



**Denver**  
 10200 E. 106th Ave.  
 Brighton, CO 80601  
 303-286-7555

SALES ■ SERVICE ■ PARTS ■ RENTALS ■ FABRICATION

Invoice: **003W4829**  
 Date / Hour: 4/24/2023 4:42:53PM  
 Repair Order: 4829  
 Customer: 17869  
 Branch: Brighton  
 Total Invoice: \$ 2,581.57  
 \*\*\*COD\*\*\*

Page 1 of 3

**Bill To:**

**Ship To:**

Customer P/O: Add User: EFord Open Date: 04/03/2023 Completion Date: 04/06/2023  
 Salesperson:

**Unit Number: 5529 Model Year: 2007 Make/Model: Peterbilt 357**  
**Type: Chassis VIN: 1NPAL00XX7N675529 Meter: 142445 Miles**  
**ECM Reading: 25463**

Manufacturer: Altec  
 Model: AC38-127  
 Capacity: 76000 Lbs  
 Year: 2007  
 Serial Number: 0907EG0470

**Task: 1 11301 Diagnose Department: Service**

**Complaint:** Customer states that the unit is in A2B lockout. diagnose and advise on repairs needed

**Cause:** POC Aldo 3039132974  
 Called aldo on 4.14.23 no answer

**Correction:** Had to jump start truck.  
 waited for air to build up.  
 brought truck in front of bay to work on.  
 Upon inspection found the lmi cable had some obvious damage. appears to be catching on to the guide loop for cable. A groove has been worn into the loop from the cable rubbing on it over an extended period of time. Also found air hose leaking at firewall causing unit to not pressurize and PTO to not engage, causing the stop engine light. Will require repairing leaking air hose at firewall and splicing damaged LMI cable and retesting. This is not related to previous repair performed on angle sensor/potentiometer and LMI console. Estimate sent to customer. Cut damaged portion of LMI cable off and then reconnected to A2B switch. tested operation and unit is no longer in A2B lockout.

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
KIM	NBSW331	16-14 NYTREX WINDOW BUTT	EA	2.0	\$2.65	\$5.30
KIM	NCSW346	12-10 NYTREX WINDOW BUTT	EA	2.0	\$3.36	\$6.72
PET	PET 113B	CLEAR DIESEL	EA	5.0	\$5.98	\$29.90
	Env HC CO	Brighton Enviro Fee		1.0	\$214.40	\$214.40
	FRTa-BRI	Freight		1.0	\$3.52	\$3.52
<b>Task 1 Subtotals</b>						
				13.40	Parts:	\$41.92
					Labor:	\$2,144.00
					Miscellaneous:	\$217.92
					<b>Task 1 Subtotals</b>	<b>\$2,403.84</b>

**Task: 2 11301 Diagnose Department: Service**

**Complaint:** When tech went to operate unit he found a stop engine lamp. this needs to be fixed before we can run the truck to diag task 1  
 Connect CPU and diagnose check/stop engine code.

**Correction:** Assisted tech in hooking up and running diagnostics. When trying check codes, codes would continually clear when connecting scanner. Upon further diagnosis, found unit was not building air pressure properly. Found leaking hose at firewall. Will require repair.  
 Capped leaking air port off due to no hose going to it. unit no longer leaking air

Supp.	Part	Description / Ref Number	U/M	Quantity	Price	Extended Price
	DiagFee	Computer Diagnostic Fee		1.0	\$150.00	\$150.00
	Env HC CO	Brighton Enviro Fee		1.0	\$0.00	\$-

\*\* See Last Page for Invoice Total \*\*



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 Add User: EFord Salesperson:

FRTa-BRI	Freight	1.0	\$0.00	\$-
<b>Task 2 Subtotals</b>		Parts:		\$0.00
		Labor:		\$0.00
		Miscellaneous:		\$150.00
		<b>Task 2 Subtotals</b>		<b>\$150.00</b>

**Detail Tax Info:**

Adams County Sales Tax	\$1.46
CD/RTD Sales Tax	\$2.15
Colorado State Sales Tax	\$5.67
Commerce City Sales Tax	\$18.45
Sales Tax	\$0.00
<b>Total:</b>	<b>\$27.73</b>

13.40	<b>Total Parts:</b>	<b>\$41.92</b>
	<b>Total Labor:</b>	<b>\$2,144.00</b>
	<b>Total Miscellaneous:</b>	<b>\$367.92</b>
	<b>Invoice Subtotal:</b>	<b>\$2,553.84</b>
	<b>Total Tax:</b>	<b>\$27.73</b>
	<b>Total Invoice:</b>	<b>\$2,581.57</b>

Payment Method      Terms      Due Date  
 \*\*\*COD\*\*\*      COD      4/24/2023

**Remit To:**  
 CraneWorks - Brighton  
 100 S Paniplus Drive  
 Olathe, KS 66061



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Customer P/O:

Open Date: 04/03/2023

Completion Date: 04/06/2023

Add User: EFord

Salesperson:

Authorization - I hereby certify that I have the legal right to authorize repairs for the above listed equipment, either through legal ownership, lease rights, or written authorization from the vehicle's owner. I authorize Craneworks, Inc. to take the steps necessary to perform the repairs listed in this contract, including any necessary on-road vehicle testing or the operation of any attached equipment.

Estimate - Parts, freight, sublet items, labor hours, shop supplies, and taxes are estimates only and are subject to change. Freight is estimated for standard delivery. Expedited freight at the customer's request may incur additional charges. The above estimate is based on an initial inspection and industry experience. Additional repairs or parts may be required after the above work has begun. As the repair process changes, Craneworks, Inc. will require written authorization from the customer in order to continue repairs as the estimate dollar amounts change.

Deferred Repairs - Craneworks, Inc. may find the need for additional repairs not listed in this estimate. Those repairs will be brought to the customer's attention. If these repairs are declined by the customer, they will be listed under "deferred repairs" on the final customer invoice.

Payment - I agree to pay in full for the services described above upon successful completion of all listed repairs prior to picking up the vehicle or equipment from Craneworks, Inc. I agree to pay for all parts, labor, fees, taxes, and other charges incurred during the performance of any repairs authorized in writing. Craneworks, Inc. will provide an invoice upon completion of repairs detailing all fees and listing a final outstanding balance for payment. Payment must be made in full before the vehicle will be returned unless alternative payment arrangements and terms are made in advance with an authorized representative of the Craneworks, Inc. Service Department.

Non-OEM Parts - I acknowledge that any repairs using parts not made by the vehicle's manufacturer (commonly known as "aftermarket parts") may lead to the following:

Lease or Finance Violation: Some lease and finance contracts require the purchaser or lessee to make repairs using only original manufacturer parts ("OEM Parts"). Aftermarket parts used in repairs may violate these contracts.

Decrease in Value: Repairs made using aftermarket parts may lead to increased depreciation and lost vehicle and lost equipment value.

Manufacturer Warranty: Some manufacturers require that all repairs be made using only OEM parts. Use of aftermarket parts may void equipment warranties.

In recognition of the above risks, Craneworks, Inc. shall not use any parts for repairs unless those parts are approved for use by the customer. It is advised that the customer take the above risks into account when choosing parts for necessary repairs.

While the customer has the sole right to choose which parts are used for repairs to the listed vehicle, Craneworks, Inc reserves the right to exercise professional judgement and refuse to make repairs using parts which are deemed inadequate or unsafe.

Labor Warranty - Craneworks, Inc. shall provide a limited warranty covering the work performed under the terms of this equipment repair contract. This warranty shall last for a period of ninety (90) days from the completion of authorized repairs. During the warranty period, Craneworks, Inc. will, at its sole cost and expense, correct any defects in workmanship related to the repairs performed in relation to this contract. This warranty covers labor only and does not extend to any parts used for repairs.

Binding Contract - This contract shall be considered binding upon both parties and their assignees or successors, including subsequent title holders for the equipment being repaired.

Additional Services - No services outside of those described in this auto repair contract will be performed by Craneworks, Inc. without prior written approval from the customer.

Entire Agreement - This contract represents the entire legal agreement between Craneworks, Inc and the customer. No other promises or arrangements outside of this contract and subsequent repair authorizations shall be considered valid.

Penalty for Nonpayment - Craneworks, Inc. shall not be required to release the above listed vehicle until the customer has made full payment for all services approved in writing and performed by Craneworks, Inc. In the event that any repair services rendered are not paid for within 30 days of completion an additional charge of \$20.00 per day or highest allowable amount by law will be added to the total invoice amount.

Customer Approval - By signing below, the customer indicates approval of the services and rates listed in this repair contract. Likewise, they agree to the full terms of this contract without exception.

Customer Signature: \_\_\_\_\_