

# Hammer Performance

355 McGhee Road  
Sandpoint, ID. 83864

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

# Estimate

Date	Estimate #
2/26/2017	5704

Name / Address

			Project
Description	Qty	Rate	Total
1998-2003 XL883 80+hp 1275 Conversion, sans air cleaner and exhaust			
Silver 3.596 Cylinder, 86-03	2	93.95	187.90T
HP 3600 30DD61 3.600 30 Degree 10.5-1 Piston With Reverse Dome, 61 CC Chamber	2	154.975	309.95T
Cometic 91-03 Top End Gasket Kit .030 3.625 Head Gasket	1	102.10	102.10T
Hone cylinder and fit piston (each)	2	45.00	90.00T
XL/Buell 1275 kit, Silver, 86-03 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 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 \$649.95			689.95
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
Competition Valve Job (per head, does not include guides or seals)	2	100.00	200.00T
5/16 +.001 Intake Valve Guide	2	13.00	26.00T
		<b>Subtotal</b>	
		<b>Sales Tax (0.0%)</b>	
		<b>Total</b>	

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5/16 +.001 Exhaust Valve Guide	2	13.00	26.00T
5/16 Valve Guide Seal, Viton, pack of 100	0.04	200.00	8.00T
<p>The Competition Valve Job is essentially half a porting job when done on 883 heads, and it goes right to the heart of the big big problem with 883 heads which is how the big bowls neck down to small valves sitting on poorly blended seats. So the heads REALLY respond well to this service. As part of the service, we'll size your chambers for 10.5:1 compression with the pistons in the 1275 kit.</p>			
Cut Angled Squish Band (each)	2	0.00	0.00T
<p>This is the machining operation that makes the chambers match the trick 30 degree reverse dome pistons in the above engine kit. We throw this in for free when someone buys both an engine kit and head work.</p>			
Andrews N4 Cam Set, 00-12 XL, 00-02 Buell	1	350.95	350.95T
<p>This is the best bolt-in cam set for this generation of bikes. Note that 98-99 bikes use a different version of these cams. They're the same price however. We'll include the correct set based on the year of your bike.</p>			
Bronze Oil Pump Gear, Sportster/Buell	1	98.00	98.00T
Pinion Gear Locking Tool, 2000- Later XL, With Mounting Bolts	1	50.00	50.00T
		<b>Subtotal</b>	
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<p>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.</p> <p>The locking tool listed is necessary for proper installation. Note that 98-99 bikes use a different version of this tool. It's the same price however. We'll include the correct version based on the year of your bike.</p>			
Cyco sportster cam cover gasket This high quality gasket is rubber-coated steel construction	1	5.50	5.50T
91-03 XL Intake Pushrod 10.696x.065x3/8 (-.050)	2	14.875	29.75T
91-03 XL Exhaust Pushrod 10.750x.065x3/8 (-.050)	2	14.875	29.75T
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	265.95	265.95T
45 Pilot CV/ Keihin Carb.	1	3.95	3.95T
185 CV Main Jet	1	3.95	3.95T
IXU24 Denso Iridium Spark Plug, Cold	2	10.95	21.90T
Red Line Assembly Lube, 4 OZ	1	9.95	9.95T
<b>Subtotal</b>			
<b>Sales Tax (0.0%)</b>			
<b>Total</b>			

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Box 1, engine kit and parts, Shipping and Handling with insurance		0.00	0.00T
Box 2, heads, Shipping and Handling with insurance We'll add the actual ship charges above based on your location		0.00	0.00T
		<b>Subtotal</b>	\$1,859.60
		<b>Sales Tax (0.0%)</b>	\$0.00
		<b>Total</b>	\$1,859.60