

# Hammer Performance

355 McGhee Road  
Sandpoint, ID. 83864

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

# Estimate

Date	Estimate #
5/3/2024	13034

Name / Address

Project

Item	Description	Qty	Rate	Total
	1988-1990 XL883 100+hp 1275 Conversion, sans air cleaner and exhaust			
XL/Buell 1275 Ki...				
3.596 Silver 86-...	Silver 3.596 Cylinder, 86-03	2	153.155	306.31T
HP 3600 30DD6...	HP 3600 30DD61FS 3.600 30 Degree 10.5-1 Piston With Reverse Dome, 61 CC Chamber, Full Skirt, Thermal Barrier Coating	2	199.975	399.95T
C9907-3625	Cometic 1986-90 Top End Gasket Kit, .030 3.625 Head/.020 Base	1	113.74	113.74T
Cylinder Honing	Hone cylinder (each)	2	45.00	90.00
	XL/Buell 1275 kit, Silver, 86-03			910.00
	The above engine kit has silver small fin cylinders included (correct fin style for 86-03 bikes). The cylinders are also available in straight black (same price) or black with highlighted fins (\$50 additional). 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 \$850			
Ring Gap and Pi...	Gap Rings and Assemble Pistons and Rings into Cylinders (pair)	1	50.00	50.00

<b>Subtotal</b>		
<b>Sales Tax (0.0%)</b>		
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	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.			
Smash Head Se...				
Head Porting 7MM	7MM Head Porting Service	1	629.55	629.55T
F0300M1770	1.770 Intake 7MM 4.520 TG Conversion	2	30.00	60.00T
F0302M1530	1.530 Exhaust 7MM 4.610 TG Conversion	2	30.00	60.00T
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
	Smash Head Porting Service 7MM			811.55
	As part of the SMASH porting service, we set up the valves to work properly with the cams below, and we also size your chambers to work with the 30 degree pistons in the above 1250 kit.			
VSK6500S-7SG	Beehive Valve Spring Kit, 7MM Valves, 650 Lift, With Locks, Lower Collars, and Retainers This is the premium spring pack for the SMASH head service which can handle up to .650 lift and is safe to 7500+rpm.	1	138.45	138.45T
Angled Squish B...	Cut Angled Squish Band (each)	2	0.00	0.00T

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	This service makes the chambers match the 30 degree pistons in the engine kit. We throw this in for free when someone buys an engine kit and head work together.			
898550	XL 560 lift Impact Hammer Performance Cam Set, 86-90	1	495.00	495.00T
2011-1501	Cometic Cam Cover gasket 86-90 XL, pkg of 5 (C9311F5)	0.2	89.75	17.95T
HP45PG	Bronze Oil Pump Gear, Sportster/Buell	1	128.99	128.99T
Grindlock-9199	Pinion Gear Locking Tool, 1988-1999 XL, With Mounting Bolts	1	50.00	50.00T
	XL's use a steel oil pump drive gear that becomes failure prone at higher power levels, and when it fails, it's really ugly. This was an especially bad problem with Buells due to their higher power levels, and HD finally came out with this bronze drive gear in 2006 to solve the problem, but they never put it in XL's. It's a nice upgrade when hopping up an XL, especially if you're in the cam box for a cam swap anyway, and it's cheap insurance against a catastrophic failure. The locking tool listed is necessary for proper installation.			
HPFLXL 10.300...	XL Intake Pushrod 10.300x.065x3/8 (-.053)	2	14.875	29.75T
HPFLXL 10.373...	XL Exhaust Pushrod 10.373x.065x3/8 (-.047)	2	14.875	29.75T

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	Corrections to the valvetrain geometry that we'll make as a part of setting up your heads for the cams, 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.			
2101-0027	Dyna 2000i PC Programmable Ignition Module This ignition module will let you select an appropriate ignition curve for your bike. Static time it per the instructions, set it on curve 4, and it'll be perfect.	1	264.43	264.43T
TM45-2	Mikuni HSR 45 mm Carburetor	1	438.95	438.95T
34-0834	Mikuni to CV carb air box adapter	1	33.71	33.71T
HPXL4503C NMXL 4503C	Billet Intake Manifold, HSR45/CV44, 88-06 XL, for Carb type heads	1	187.38	187.38T
42/45 Billet Mani...	42/45 Billet Manifold Finishing	1	22.22	22.22
DS173538	45MM/44MM Manifold Seal Ring	1	10.40	10.40T
	Billet Intake Manifold, HSR45/CV44, 88-06 XL, for Carb type heads			220.00
27794-08	10R12X Spark Plug	2	6.95	13.90T
80312	Red Line Assembly Lube, 4 OZ	1	13.95	13.95T

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Item	Description	Qty	Rate	Total
Shipping and Ha...	Shipping and Handling TBD		0.00	0.00T

This estimate represents a proposal by HAMMER PERFORMANCE. Please verify all items are correct before proceeding with your order.	<b>Subtotal</b>	\$3,646.38
	<b>Sales Tax (0.0%)</b>	\$0.00
	<b>Total</b>	\$3,646.38