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FC-R-2016-39
CUMBERLAND FIRE DISTRICT

Resolution: Authorizing the payment of \$7,260.65 to RALCO EQUIPMENT COMPANAY for repairs to Truck Five.

Be it resolved by the Cumberland Fire District as follows:

WHEREAS: Engine Five went in for routine maintenance performed by RALCO EQUIPMENT.

WHEREAS: All work is listed on invoice included

WHEREAS: All work was completed to Chief Finlay's approval.

NOW, THEREFORE, BE IT RESOLVED BY THE CUMBERLAND FIRE DISTRICT AS FOLLOWS:

Section 1. The repair invoice payable to RALCO EQUIPMENT COMPANY for \$7,260.65 is approved for payment. Such payment to be charged to Account ~~1008.~~
6101

Date approved: August 23, 2016


Bruce A. Lemois, Chairman


Debra Auclair, Clerk

Amend line 18 to read 6101 and strike 1008

PASSED

YAY: 6 NAY: 0

On amended resolution

YAY: 6 NAY: 0



CUMBERLAND FIRE DEPARTMENT

3502 MENDON ROAD
CUMBERLAND, RI 02864

Kenneth A. Finlay
Chief of Department

Phone:(401) 658-0544
Fax:(401) 658-2198
Cell:(401) 474-0314
kfinlay@CumberlandFire.org

FC-R-2016-39 PAGE 2 OF 5

Board of Fire Commissioners
Town Hall
August 15, 2016

Honorable Board;

Attached please find the repair bill for necessary repairs to engine 5. The work was performed locally, at RALCO and has been returned to service. I am asking for approval to pay this invoice, line 6101, vehicle maintenance will be used as the funding source.

Respectfully,

Kenneth A. Finlay

Kenneth A. Finlay
Fire Chief

INVOICE

Vehicle Received: **08/08/2016**

Invoice Date: **08/08/2016**

Cumberland Fire Department - Chief Finlay
 3502 Mendon Road
 Cumberland, RI 02864
 Office : 401-658-0544 Cellular : 401-474-0314 Fin
 Cust ID : 934

2009 Pierce - Fire Truck Appartus - Detroit S60
 Lic # : 754 - RI Odometer In : 61397
 Unit # : E5
 VIN # : 4P1CV01H8 **9A009868**
 Hat # : 14900

Part Description / Number	Qty	Sale	Ext	Labor Description	Extended
Fuel Filtration O-Ring Screen Kit 29684493	1.00	14.72	14.72	Perform major preventative maintenance special.	n/c
Fuel Water Seperator PF7680	1.00	28.54	28.54	Change engine oil, oil filter(s), fuel filter(s). Check all engine fluid levels and add to fill. Check all gear case fluid levels. Check front end and all steering linkage. Check exhaust system. Check drive line and all u-joints. Check springs, air bags, and all suspension components. Check brake system and adjust. Check all exterior lights, lenses, and reflectors. Check function of over head cargo box door if equipped. Check battery condition and charging system. Lubricate complete unit. Perform complete service inspection.	
EX Life Coolant 238-8648	4.50	9.09	40.91		
OIL FILTER LF3620	2.00	25.62	51.24		
Coolant Filter WF2054	1.00	32.92	32.92	Perform brake job on drive axle, add drum replacement.	n/c
ENGINE OIL 15W40	46.00	7.32	336.72	ADD: Replace left and tight wheels seals during repairs. Jack up unit. Remove all wheels and tires. Back off brakes and remove drums. Remove brake shoes and hardware. Clean and inspect spider, s-cam shafts, seals, and brake chambers. Clean out all ABS sensors and adjust if equipped. Install new sets of premium brake shoes and linings. Install new spring roller hardware kits and lubricate pivot points. Install drums and secure. Install wheels and tires. Check and top off hub levels, clean vents. Adjust brakes and lubricate system. Remove from stands and test operation.	
AUTO. TRANS. FLUID 33123	4.00	9.23	36.92	ADD: Replace Brake drums during brake repairs.	
Power Lube 05006	1.00	7.58	7.58	ADD: Unit equipped with greasable anchor pins and unit frozen in spindle. Heat and remove as needed. Replace bushings an secure. Install new greasable anchor pin kit and lubricate as needed. Dress all areas.	
Washer Fluid WW118C	2.00	1.79	3.58	ADD: Replace left and right wheels seals due to leakage. Remove axle shafts and retainers. Remove bearing retainers. Pull off hubs. Remove wheel seals and inner bearings. Clean all areas and inspect bearings. Install inner bearing and new wheel seals.	
Seal Ring Gasket 12906783	1.00	8.77	8.77	Install hubs on axle and secure with outer bearing. Adjust to specs and replace lock rings and tab lock. Install axle shafts and new gaskets. Replace axle cones where needed and all axle shaft retainer hardware. All performed during brake repairs above.	
POWER STEERING FLUID 4611	2.00	8.33	16.66	Remove and replace steer axle disc brake pads, air caliper.	n/c
FLUIDS/GREASE CITMISC	1.00	22.95	22.95	Jack up unit and support. Remove wheels and tires. Remove air caliper adjuster and back off brake pads. Remove worn pads. Clean and dress rotors on unit. Compress caliper and disassemble and clean slides. Install new OEM brake pads set. Lubricate all areas. Install new hardware retainer kits. Reinstall wheels and tires and verify brake operation. Adjust as needed.	
Brake Clean C32	4.00	5.32	21.28	Adjust left side steer axle wheel bearing, replace hub cap.	n/c
Surf Cond Disc 7485	4.00	5.97	23.88	Left side steer axle hub cap cracked and unit has wheel bearing play. Remove hub cap and discard. Remove bearing retainers and adjust bearing to remove play. Install new lock and secure new hub cap and gasket. Replace hardware. Fill with fresh gear lube. Top off gear lube on right side and replace rubber hub cap plug.	
Prem HD Cast Steel Brake Shoe/Lining KSMA618T4728CP	4.00	326.04	1304.16	Remove and replace a/c drive belt and alternator drive belt.	n/c
HD Spring Bushing Brake Kit 08-12630	2.00	142.07	284.14	Found a/c drive belt and alternator belt excessively cracked. Remove first main belt for access to remove other belts. Remove	
Synthetic Slide Lubricant BK4	3.00	5.59	16.77		
Emery Cloth 05002	34.00	0.68	23.12		
Wheel Seal 310120A	2.00	126.46	252.92		
Silicone Sealer 81878	2.00	4.96	9.92		
Spindle Retainer Ring 610975	2.00	18.92	37.84		

Ralco Equipment Company, Inc
 51 Ralco Way/PO Box 35
 Cumberland, Rhode Island. 02864-0035
 Phone: 401-726-3095 Fax: 401-726-6950
 We do the job once and we do it right!

INVOICE
8902
 Org. Est. # 015508
 RI Inspect Station 155C
 ralcotruck45@verizon.net

INVOICE

Vehicle Received: **08/08/2016**

Invoice Date: **08/08/2016**

Cumberland Fire Department - Chief Finlay
 3502 Mendon Road
 Cumberland, RI 02864
 Office : 401-658-0544 Cellular : 401-474-0314 Fin
 Cust ID : 934

2009 Pierce - Fire Truck Appartus - Detroit S60
 Lic # : 754 - RI Odometer In : 61397
 Unit # : E5
 VIN # : 4P1CV01H8 9A009868
 Hat # : 14900

Part Description / Number	Qty	Sale	Ext	Labor Description	Extended
Spindle Lock Tab Ring 621216	2.00	12.67	25.34	fan belt tensioner assy for removal of other belts. Remove a/c belt. Replace with new unit. Lubricate tensioner and pulleys. Remove alternator fan belt. Lubricate tensioner. Install new drive belt and secure. Reinstall original main fan belt assy and tensioner. Lubricate and secure. Run unit and verify operation. Replace tensioner mounting hardware as needed. Re secure loose power steering pump, front left motor. n/c Power steering hydraulic pump held on with two bolts. Inner bolt loose and second outer bolt backed all the way out. Tighten inner bolt. Install silicone on outer bolt and reinstall. Secure and torque both retainers as needed. Run unit and verify operation. Labor Charge 2777.70 Environmental Fee 15.95	
Axle Flg Gasket 2435	2.00	11.58	23.16		
Metal Axle Cone 625-4	6.00	4.79	28.74		
Steel Lock Washer 8SLW58T	16.00	2.53	40.48		
Steel Hex Nut 8HN58F	16.00	3.09	49.44		
HD Bal Brake Drum 3807X	2.00	399.61	799.22		
SYN GEAR LUBE 31809	9.00	11.69	105.21		
Surf Cond Disc 7490	4.00	5.34	21.36		
Sand Paper 02175	4.00	2.29	9.16		
Brake Pad Set K109249	1.00	389.93	389.93		
Brake Pad MNT Kit H213763	1.00	49.78	49.78		
Roloc Wheel 09247	3.00	11.87	35.61		
Anti Seize Cmpd NSBT-1	1.00	4.80	4.80		
Spring Retainer Lock Yel 60629	1.00	24.63	24.63		
GASKET 330-3067	1.00	5.79	5.79		
Hub Cap 6 Hole 340-4009	1.00	39.42	39.42		
Rubber Seal Plug 320-1946	1.00	3.84	3.84		
Bolt Kit 8B516X75CK	6.00	1.27	7.62		
Drive Belt K080465	1.00	79.68	79.68		
Drive Belt K080575	1.00	86.91	86.91		
Stepper Ret Bolt Assy 209628RT	2.00	9.55	19.10		

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 Unit # : E5
 VIN # : 4P1CV01H8 **9A009868**
 Hat # : 14900

Part Description / Number	Qty	Sale	Ext	Labor Description	Extended
Litholpex Press Lube PS24968	1.00	8.73	8.73		
Thread Lock 242	1.00	4.68	4.68		
Retainer Bolt Kit 8B716X200CK	4.00	4.72	18.88		
Shop Supplies			9.95		

[Recommendations]

Oil leak, rear cylinder head. Recommend tranny service if it has never been performed. Exhasut tail pipe needs to be resecured and repaired.
 Steer tires have toe wear wearing outside first to inside. Recommend full alignment. Also recommend rotating tires on rim and tire balance.
 On spot chain mechanisms on rear axle excessively worn and in danger of hitting drive shaft u-joint/yoke on rear end.
 PTO drive shaft u-joint at PTO blown out and needs replacement.
 Steering linkage tie rod ends, inner steering box connecting rod need replacement due to wear. Steer axle shocks noisy and need replacement.
 Power steering pump gasket needs to be replaced on front of engine, leaking oil from front cover.

Org. Estimate 7,260.65 Revisions 0.00 Current Estimate 7,260.65

Labor:	2,777.70
Parts:	4,467.00
SubTotal:	7,244.70
HazMat:	15.95
Tax:	0.00
Total:	7,260.65
Bal Due:	\$7,260.65

[Payments -]

I hereby authorize the above repair work to be performed. I hereby grant you or your employees permission to operate the car or truck herein described on street, highways, etc for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above car or truck to secure the amount of repairs thereto. All sums shall become due and payable upon completion. All legal, attorney, and/or collection fees pursuant to this contract shall be paid to Ralco Equip Co by the undersigned

Signature _____ Date _____ Time _____