

427 Long Block

Completed Items						
	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	R & R Speed and Machine	EA	1	\$40.00	\$40.00
Grind Crankshaft	N/A	R & R Speed and Machine	EA	1	\$35.00	\$35.00
Bal Rotating Assy	N/A	R & R Speed and Machine	EA	1	\$200.00	\$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	FEL-2904	R & R Speed and Machine	EA	1	\$24.99	\$24.99
ARP Rod Bolts	135-6002	R & R Speed and Machine	SET	1	\$66.95	\$66.95
Freeze Plugs	N/A	R & R Speed and Machine	SET	1	\$15.00	\$15.00
Break In Lube	159	R & R Speed and Machine	EA	1	\$11.95	\$11.95
Oil Filter	N/A	R & R Speed and Machine	EA	1	\$6.95	\$6.95
Total						\$787.50
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						\$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	38-25C	Long Island corvette Supply	EA	1	\$15.00	\$15.00
Engine Mount Bolt Block	38-03	Long Island corvette Supply	SET	1	\$7.50	\$7.50
Engine Mount Bolt Frame	38-04A	Long Island corvette Supply	SET	1	\$4.00	\$4.00
Total						\$656.42
Total						\$4,176.72
Parts						
Heads						\$175.00
Crank						\$150.00
Block						\$300.00
Grand Total						\$4,801.72

427 engine Build Up

Completed Items						
	PN	Vendor	Unit of Issue	Qty	U/Price	Total Cost
Intake						
Intake Bolts	FC09	Volunteer Corvette	EA	16	\$1.50	\$24.00
Intake Gaskets, FEL-PRO	1211	O'Riley Auto Parts	EA	1	\$20.99	\$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-PRO	6579	O'Riley Auto Parts	EA	1	\$1.49	\$1.49
Carb Heat Shield, Mr. Gasket	3710	O'Riley Auto Parts	EA	1	\$29.99	\$29.99
Fuel Line	FU092	Volunteer Corvette	EA	1	\$55.00	\$55.00
Air Cleaner	AC-35A	Volunteer Corvette	EA	1	\$159.00	\$159.00
Air Cleaner Cross Flags	DC009	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	EN33	Volunteer Corvette	EA	1	\$12.00	\$12.00
Crankcase Elbow	AC30	Volunteer Corvette	EA	1	\$19.00	\$19.00
Crankcase Hose	AC31	Volunteer Corvette	EA	1	\$4.50	\$4.50
Crankcase Gromlet RH Cover	AC32	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	\$22.95	\$22.95
Accelerator Lever Mounting	FU038D	Volunteer Corvette	EA	1	\$2.13	\$2.13
Accelerator Rod	FU035	Volunteer Corvette	EA	1	\$21.25	\$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
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	RAY 134013	NAPA Auto Parts	EA	1	\$67.00	\$67.00
PS Pulley	23-27C	Long Island Corvette Supply	EA	1	\$98.10	\$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	PSP-KITA	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 (Gates)	7450	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
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
Water Pump Gasket (FELPRO)	30060	O'Riley Auto Parts	EA	2	\$1.25	\$1.49
Core Support	CL103F	Volunteer Corvette	EA	1	\$389.00	\$389.00
Core Support to Frame Bolt	CL103H	Volunteer Corvette	SET	1	\$5.00	\$5.00

