



Hammer Performance

355 McGhee Road
Sandpoint, ID. 83864

Phone # (208)696-1250 <http://www.hammerperf.com>

Estimate

Date	Estimate #
7/19/2017	6201

Name / Address

				Project
Item	Description	Qty	Rate	Total
	1986-1987 XL883 120+hp 1275 Conversion, sans air cleaner and exhaust			
XL/Buell 1275 Ki...	Silver 3.596 Cylinder, 86-03	2	93.95	187.90T
3.596 Silver 86-...	HP 3600 XL30D5 3.600 30 Degree .500 Dome Piston	2	179.975	359.95T
HP 3600 XL30D5	Cometic 1986-90 Top End Gasket Kit, .030 3.600 Head/.020 Base	1	102.10	102.10T
C9907-3750	Hone cylinder and fit piston (each)	2	45.00	90.00T
Cylinder Honing	XL/Buell 1275 kit, Silver, 86-03 The above engine kit has silver small fin cylinders included (correct fin style for 86-03-up bikes). The cylinders are also available in black or black with highlighted fins, same price. The above also includes the optional upgrade to a Cometic EST full top end gasket set, which is recommended. Without this upgrade, the kit comes with head and base gaskets only and sells for \$699.95			739.95
Ring Gap and Pi...	Gap Rings and Assemble into Pistons This is our optional preassembly service. We precision gap your rings using our high-end gapping machine which does a perfect job every time, and then we assemble the pistons and rings into the cylinders and ship them in sealed plastic bags, ready for installation. This service greatly simplifies installation and eliminates the need for any special tools on your end.	1	40.00	40.00T
			Subtotal	
			Sales Tax (0.0%)	
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BFH Head Servi...				
F0078	2.020 intake 7MM 4.400 SG	2	50.00	100.00T
F0077	1.630 Exhaust 7MM 4.440 SG	2	50.00	100.00T
VG6601	7 MM +.001 Intake Valve Guide	2	13.00	26.00T
VG6701	7 MM +.001 Exhaust Valve Guide	2	13.00	26.00T
V7MM-100	7MM Valve Guide Seal, for larger springs and lower collar, pack of 100	0.04	250.00	10.00T
Sledge Head Po...	7MM Sledge Head Porting	1	756.00	756.00T
Alter Valve Angles	Alter valve angles on XL heads	1	180.00	180.00T
Welding Intake ...	Weld Intake Port Floors (pair)	1	75.00	75.00T
Hand Form Floors	Hand Form Intake Port Floors (pair)	1	125.00	125.00T
	BFH Head Porting Service 7mm			1,398.00
	As part of the BFH porting service, we set up the valves to work properly with the cams below, and we also size your chambers to work with the pistons in the above 1275 kit.			
7MM Spring Kit ...				
7256-16	Conical Valve Springs, 1.060x.660 top, 1.390x.990 bottom, 184lbs@1.850, 1.160 coil bind, set of 16	0.25	336.00	84.00T
E12028	7MM Titanium Retainer	4	20.00	80.00T
K10090	7MM Locks Single Groove (2 each)	4	4.25	17.00T
LSC6000-4	AV&V Seat Locator, Beehive Spring - pack of 4	1	17.00	17.00T
	Striker Performance 7MM Valve Spring Kit 600 Lift Single Groove Locks			198.00
	This conical spring pack represents the latest in high performance spring development. The valvetrain is stable to at least 8000rpm.			
33-5125	S&S 600 Cam Set, 1986-90 XL	1	384.25	384.25T

Subtotal

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C9311F1	Cometic Cam Cover gasket 86-90 XL	1	13.00	13.00T
HPFLXL 10.333...	XL Intake Pushrod 10.333x.065x3/8 (-.020)	2	14.875	29.75T
HPFLXL 10.400...	XL Exhaust Pushrod 10.400x.065x3/8 (-.020)	2	14.875	29.75T
	Corrections to the valvetrain geometry that we'll make as a part of setting up your heads for the cams above, in combination with the thinner gaskets used to create a tighter squish clearance, create the need for somewhat shorter pushrods. These are high quality .065" wall heat treated chrome moly pushrods with Mae West ends. You cannot buy a finer pushrod.			
900-4098A	S&S 1.725 ratio Roller Rocker Arms, set of 4	1	534.95	534.95T
90-4036	Rocker Shaft Set Roller rockers are normally used at this valve lift to reduce side loading on the valve. We also use high ratio rockers to get more lift without creating additional cam box clearance issues. Rocker shafts are recommended because they are a high wear item.	1	33.95	33.95T
SPX-9	Energy One Extra Plate Clutch Kit, 1984 - 1990 Sportster	1	135.50	135.50T
DS-223743	Clutch Spring, 20% stronger, Barnett, 86-90 XL	1	25.95	25.95T
DS-199221	Clutch Spring Compression Tool, 86-90 XL	1	56.95	56.95T
C9210	Cometic Primary Gasket, Seal, and O-Ring Kit, 86-90 XL	1	39.31	39.31T
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48-2X	Mikuni 48mm Carburetor, Standard Finish	1	459.95	459.95T
HS42/001-k	Mikuni to CV carb air box adapter	1	21.95	21.95T
HPXL4803C ASWXL 4803C	Billet Intake Manifold, HSR48, 88-06 XL, for Carb type heads	1	144.78	144.78T
48 Billet Manifold...	48 Billet manifold Finishing	1	37.72	37.72T
29539-99Y	48 MM Manifold Seal Ring	1	12.50	12.50T
	Billet Intake Manifold, HSR48, 88-06 XL, for Carb type heads			195.00
2101-0027	Dyna 2000I PC Programmable Ignition Module	1	265.95	265.95T
2102-0226	Single Fire Coil, Drag Specialties, 2.4 ohm	1	85.95	85.95T
372-029	12 MM Spark Plug Index Washers	1	17.99	17.99T
IXU24	IXU24 Denso Iridium Spark Plug, Cold	2	10.95	21.90T
80312	Red Line Assembly Lube, 4 OZ	1	9.95	9.95T
Shipping and Ha...	Box 1, engine kit and parts, Shipping and Handling with insurance		0.00	0.00T
Shipping and Ha...	Box 2, heads, Shipping and Handling with insurance		0.00	0.00T
			Subtotal	\$4,737.95
			Sales Tax (0.0%)	\$0.00
			Total	\$4,737.95