427 Long Block

427 Long Block Completed Items						
Completed Reme	Part Number	Vendor	Unit of Issue	Qty	Price	Total Cost
Block Machine Work						
Hot Tank and Inspect	N/A	R & R Speed and Machine	EA	1	\$125.00	\$125.00
Bore & Hone	N/A	R & R Speed and Machine	EA	1	\$240.00	\$240.00
Cam Bearings	N/A	R & R Speed and Machine	EA	1	\$25.00	\$25.00
Recondition Rods	N/A	R & R Speed and Machine	EA	1	\$125.00	\$125.00
Pistons on Rods	N/A N/A	R & R Speed and Machine	EA	1	\$40.00	\$40.00
Grind Crankshaft Bal Rotating Assy	N/A N/A	R & R Speed and Machine R & R Speed and Machine	EA EA	1	\$35.00 \$200.00	\$35.00 \$200.00
Valve Job	N/A	R & R Speed and Machine	EA	1	\$150.00	\$150.00
Resurface Head	N/A	R & R Speed and Machine	EA	1	\$75.00	\$75.00
Surface Flywheel	N/A	R & R Speed and Machine	EA	1	\$35.00	\$35.00
Freeze Plugs	N/A	R & R Speed and Machine	EA	1	\$25.00	\$25.00
Remove Broken Bolt	N/A	R & R Speed and Machine	EA	1	\$15.00	\$15.00
Long Block	N/A	R & R Speed and Machine	EA	1	\$500.00	\$500.00
-						
Total						\$1,590.00
Rotating Assy			Unit of Issue	Qty	Price	Total Cost
Pistons	L2300NF30	R & R Speed and Machine	SET	1	\$510.72	\$510.72
Piston Ring Set	E-233K030	R & R Speed and Machine	SET	1	\$44.95	\$44.95
Main Bearings	MS829P.001	R & R Speed and Machine	SET	1	\$53.99	\$53.99
Rod Bearings	CB743P.001	R & R Speed and Machine	SET	1	\$52.00	\$52.00
Rear Main Seal ARP Rod Bolts	FEL-2904 135-6002	R & R Speed and Machine	EA SET	1 1	\$24.99 \$66.95	\$24.99 \$66.95
Freeze Plugs	N/A	R & R Speed and Machine R & R Speed and Machine	SET	<u> </u>	\$15.00	\$15.00
Break In Lube	159	R & R Speed and Machine	EA	1	\$11.95	\$15.00
Oil Filter	N/A	R & R Speed and Machine	EA	1	\$6.95	\$6.95
On 1 litter	14// (	Transpect and Machine	L/\	•	ψ0.55	ψ0.55
Total						\$787.50
Total						<b>\$101.00</b>
Valve Train N+LS6S						
Comp Cams Kit	CCA-K11-671-4	R & R Speed and Machine	KIT	1	\$469.95	\$469.95
Rocker Arm Kit	1411-16	R & R Speed and Machine	SET	1	\$149.97	\$149.97
Polly Locks	4603-16	R & R Speed and Machine	SET	1	\$40.00	\$40.00
Push Rods 16	7154-16	R & R Speed and Machine	SET	1	\$105.97	\$105.97
Cam Bearings	SH616S	R & R Speed and Machine	SET	1	\$27.95	\$27.95
Intake Valves	F5008	R & R Speed and Machine	EA	8	\$14.06	\$112.48
Exhaust Valves	F5011	R & R Speed and Machine	EA	8	\$14.06	\$112.48
Teflon Seals	N/A	R & R Speed and Machine	EA	16	\$2.00	\$32.00
Head Gasket	FEL-1037	R & R Speed and Machine	EA	2	\$46.00	\$92.00
Total						¢4 442 90
Total						\$1,142.80
Oil Pan / Timing Cover						
Oil Pump Assy	MEL-M77	R & R Speed and Machine	EA	1	\$39.95	\$39.95
Oil Pump Screen	38-35B	Long Island Corvette Supply	EA	1	\$25.00	\$25.00
Oil Pan / Windage Tray	38-26D	Long Island Corvette Supply	EA	1	\$215.00	\$215.00
Oil Pan Bolts	38-22B	Long Island Corvette Supply	SET	1	\$16.50	\$16.50
Windage Tray Bolts	38-26M	Long Island Corvette Supply	SET	1	\$95.00	\$95.00
Timing Cover Bolts	38-23B	Long Island Corvette Supply	SET	1	\$7.50	\$7.50
Timing Cover	38-32C	Long Island Corvette Supply	EA	1	\$72.00	\$72.00
Harmonic Balancer	594-113	R & R Speed and Machine	EA	1	\$96.99	\$96.99
FelPro Oil Pan Gasket	FEL-1804	R & R Speed and Machine	EA	1	\$19.99	\$19.99
FelPro Timing Set Gasket	RS4226	R & R Speed and Machine	EA	1	\$6.99	\$6.99
Oil dip stick	38-24F	Long Island corvette Supply	EA	1	\$35.00	\$35.00
Oil dip stick tube Engine Mount Bolt Block	38-25C 38-03	Long Island corvette Supply	EA SET	<u>1</u> 1	\$15.00 \$7.50	\$15.00 \$7.50
Engine Mount Bolt Block Engine Mount Bolt Frame	38-04A	Long Island corvette Supply  Long Island corvette Supply	SET	<u>1</u> 1	\$4.00	\$4.00
Engine Mount bolt France	JU-U-1/1	Long Island Corvette Supply	OL I		φ4.00	φ4.υ∪
Total			+			\$656.42
			†			Ç000.72
Total					İ	\$4,176.72
						, , , , , , , , , , , , , , , , , , ,
Parts						
Heads						\$175.00
Crank						\$150.00
Block						\$300.00
Grand Total						\$4,801.72

427 engine Build Up

Completed Items	Ī						
Completed Rome	PN	Vendor	Unit of Issue	Qty	U/Price	Total Cost	
Intake	F000	Valuata an Oamastta	Ε.	40	<b>#4.50</b>	<b>CO 4.00</b>	
Intake Bolts Intake Gaskets, FEL-PRO	FC09 1211	Volunteer Corvette O'Riley Auto Parts	EA EA	<u>16</u> 1	\$1.50 \$20.99	\$24.00 \$20.99	
Permatex Ultra Copper	81878	O'Riley Auto Parts	EA	1	\$7.49	\$7.49	
Carb Studs	AC12A	Volunteer Corvette	SET	1	\$5.00	\$5.00	
Carb Rebuild Kit	37-1539	R & R Speed and Machine	KIT	1	\$105.00	\$105.00	
Fuel Pump with Adapter	22-31H	Long Island Corvette Supply	EA	1	\$89.00	\$89.00	
Fuel Pump Gasket, FEL-PR		O'Riley Auto Parts	EA	1	\$1.49	\$1.49	
Carb Heat Shield, Mr. Gaske		O'Riley Auto Parts	EA	11	\$29.99	\$29.99	
Fuel Line Air Cleaner	FU092 AC-35A	Volunteer Corvette Volunteer Corvette	EA EA	<u>1</u> 1	\$55.00 \$159.00	\$55.00 \$159.00	
Air Cleaner Cross Flags	DC009	Volunteer Corvette  Volunteer Corvette	EA	1	\$3.00	\$3.00	
Air Cleaner 450 HP	DC013A	Volunteer Corvette	EA	1	\$3.00	\$3.00	
Air Cleaner Stud	AC18	Volunteer Corvette	EA	1	\$4.00	\$4.00	
Air Cleaner Wingnut	AC13	Volunteer Corvette	EA	1	\$2.00	\$2.00	
Air Cleaner Gasket	AC19	Volunteer Corvette	EA	1	\$3.50	\$3.50	
PCV Hose	EN36L	Volunteer Corvette	EA	1	\$15.00	\$15.00	
PCV Hose	22-14C	LICS	EA	1	\$15.00	\$15.00	
PCV Gromlet LH Cover	EN37	Volunteer Corvette	EA	1	\$3.50	\$3.50	
PCV Hose Clamp	EN36	Volunteer Corvette	EA	2	\$1.00	\$2.00	
PCV Hose Clip Crankcase Elbow	EN33 AC30	Volunteer Corvette Volunteer Corvette	EA EA	<u>1</u> 1	\$12.00 \$19.00	\$12.00 \$19.00	
Crankcase Elbow Crankcase Hose	AC30 AC31	Volunteer Corvette  Volunteer Corvette	EA EA	<u>1</u> 1	\$19.00 \$4.50	\$19.00 \$4.50	
Crankcase Gromlet RH Cov		Volunteer Corvette	EA	1	\$4.00	\$4.00	
PCV Valve	EN36C	Volunteer Corvette	EA	1	\$7.00	\$7.00	
Coil Bracket	SY20	Volunteer Corvette	EA	1	\$19.00	\$19.00	
Coil Bracket Bolts	SY20C	Volunteer Corvette	PR	1	\$6.00	\$6.00	
Accelerator Spring Bracket	FU056	Volunteer Corvette	EA	1	\$7.00	\$7.00	
Accelerator Spring	FU059	Volunteer Corvette	EA	1	\$5.00	\$5.00	
Intake Vacuum Fitting (PB)	21-27A	Long Island Corvette Supply	EA	1	\$14.50	\$14.50	
Accelerator Lever	FU038H	Volunteer Corvette	EA	1 1	\$22.95	\$22.95	
Accelerator Lever Mounting Accelerator Rod	FU038D FU035	Volunteer Corvette Volunteer Corvette	EA EA	<u>1</u> 1	\$2.13 \$21.25	\$2.13 \$21.25	
Accelerator Rod Swivel Kit	FU048A	Volunteer Corvette	KIT	1	\$6.38	\$6.38	
Choke Rod	FU123	Volunteer Corvette	EA	1	\$7.00	\$7.00	
Choke Spring	FU134	Volunteer Corvette	EA	1	\$20.00	\$20.00	
Choke Spring Cover	FU136	Volunteer Corvette	EA	1	\$5.00	\$5.00	
Choke Spring Screw	FU134A	Volunteer Corvette	EA	1	\$1.00	\$1.00	
Distributor Hold Down Set	48-36	Long Island Corvette Supply	SET	1	\$10.00	\$10.00	
Total						\$741.67	
TOtal						\$741.07	
ALT / PS System							
Alt / PS Bracket Set	23-31	Long Island Corvette Supply	EA	1	\$144.00	\$144.00	
Alt / PS Bracket Bolt Set	23-32	Long Island Corvette Supply	EA	1	\$17.10	\$17.10	
Alt Pulley	23-02H	Long Island Corvette Supply	EA	1	\$35.10	\$35.10	
Alt Pulley Nut	PS11	Volunteer Corvette	EA	1	\$8.00	\$8.00	
Alternator PS Pulley	RAY 134013 23-27C	NAPA Auto Parts  Long Island Corvette Supply	EA EA	1	\$67.00 \$98.10	\$67.00 \$98.10	
PS Pulley Nut	PS50	Volunteer Corvette	EA	1	\$2.50	\$2.50	
PS Pump (ACDELCO)	35-516086	Rock Auto	EA	1	\$65.79	\$65.79	
PS Pump Reservoir	PSP-1CAN	Corvette Stainless Steel Brakes	EA	1	\$45.99	\$45.99	
PS Pump Reservoir O-Ring		Corvette Stainless Steel Brakes	EA	1	\$12.99	\$12.99	
PS Pump Bolt Set	23-26	Long Island Corvette Supply	EA	1	\$8.00	\$8.00	
PS Pump Cap	PS44C	Volunteer Corvette	EA	1	\$9.00	\$9.00	
WP to Crank V-Belt (Gates)	7350	O'Riley Auto Parts	EA	1	\$14.99	\$14.99	
PS to WP to Crank V-Belt (Catal)		O'Riley Auto Parts	EA	1	\$16.99	\$16.99	
ALT to PS V-Belt (Gates)	7315	O'Riley Auto Parts	EA	1	\$14.99	\$14.99	
Total						\$560.54	
Total						ψυσυ.υ-	
Cooling System							
Crank Pulley	24-28H	Long Island Corvette Supply	EA	1	\$211.50	\$211.50	
Crank Pulley Bolt Set	EN65A	Volunteer Corvette	SET	1	\$3.00	\$3.00	
Water Pump Pulley	24-27H	Long Island Corvette Supply	EA	1	\$129.50	\$129.50	
Water Pump	58-133	O'Riley Auto Parts	EA	1	\$34.99	\$34.99	
Water Pump Bolts	CL203B	Volunteer Corvette	SET	1	\$14.00	\$14.00 \$1.40	
Water Pump Gasket (FELPF		O'Riley Auto Parts	EΑ	2	\$1.25 \$390.00	\$1.49	
Core Support Core Support to Frame Bolt	CL103F	Volunteer Corvette Volunteer Corvette	EA SET	1 1	\$389.00 \$5.00	\$389.00 \$5.00	
Obie Support to Frame Bolt	10511	TVOIGHTEEL COLVETTE	OL I		φ5.00	φ5.00	

Core Support Shim	ICL103L	Volunteer Corvette	EA	10	\$0.75	\$7.50
Radiator	1239066M	Dewitts	EA	1	\$550.00	\$550.00
Radiator Upper Center Brack	25-1D	Long Island Corvette Supply	EA	1	\$20.00	\$20.00
Radiator Upper Center Brack	25-03B	Long Island Corvette Supply	SET	1	\$6.00	\$6.00
Radiator Upper Bracket Hard		Volunteer Corvette	SET	1	\$4.25	\$4.25
	CL008B	Volunteer Corvette	EA	1	\$15.00	\$15.00
Radiator Upper Bracket RH		Volunteer Corvette	EA	1	\$15.00	\$15.00
Radiator Mount Cushion	CL007	Volunteer Corvette	EA	4	\$3.40	\$13.60
Fan to WP Bolts	CL101L	Volunteer Corvette	SET	1	\$10.00	\$10.00
Fan to Clutch Nuts Fan Shroud	CL101K CL011	Volunteer Corvette Volunteer Corvette	SET EA	1	\$1.00 \$296.65	\$1.00 \$296.65
Fan Shroud Mount Bolts	25-13B	Long Island Corvette Supply	SET	2	\$5.00	\$10.00
Fan Shroud U-Nuts	CL013H	Volunteer Corvette	EA	4	\$1.00	\$4.00
Fan Shroud U-Nuts	25-13C	Long Island Corvette Supply	SET	1	\$2.00	\$2.00
Used Radiator	N/A	Corvette Forum	EA	1	\$125.00	\$125.00
Radiator Cap	CL033	Volunteer Corvette	EA	1	\$16.00	\$16.00
Upper Hose	CL045	Volunteer Corvette	EA	1	\$35.00	\$35.00
Lower Hose	CL057	Volunteer Corvette	EA	1	\$32.00	\$32.00
Over Flow Hose	25-09	Long Island Corvette Supply	EA	1	\$5.00	\$5.00
Over Flow Hose Straps	25-10	Long Island Corvette Supply	EA	1	\$2.50	\$2.50
Clamp Kit	CL072	Volunteer Corvette	KIT	1	\$14.45	\$14.45
Heater Hose Kit	HA05	Volunteer Corvette	KIT	1	\$38.25	\$38.25
Heater Hose Fitting Water P		Volunteer Corvette	EA	1	\$9.35	\$9.35
Heater Hose Fitting Intake	CL094	Volunteer Corvette	EA	1	\$5.95	\$5.95
Bypass Hose Thermostat	CL038 CL030K	Volunteer Corvette Volunteer Corvette	EA EA	1	\$9.50 \$11.00	\$9.50 \$11.00
Thermostat Housing	CL030K CL029	Volunteer Corvette  Volunteer Corvette	EA EA	1	\$11.00 \$55.00	\$11.00 \$55.00
Thermostat Housing Gasket		O'Riley Auto Parts	EA	2	\$1.99	\$3.98
Thermostat Housing Bolts	CL030R	Volunteer Corvette	SET	1	\$7.00	\$7.00
The module of the control of the con	0200011	Volumesi esi volis	02.		ψ1.00	ψ. 100
Total						\$2,113.46
Ignition System					•	•
Dist Wires	ELW75	Volunteer Corvette	SET	1	\$135.00	\$135.00
Spark Plugs (AC Delco)	R45XLS	NAPA	EA	8	\$2.29	\$18.32
Ignition Coil Distributor Cap	ECH IC12 ECH RR165	NAPA NAPA	EA EA	1	\$38.99	\$38.99
Distributor Cap  Distributor Rotor	ECH RR169R	NAPA	EA EA	1	\$17.49 \$8.29	\$17.49 \$8.29
Distributor Points	ECH CS786	NAPA	EA	1	\$25.49	\$25.49
Distributor Condenser	ECH RR1750	NAPA	EA	1	\$11.49	\$11.49
Dist Shielding Kit	SY01B	Volunteer Corvette	SET	1	\$215.00	\$215.00
Vacuum Advanve Line	FU069	Volunteer Corvette	EA	1	\$11.00	\$11.00
Vacuum Advanve Line Clip	FU062A	Volunteer Corvette	EA	1	\$4.00	\$4.00
Wire Loom RH Rear	SY15	Volunteer Corvette	EA	1	\$3.00	\$3.00
Wire Loom 2 Hole	SY16	Volunteer Corvette	EA	2	\$3.00	\$6.00
Wire Loom 4 Hole	SY17	Volunteer Corvette	EA	2	\$3.00	\$6.00
Wire Loom 4 Hole LH Rear	SY18	Volunteer Corvette	EA	1	\$3.00	\$3.00
Spark Plug Shields	SY19	Volunteer Corvette	SET	1	\$75.00	\$75.00
Spark Plug Shield Bolts	SY19A	Volunteer Corvette	SET	1	\$8.00	\$8.00
Total						\$586.07
iviai						φ300.01
Engine Covers						
Valve Cover	EN29A	Volunteer Corvette	PR	1	\$125.00	\$125.00
Valve Cover Gasket (FELPR		O'Riley Auto Parts	PR	1	\$9.99	\$9.99
Valve Cover Decal	DC032	Volunteer Corvette	EA	1	\$3.00	\$3.00
Valve Cover Bolt	FC06	Volunteer Corvette	EA	14	\$1.50	\$21.00
Valve Cover Reinforcements		Volunteer Corvette	EA	14	\$2.00	\$28.00
Oil Cap	EN11	Volunteer Corvette	EA	1	\$15.00	\$15.00
Oil Line 427	38-30B	Long Island Corvette Supply	EA	1	\$29.00	\$29.00
Oil Line Block Fitting	38-31C	Long Island Corvette Supply	EA	1	\$3.50	\$3.50
Total						\$234.49
Exhaust System						
Header Gasket (FELPRO	1412	O'Riley Auto Parts	EA	1	\$24.99	\$24.99
Header Bolts (Mr Gasket)	3409	O'Riley Auto Parts	EA	1	\$23.99	\$23.99
RH/LH Ext Manifold	EX17A_66-69	Volunteer Corvette	PR	1	\$539.00	\$539.00
Manifold Bolt Kit	EX33	Volunteer Corvette	SET	1	\$18.00	\$18.00
Manifold Bolt Washers	EX39	Volunteer Corvette	EA	16	\$1.25	\$20.00
Manifold Bolt Locks	EX27	Volunteer Corvette	SET	1	\$12.00	\$12.00
Stud Kit Side Exhaust, RH LH Alumir	EX13A MY5206	Volunteer Corvette Sweet Thunder	SET PR	1	\$26.00 \$550.00	\$26.00 \$550.00
Side Exhaust Mount	EX69	Volunteer Corvette	SET	1	\$47.50	\$47.50
C.G.S EXHAUST WOUTH		TOURNOUT CONTOUR	021		Ψ17.50	ψ11·.00
Total						\$1,261.48

Parts Total			\$5,497.71

## Corvette Big Block Pulleys & Brackets

	ZIP P/N	LICS	Years	GM P/N	Group #	Years	Remarks
AC System							
Adjusting Brace	AH-231		1966-1974	3887167	9.171	1966-1974	
Front Bracket	AH-227		1966-1974	3894362	9.171	1967-1974	
Compressor Rod, Upper	M-271		1966-1967	3034302	3.171	1307-1374	
Compressor Rod, Bracket	M-2260		1966-1967				
Compressor Rear Bracket	AH-228	+	1966-1974	3894364	9.171	1967-1974	
Compressor Rear Bracket	AI I-220		1900-1974	3094304	9.171	1907-1974	
ALT / PS System							
ALT Lower Bracket	M-2363		1965-1974	3946000	6.606	1965-1974	
ALT Lower Brace	M-2361		1965-1974	3878240	2.277	1966-1974	
ALT Upper Brace	M-278		1965-1969	3986109	2.277	1970-1974	
ALT Upper Bracket	M-2362		1965-1974	3878236	2.317	1966-1974	
ALT Pulley	M-2694	23-02H	1966-1971	3871242	2.274	1966-1974	
PS Pulley	SC-404	23-27C	1965-1974	3878245	6.655	1965-1974	
PS Bracket	M-2365	20 21 0	1965-1974	3946002	6.606	1965-1974	
Cooling System							
Crank Pulley	M-2754	24-28H	1965-1969E	3863108BF	0.659	1965-1967	Groove Ca
						1969	
						1971	
Water Pump Pulley	WP-106	24-27H	1966-1970	3906656	1.062	1966-1970	2 Groove
Water Pump	WP-102		1965-1970				
Exhaust System							
RH Ext Manifold	EX-367		1966-1974	3880828	3.601	1966-1974	.l.R. @ 197
LH Ext Manifold	EX-368		1966-1969	3880827	3.601	1966-1969	@ 191
LITEXT MATHOIC	LA-300		1900-1909	3000021	3.001	1900-1909	