	Longblock (with DP providing a replacement block)		Original A block Price each	Amount		New Burtz kit	
1	Deck block	Machining	$ 75.00	$75.00		$0.00	
1	Engine Block line bored for inserts	Machining	$ 140.00	$140.00		$0.00	
1	Cut thrust with line bore	Machining	$ 75.00	$75.00		$0.00	
6	Supply and install main bearing cap dowels	Machining	$ 10.00	$60.00		$0.00	
1	Grind main and rod journals of your crankshaft	Machining	$ 140.00	$140.00		$0.00	
4	Bore & hone cylinders	Machining	$ 30.00	$120.00		$0.00	
4	Install hardened seats with valve job	Machining	$ 15.00	$60.00		$0.00	
4	Cut in oversize valve seats	Machining	$ 12.00	$48.00		$0.00	
8	Install replaceable one pc guides	Machining	$ 5.00	$40.00		$0.00	
1	Head (Caustic clean, bead blast, Magnaflux & surface)	Machining	$ 120.00	$120.00		$120.00	
0	Install Helicoil thread insert	Machining	$ 20.00	$0.00		$0.00	
		Subtotal on machining			$878.00		$120.00
1	Cost of replacement block	Parts	$ 300.00	$300.00		$3,950.00	
4	Hardened seats	Parts	$ 5.00	$20.00		$0.00	
1	Tappets (adjustable)	Parts	$ 112.00	$112.00		$112.00	
1	Camshaft - Regrind Touring (Includes shipping)	Parts	$ 125.00	$125.00		$125.00	
1	Timing gear Laminated (The strong one!)	Parts	$ 76.95	$76.95		$76.95	
1	Modern valves with 1.7" intakes, one piece guides (set)	Parts	$ 115.00	$115.00		$105.00	
1	Oil pump drive gear (oversize)	Parts	$ 28.95	$28.95		$28.95	
1	Oil pump drive gear bearing spring	Parts	$ 1.65	$1.65		$1.65	
1	Oil pump housing hole plug	Parts	$ 0.60	$0.60		$0.00	
1	Re-built oil pump (exchange)	Parts	$ 75.00	$75.00		$75.00	
1	Valve chamber bolt set (black oxide)	Parts	$ 2.75	$2.75		$2.75	
1	Oil return pipe bolts & washer set (black oxide)	Parts	$ 1.50	$1.50		$1.50	
1	Crankshaft gear & key	Parts	$ 22.95	$22.95		$22.95	
1	Main insert bearings	Parts	$ 95.00	$95.00		$44.00	
1	Half circle thrust washers (3 pc's)	Parts	$ 30.00	$30.00		$0.00	
1	Pistons Model A style	Parts	$ 95.00	$95.00		$95.00	
1	Rings	Parts	$ 47.95	$47.95		$47.95	
1	New Insert rods with bearings for Model A Pistons	Parts	$ 550.00	$550.00		$27.00	
1	3/8" oil drain tube	Parts	$ 3.00	$3.00		$0.00	
1	Front pulley	Parts	$ 23.95	$23.95		$23.95	
1	Ratchet Nut (New)	Parts	$ 12.75	$12.75		$12.75	
1	Side timing gear cover bolt set (black oxide)	Parts	$ 4.75	$4.75		$4.75	
1	Front timing gear cover bolt set (black oxide)	Parts	$ 6.95	$6.95		$6.95	
1	Camshaft thrust plunger & spring	Parts	$ 3.95	$3.95		$3.95	
1	Pan gasket set	Parts	$ 6.95	$6.95		$6.95	
1	Pan bolt set	Parts	$ 2.75	$2.75		$2.75	
1	Magnetic Oil drain plug with fiber gasket	Parts	$ 4.50	$4.50		$4.50	
1	Cylinder head studs with nuts	Parts	$ 26.75	$26.75		$26.75	
1	Copper head gasket	Parts	$ 28.00	$28.00		$28.00	
1	Oil Filler Tube	Parts	$ 14.95	$14.95		$14.95	
1	Oil Cap	Parts	$ 3.75	$3.75		$3.75	
1	Flywheel Housing to Block Bolt Set	Parts	$ 3.40	$3.40		$3.40	
1	Flywheel Bolt Set	Parts	$ 12.95	$12.95		$12.95	
			Subtotal on parts	$1,859.65		$4,872.05	
			MN Sales tax on parts	$ 113.07		$ 353.22	
			Total Parts & supplies	$1,972.72	$1,972.72	$5,225.27	$5,225.27
1	Tear-down labor, catalog parts (longblock)	Labor	$ 180.00	$180.00		$140.00	
1	Prep block for inserts	Labor	$ 35.00	$35.00		$0.00	
1	Clean engine parts, bead blast and paint (longblock)	Labor	$ 175.00	$175.00		$125.00	
1	Clean oil passage in rear cap and install 3/8" oil tube	Labor	$ 30.00	$30.00		$0.00	
1	Longblock assembly labor	Labor	$ 350.00	$350.00		$350.00	
1	Set in stand & break-in with dyno 3+ hours Torque 3x	Labor	$ 250.00	$250.00		$250.00	
	Labor total			Labor total	$1,020.00		$865.00
	Engine re-build costs				**$3,870.72**		**$6,210.27**
					Additional cost for Burtz		$2,339.55

What you get in the Burtz block you do not get in a rebuilt original A block

- Integral pressure oiling to mains, rods and camshaft journals
- 2" journal diameters at mains and rods
- Five main bearings instead of three
- An equal counterweight on each side of each rod journal
- A positive rear main oil seal
- New crankshaft instead of a 90 plus year old crankshaft
- New cast iron block instead of a well used block
- Stronger rods