BILL TO
PVT Energy Group Inc
93-721071 Range Road 53
County of Grande Prairie
Alberta T8X 0N4

INVOICE	29098
DATE	09/30/2026
TERMS	Net 30
DUE DATE	10/30/2026

PO #
77841

QTY	DESCRIPTION	RATE	AMOUNT
24	Complaint: Rear Structure Leak; Cause: Rear Structure of engine is leaking engine oil externally.; Correction: Lowered the drive-line and found the first section of the drive-line, from the transmission to the first steady bearing, to be out of phase. Removed two sections of exhaust, along with their various clamps and brackets, that would interfere with transmission removal. Removed the cross-member below the transmission, as well as the hydraulic pump brackets and hydraulic pump. Drained the transmission oil and removed the PTO. Removed the transmission temperature sensor to prevent it from being damaged. Removed the various brackets holding the two coolant lines that run from the passenger side of the truck, below the transmission, and across the truck. Unplugged all electrical connections and air lines to the transmission. Removed the transmission oil cooler lines and plugged the ends. Removed the interior shifter cover and shifter, then covered the shifter opening with the shifter cover plate. Unbolted the oil cooler, clutch, and clutch lever. Removed the difficult-to-access bell-housing bolts. Set the transmission jack in place and secured the transmission to the jack. Removed the remaining bell-housing bolts and separated the transmission from the engine. Set the lifts in place and raised the front of the truck enough to remove the transmission from underneath the truck. Removed the clutch and found worn splines on both the clutch plates and the transmission input shaft. The pilot bearing surface of the input shaft was also found to be worn. Removed the transmission from the jack and hoisted it onto a workbench. Removed the cross shafts and bushings from the bell-housing, then removed the input shaft assembly. Installed the new input shaft kit onto the transmission. Installed new bushings, clutch fork, and cross shafts. Swapped the clutch fork over to the new shaft. Assembled the two-piece clutch brake and mounted it onto the input shaft Drained the engine oil and removed the oil pan. Supported the rear of the engine and removed the motor mounts. Cleaned the rear structure and surrounding area with brake cleaner and a wire wheel to remove all built-up debris and oil. Unbolted the starter. Removed the rear structure and housing gasket, then inspected the structure to determine if it could be reused. It was determined that the structure was reusable. Removed the rear main seal and further cleaned the structure. Installed a new structure gasket and reinstalled the original rear structure, then torqued it to specification. Installed new left- and right-hand motor mounts using new fasteners. The blocking and bottle jack supporting the engine were then removed. Installed a new rear main seal using the appropriate installer tool. Cleaned the flywheel and ground 0.015" from both surfaces, then cleaned it again and blew it off with shop air. Installed a new pilot bearing into the flywheel, then mounted the flywheel, noting that the spacer had remained in place on the crankshaft. Torqued the flywheel to specification. Bolted the starter back into the rear structure.	164.50	3,948.00

Removed the engine oil filter. Reinstalled the oil pan using a new pan gasket. Installed a new engine oil filter and filled the engine with 46 L of 15W-40 engine oil.

The transmission was hoisted off the workbench and onto the transmission jack, then secured to the jack once again. The clutch was mounted onto the input shaft and engaged with the clutch fork. The front end of the truck was once again raised, and the transmission was slid underneath the truck. The truck was then carefully lowered over the transmission. The transmission was raised into position with the transmission jack and mated to the engine. All bell-housing bolts were tightened. The straps securing the transmission to the jack were then removed, and the transmission jack was lowered and removed from underneath the truck. The clutch was then bolted to the flywheel. The transmission cooler was bo

1	Parts: SEAL KIT	125.64	125.64
1	Parts: ISX FLYWHEEL HOUSING GASKET (4965688)	175.55	175.55
1	Parts: GASKET, PTO .010"	4.48	4.48
1	Parts: GASKET, PTO .020"	3.78	3.78
1	Parts: CLUTCH, EATON 2050	1,800.00	1,800.00
1	Parts: CLUTCH BRAKE	98.69	98.69
1	Parts: SHAFT-CLUTCH RELEASE (GW20222)	105.10	105.10
2	Parts: SPL250 STRAP KIT	51.25	102.50
1	Parts: FLEX PIPE	26.78	26.78
2	Parts: 5" SS STEP CLAMP	22.08	44.16
1	Parts: GASKET, 5" EXHAUST	26.84	26.84
1	Parts: 5" V-BAND CLAMP	32.64	32.64
1	Parts: DELO S-T XE 75W90 TRANS OIL - PAIL	390.88	390.88
46	Parts: 15W40 DURON HP BULK OIL	6.93	318.78
1	Parts: ISX OIL FILTER (price includes environmental fee)	90.00	90.00
1	Parts: ISX PAN GASKET	245.89	245.89
1	Parts: FLYWHEEL GRIND	100.00	100.00
1	Parts: INPUT SHAFT KIT	302.73	302.73
1	Parts: CROSS SHAFT	16.03	16.03
1	Parts: EXHAUST GASKET, 4"	29.34	29.34
8	Parts: 1/2x2-1/2 BOLT	0.70	5.60
1	Parts: CLAMP, V-BAND 4"	27.93	27.93
1	Parts: 4" ALUM STEP CLAMP	20.51	20.51
12	Parts: 1/2 NYLOCK	1.99	23.88
2	Parts: 1/2x1-3/4 BOLT	0.51	1.02
1	Parts: 5" GUILLOTINE CLAMP	9.19	9.19
24	Parts: 12MM-FLATWASHER	0.33	7.92
8	Parts: 1/2 FLATWASHER	0.60	4.80
2	Parts: 1/2X1-1/2 BOLT	0.46	0.92
2	Parts: REAR ENGINE MOUNTS	1,048.70	2,097.40

8	Parts: REAR ENGINE MOUNT BOLTS	36.14	289.12
1	Parts: 5" GASKET	26.51	26.51
1	Parts: 5" CLAMP	27.30	27.30
1	Parts: Gasket-Cover	3.25	3.25
1	Parts: floormats	0.00	0.00
2	Complaint: Inspection; Cause: Customer Request; Correction: Complete inspection and made list of repairs	164.50	329.00
1	Complaint: Replace Fitting on P/S 3rd Axle Air Bag; Cause: Fitting Leaking; Correction: Removed old fitting put thread tape on new fitting and screwed it in then hooked air lines up to it	164.50	164.50
1	Parts: 1/4 COMP UNION	7.41	7.41
1	Complaint: Air Leak on Cross-member behind Trans; Cause: Quick Connect Leaking; Correction: Removed old quick connect that was leaking and replaced it with screw in style ones	164.50	164.50
1	Parts: 3/8 X 1/4NPT TEE	6.10	6.10
0.50	Complaint: Replace Brake Pot Plug on D/S 4th Axle; Cause: Missing Plug; Correction: Installed new plug	164.50	82.25
1	Parts: BRAKE POT PLUG	4.71	4.71
0.50	Complaint: Re-phase Front Drive Shaft; Cause: Out of Phase; Correction: Cleaned off drive shaft yoke, removed yoke nut, removed yoke with yoke puller. Driveshaft yoke out of phase, remove nut, remove yoke, rotate yoke into phase, install new yoke nut.	164.50	82.25
1	Parts: DRIVESHAFT NUT	39.01	39.01
1	Parts: WASHER	7.34	7.34
1	Supplies	429.35	429.35
	PO #: 77841		
	SO: SO-16335; Unit: B7601; Unit Type: Tractor; VIN: 1NKDX4TX2FR972781; Year/Make/Model: 2015 Kenworth T8 Series; Chassis: 1,031,625 Kilometers; Engine: 41,423 Hours;		

I hereby authorize the above repair work to be done and hereby grant you and/or your employees' permission to operate the truck herein described for the purpose of testing.
I agree to the payment terms as discussed with management of Triple Threat Diesel Inc (TTD). I and/or my company is responsible for the entirety of all payments associated with the work done for us, by TTD.

I agree to the terms of TTD's. warranty policy.

Authorized by: _____

SUBTOTAL	11,849.58
GST @ 5%	592.53
TOTAL	12,442.11
BALANCE DUE	**CAD 12,442.11**

PVT Energy Group Inc.
93-721071 Range Road 53
County of Grande Prairie, AB, T8X 0N4
Phone: 780-830-0045
Fax: 780-830-5164

Equipment: B7601

Work Order #: 49791
Date: 10/15/24

Completed Date: 11/30/24

Year: 2015
Make: Kenworth
Model: T800
Odometer: 850,912
Hours: 33,354

Serial Number: 1NKDX4TX2FR972781

Labor

Category	Description	Mechanic	Quantity/Hours	Price/Rate	Amount
LABOUR INTERNAL (PVT ...		Bursey, Dakota	11.00	60.00	660.00
LABOUR INTERNAL (PVT ...		De Jager, Brodie	39.00	60.00	2,340.00

Parts

Description	Quantity/Hours	Price/Rate	Amount
5120858, BELT, GOLD LABEL POLY RIB	1.00	105.90	105.90
W34-1095-070, BOLT,FLANGE M16X2X70 10.9	4.00	6.46	25.84
M17495, REAR ENGINE MOUNT KENWORTH (11681TBG)	1.00	252.52	252.52
M17497, KENWORTH REAR ENGINE MOUNT (12447TBG)	1.00	229.00	229.00
SB200, CLUTCH BRAKE 2PC	1.00	.00	.00
K124-402-1, END, ROD 3/8" FEM LH	1.00	100.92	100.92
K124-402-2, END, ROD 3/8" FEM RH	1.00	106.18	106.18
SPFL6S, END, ROD 3/8" LH SHORT	1.00	16.07	16.07
FLYWHEEL RESURFACE, FLYWHEEL RESURFACE	1.00	100.00	100.00
12815, BUSHING, CROSS SHAFT TRANSMISSION	2.00	3.44	6.88
306VV, PILOT BEARING	1.00	44.13	44.13
9733, 5" STEP EXAUST CLAMP	2.00	32.32	64.64
K4148, SENSOR, SPEED TRANSMISSION	1.00	67.22	67.22
RTL018918B-PCAN, TRANSMISSION REMAN	1.00	4,199.99	4,199.99
108925-25AM, CLUTCH,15.5" 2050 TQ	1.00	1,151.20	1,151.20
15918, SPRING	4.00	2.00	8.00
GW20222, CLUTCH SHAFT	1.00	41.54	41.54
CS106C1498, SHAFT-CROSS, CLUTCH	1.00	11.73	11.73
CF105C137, FORK, CLUTCH RELEASE 14X1	1.00	32.62	32.62
4308226, GAKSET HOUSING	1.00	27.67	27.67
PT2000XCN011RA, BOTTOM MOUNT EIGHT BOLT AIR	1.00	1,195.72	1,195.72
1503-10, HOSE, #10 MEDIUM PRESSURE	15.00	11.71	175.65
4411-10, HOSE FITTINGS, FEMALE JIC #10	2.00	42.63	85.26
250-70-18X, STRAP KIT, SPL250	2.00	24.51	49.02
S-1794, ISOLATOR	2.00	186.06	372.12

1) Troubleshoot truck not moving when in gear
Disconnect trailer in yard, aired up truck, sniffed unit, all good. Cleaned up bay in shop, drug unit into shop and started removing transmission - Brodie(5)
Removed PTO and drive shafts, drained transmission oil removed transmission, clean shop. - DK(10)
Replaced flywheel - Dk(1)
Rebuilt clutch linkage assemblies and installed onto truck, installed bell housing, cross shafts and clutch onto transmission, swapped parts over, ran new air comp line from steel line to dryer. - Brodie(5)
Installed transmission, installed new pto and shimmed. Bolted up clutch, put drive line back in. Filled transmission up with oil. Tied up all wiring and hoses, installed new flex pipe. Filled truck up with coolant and pressure tested, no leaks. - Brodie(14)

PVT Energy Group Inc.
93-721071 Range Road 53
County of Grande Prairie, AB, T8X 0N4
Phone: 780-830-0045
Fax: 780-830-5164

2) BELT CRACKING

3) MOTOR MOUNTS WORN
Replaced motor mounts, bolts were seized, had to use come along to align motor mounts. - Brodie(10)

Total Labor	3,000.00
Total Parts	8,469.82
Total Returns	.00
Total Sublet	.00
Shop Supplies	150.00
Invoice Total	11,619.82

PVT Energy Group Inc.
93-721071 Range Road 53
County of Grande Prairie, AB, T8X 0N4
Phone: 780-830-0045
Fax: 780-830-5164

Equipment: B7601

Work Order #: 53740
Date: 05/09/25

Completed Date: 05/22/25

Year: 2015
Make: Kenworth
Model: T800
Odometer: 900,708
Hours: 36,337

Serial Number: 1NKDX4TX2FR972781

Parts

Description	Quantity/Hours	Price/Rate	Amount
PET185C, RADIATOR	1.00	795.00	795.00
N4171003, SHROUD-ASSY SERVICE	1.00	1,883.87	1,883.87
G3002, LAMP, MARKER RED 2"	1.00	8.57	8.57
G1033, LAMP, AMBER CLEARANCE MARKER LED	1.00	7.98	7.98
ABS919803, ABS SENSOR EXTENSION, STRIAGHT	1.00	17.60	17.60
SPL250-3X, U-JOINT KIT SPL250	1.00	241.07	241.07
FT95335, AIR TANK	1.00	158.15	158.15
131449K, KIT, YOKE AND NUT	1.00	477.39	477.39
577.A5341, ABS SENSOR KIT, 90DEG 1.8M	1.00	44.29	44.29
SB200, CLUTCH BRAKE 2PC	1.00	59.37	59.37
1710-INTERAXLE, 1710 SERIES INTERAXLE DRIVESHAFT	1.00	1,010.00	1,010.00

3rd party Mountain Spring Mechanical completed repairs

1) Radiator leaking coolant

2) Bad air leak when air leaks are applied

Total Labor	.00
Total Parts	4,703.29
Total Returns	.00
Total Sublet	.00
Shop Supplies	.00
Invoice Total	4,703.29

PVT Energy Group Inc.
93-721071 Range Road 53
County of Grande Prairie, AB, T8X 0N4
Phone: 780-830-0045
Fax: 780-830-5164

Equipment: B7601

Work Order #: 57947
Date: 11/13/25

Completed Date: 11/20/25

Year: 2015
Make: Kenworth
Model: T800
Odometer: 951,966
Hours: 38,256

Serial Number: 1NKDX4TX2FR972781

Labor

Category	Description	Mechanic	Quantity/Hours	Price/Rate	Amount
LABOUR INTERNAL (PVT ...		Sparrow, Mick	14.00	60.00	840.00
LABOUR INTERNAL (PVT ...		Ostrom, Carter	1.00	60.00	60.00

Parts

Description	Quantity/Hours	Price/Rate	Amount
H5L6B14SF20DILB, HYD PUMP	1.00	637.00	637.00
489XLAHXA3XK, PTO 489 SERIES	1.00	1,139.20	1,139.20
M593674, BATTERY BOX WASHER KENWORTH	1.00	8.35	8.35
HWC09341, WING BOLT, BATTERY BOX	1.00	23.49	23.49
PB10, BRACKET KIT PUMP SUPPORT	1.00	43.40	43.40
BSGA31S, BATTERY	4.00	99.95	399.80
HYDHD22BLK, RANDO HD 22 HYDRAULIC OIL	8.00	5.90	47.20
TRANSCHEVBLK, TRANSMISSION OIL	10.00	12.71	127.10

1) Defect: Oil leaking around hydraulic pump under truck.
Cause: pump failed
Correction: Hyd leak around pump. Run unit with pto engages to determine cause of leak. FOund pump to be faulty. Attempt to remove pump but would not separate from pto. Drain transmission and remove pto/hyd pump as one piece. Cleaned up tools/mess, completed paperwork. - Mick(4.5)
Assist with PTO remova. - Carter(.5)
Install new pto and set back lash(0.008), mount new hyd pump and connect lines. Fill transmission oil and top up hyd oil. Run unit and test hyd, working good, no leaks. Clean up parts/tools, completed paperwork. - Mick(7)

2) Load test batteries
Load tested batteries, all 4 failed. Replaced batteries with new. - Mick(2.5)

Total Labor	900.00
Total Parts	2,425.54
Total Returns	.00
Total Sublet	.00
Shop Supplies	45.00
Invoice Total	3,370.54

PVT Energy Group Inc.
93-721071 Range Road 53
County of Grande Prairie, AB, T8X 0N4
Phone: 780-830-0045
Fax: 780-830-5164

Equipment: B7601

Work Order #: 61417
Date: 03/27/26

Completed Date: 04/06/26

Year: 2015
Make: Kenworth
Model: T800

Serial Number: 1NKDX4TX2FR972781

Labor

Category	Description	Mechanic	Quantity/Hours	Price/Rate	Amount
LABOUR INTERNAL (PVT ...		Colley, Jason	4.50	60.00	270.00

Parts

Description	Quantity/Hours	Price/Rate	Amount
T&E-REBUILD, REBUILT T&EPUMP	1.00	4,495.48	4,495.48
G0094000, T&E GASKET	2.00	12.09	24.18
7700T-64, GASKET "T" 4" BUNA	1.00	30.80	30.80

1) T&E PUMP IS Pushing out the grease
Cause: Worn out seal and bushings
Correction: Replace worn out pump. Service coupler ujoints after inspacting them and function test pump and getting new one in place (good).

Total Labor	270.00
Total Parts	4,550.46
Total Returns	.00
Total Sublet	.00
Shop Supplies	13.50
Invoice Total	4,833.96

PVT Energy Group Inc.
93-721071 Range Road 53
County of Grande Prairie, AB, T8X 0N4
Phone: 780-830-0045
Fax: 780-830-5164

Equipment: B7601

Work Order #: 65125
Date: 09/09/26

Completed Date: 09/25/26

Year: 2015
Make: Kenworth
Model: T800
Odometer: 1,030,729
Hours: 41,422

Serial Number: 1NKDX4TX2FR972781

Labor

Category	Description	Mechanic	Quantity/Hours	Price/Rate	Amount
LABOUR INTERNAL (PVT ...	VQCP inspection	Colley, Jason	2.00	100.00	200.00
LABOUR INTERNAL (PVT ...	Quarter fender	Ostrom, Carter	2.00	100.00	200.00
LABOUR INTERNAL (PVT ...	Brass fittings	Ebiuwhe, Emman...	.50	100.00	50.00
LABOUR INTERNAL (PVT ...	Slack adjusters	Ebiuwhe, Emman...	.50	100.00	50.00
LABOUR INTERNAL (PVT ...	Removal S-cam u-bolts	Ebiuwhe, Emman...	1.00	100.00	100.00
LABOUR INTERNAL (PVT ...	Install S-cam u-bolts, protect ABS wires from rubbing	Ebiuwhe, Emman...	1.00	100.00	100.00

Parts

Description	Quantity/Hours	Price/Rate	Amount
11901, FITTING, 3/8NPT-3/8 A/B	5.00	6.27	31.35
B81-6018-003, SPRING, STEER AXLE (FRONT 18/20K)	1.00	1,703.22	1,703.22
48100511, KIT, SERVICE REPAIR V-BRKT SRK64	3.00	274.09	822.27
B65-1008, THREADED SPRING PIN	2.00	111.53	223.06
B13-1002, BUSHING-SPRING PIN	2.00	98.53	197.06
B65-6008, PIN-SPRING PIN	4.00	106.33	425.32
MK16949, SHOCK BRACKET STUD	1.00	40.50	40.50
AUBK8164122, U-BOLT KIT	2.00	58.00	116.00
MUC225R, 2-1/4" MUFFLER CLAMP	5.00	3.15	15.75
SB3030CC, 3030 Combo W/Clev	1.00	60.00	60.00
11904, 3/8 x 38/ FITTING	5.00	5.53	27.65

MS Mechanical PO#77516 and Atlas Inspection PO#77226

1) VK INSPECTION 3RD PARTY
Atlas Inspections PO#77226

2) VEHICLE QUALITY CONTROL PROGRAM. (Jason - 2HRS)
Cause: Routine inspection
Correction: Check over unit and made repair list.

3) COMPLAINT VALVE SWITCHES ONLY WORK IF KEY IS OFF

4) COMPLAINT VENT HOSE BAD

5) 2- 3" HOSES BAD

6) (Third Party) MS Mechanical PO#77516
Correction:
-Removed and replaced D/S leaf spring, with new U-Bolts and

PVT Energy Group Inc.
93-721071 Range Road 53
County of Grande Prairie, AB, T8X 0N4
Phone: 780-830-0045
Fax: 780-830-5164

torqued to manufacture specs.
-Replaced upper D/S spring pin/bushing.
-Removed and replaced all V-Rod bushings.
-Greased unit.

7) Complaint: D/S quarter fender busted
Cause: Unknown
Correction: Remove quarter fender and prepare for repair - (Carter 2 hrs)

8) Complaint: 3 broken brass fittings for service brake lines
Correction: Broken brass fitting and hoses were removed and prepared fro replacement - (EE .5 hrs)
Correction: Removed and replaced brass fittings for both A4 brake emergency
lines, and replaced both lines. - Leo MS Mechanical
Correction: Removed and replaced A2L brake pot, and one brass fitting. - Leo MS Mechanical

9) Complaint: Inspect slack adjusters for adjustment
Cause: Wear
Correction: Slack adjusters were inspected and all six wheels were adjusted to specification - (EE .5 hrs)

10) Complaint: Drive S-cam u-bolts loose, all except axle#2R
Cause: Wear & tear
Correction: Drive S-cam u-bolts were all removed and prepared for new u-bolt installation - (EE 1 hr)
Correction: Installed new S-cam u-bolts and ABS wires were shielded and prevented from rubbing metal surface - (EE 1 hr)

Total Labor	700.00
Total Parts	3,662.18
Total Returns	.00
Total Sublet	.00
Shop Supplies	35.00
Invoice Total	4,397.18

PVT Energy Group Inc.
93-721071 Range Road 53
County of Grande Prairie, AB, T8X 0N4
Phone: 780-830-0045
Fax: 780-830-5164

Equipment: B7601

Work Order #: 65903
Date: 10/10/26

Completed Date: 10/21/26

Year: 2015
Make: Kenworth
Model: T800
Odometer: 1,031,539
Hours: 41,457

Serial Number: 1NKDX4TX2FR972781

Labor

Category	Description	Mechanic	Quantity/Hours	Price/Rate	Amount
LABOUR INTERNAL (PVT ...	CECU diagnostics	Baldry, Nathan	1.00	100.00	100.00
LABOUR INTERNAL (PVT ...	Verify complaint, chassis node	Campbell, Angus	1.00	100.00	100.00
LABOUR INTERNAL (PVT ...	Remove replace, chassis node	Campbell, Angus	1.50	100.00	150.00
LABOUR INTERNAL (PVT ...	High beams	Campbell, Angus	1.50	100.00	150.00
LABOUR INTERNAL (PVT ...	CECU module, circuit repairs	Campbell, Angus	12.00	100.00	1,200.00
LABOUR INTERNAL (PVT ...	Lights wiring issues, repairs	Campbell, Angus	3.00	100.00	300.00
LABOUR INTERNAL (PVT ...	Replace batteries	Campbell, Angus	1.50	100.00	150.00
LABOUR INTERNAL (PVT ...	Water pump leak	Campbell, Angus	3.00	100.00	300.00
LABOUR INTERNAL (PVT ...	Mark lights out	Campbell, Angus	1.00	100.00	100.00
LABOUR INTERNAL (PVT ...	Trailer plug socket	Campbell, Angus	.50	100.00	50.00

Parts

Description	Quantity/Hours	Price/Rate	Amount
15-740, BOOT, 7 WAY SOCKET	1.00	2.48	2.48
5719759CUM, WATER PUMP	1.00	699.96	699.96
GA31S, BATTERY, 1200 CA SCREW POST	4.00	106.45	425.80
3684384, ORING SEAL	1.00	20.00	20.00
Q21-1076-2-100, CTRL CECU 3 CAB ELEC UN	1.00	5,570.86	5,570.86
Q21-1077-3-103, CONTROL, CHASSIS NODE TERM	1.00	3,100.97	3,100.97

1) high beams come on when hit brakes no signal lights head lights stay on when truck is off
Cause: Corroded plugs and sockets at the chassis node and the CECU module, a faulty signal switch, and broken grounds at the engine and the cab
Correction: Assist Angus with CECU diagnostics. (Nathan - 1.0hrs)
Correction: Verify complaint, check fuses and PDC under hood, check all wiring near and going to chassis node, remove connectors and inspect for corrosion, bent pins etc. Needs a chassis node - (Angus 1 hr)
Correction: Clean connectors, re-wrap wiring, install new chassis node. Lights now turn off, brake lights don't illuminate high beam but signals won't work, column switch works intermittently. Needs signal switch. Remove - (Angus 1.5 hrs)
Correction: Install new signal light switch. High beams work, signals work intermittently and switch left to right on their own - (Angus 1 hr)
Correction: Still having weird issues with lighting. Remove all node connectors, look up pin out, load test all powers, ignition and ground wiring, check resistance on J-can network, check resting voltage, found 2.3 low and 2.4v high, out of spec, possible short circuit in twisted pair to CECU module. Remove loom etc in frame rail and inspect wiring from node up to cab, check common plug points etc. No faults found. Wiggle test and check comm voltage, read 2.3v low and 2.5v high, different than before. Too much of a voltage difference. Inspect all cab and frame grounds, found broken ground at engine. Repair. Broken ground at cab. Repair - (Angus 12 hrs)
Correction: Disconnect Samsara to check for corruption in J-can line, go through dash wiring look for faults. Remove and check CECU module, found corroded plugs and sockets, needs CECU, pick up from Kenworth. Try to connect with ESA to back up parameters for programming, won't connect. Look direct to OBD plug, no connection, try other computers and programs, have Nathan assist, no luck. Look for and try USB link 2 adapter and it connects, backup old CECU and

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manually record all data. Reprogram new CECU to factory settings. Back-up failed, manually program all parameters and test. Assemble dash, wrap and tie up all wiring from cab to node - (Angus 3 hrs)

2) Complaint: Replace batteries
Cause: Worn out
Correction: Removed and replaced batteries, clean all lugs, restore hold downs, protect connections - (Angus 1.5 hrs)

3) Complaint: Water pump leak
Cause: Water pump leaking
Correction: Replace water pump, fill coolant, test for leaks - (Angus 3 hrs)

4) Complaint: 3 marker lights out
Cause: Wiring faults at the skirt lamps and a blown bulb in the mirror
Correction: Repair wiring for 1 LH and 1 RH skirt lamp. Replace bulb in RH mirror - (Angus 1 hr)

5) Complaint: Trailer plug socket shorted
Cause: Shorted connections
Correction: Remove trailer plug, trim and re-do connections, protect and install, test trailer light - (Angus .5 hr)

Total Labor	2,600.00
Total Parts	9,820.07
Total Returns	.00
Total Sublet	.00
Shop Supplies	130.00
Invoice Total	12,550.07