



# Hammer Performance

355 McGhee Road  
Sandpoint, ID. 83864

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

# Estimate

Date	Estimate #
7/19/2017	6219

Name / Address

				Project
Item	Description	Qty	Rate	Total
	2014+ XL883 120+hp 1275 Conversion, sans exhaust			
XL/Buell 1275 Ki...	Black 3.596 Cylinder, 04 Later	2	143.95	287.90T
3.596 Black 04 ...	HP 3600 XL30D5 3.600 30 Degree .500 Dome Piston	2	179.975	359.95T
HP 3600 XL30D5	Cometic 07-up top end gasket kit with .030 3.625 head gasket	1	102.10	102.10T
C10094-3625	Hone cylinder and fit piston (each)	2	45.00	90.00T
Cylinder Honing	XL/Buell 1275 kit, Black, 04- Later XL/ Buell The above engine kit has black big fin cylinders included (correct fin style for 2004-up bikes). The cylinders are also available in silver or black highlighted, 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 \$799.95			839.95
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
			<b>Subtotal</b>	
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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... Alter Valve Angles Welding Intake ... Hand Form Floors	7MM Sledge Head Porting Alter valve angles on XL heads Weld Intake Port Floors (pair) Hand Form Intake Port Floors (pair) Sledge Head Porting Service 7mm As part of the SLEDGE 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.	1 1 1 1	756.00 180.00 75.00 125.00	756.00T 180.00T 75.00T 125.00T 1,398.00
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, 600 Lift	4	20.00	80.00T
K10090	7MM Locks Single Groove (2 each)	4	4.25	17.00T
LSC6000-4	AV&V Seat Locator, 600 Lift Beehive Spring - pack of 4 Striker Performance 7MM Valve Spring Kit 600 Lift Single Groove Locks This conical spring pack represents the latest in high performance spring development. The valvetrain is stable to at least 8000rpm.	1	17.00	17.00T 198.00
Angled Squish B...	Cut Angled Squish Band (each)	2	0.00	0.00T
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898562-00	XL 600 Lift Crush Hammer Performance Cam Set, 00-Later This advanced cam set has a special lobe design to minimize valvetrain noise while still producing impressive power gains.	1	350.00	350.00T
HP45PG	Bronze Oil Pump Gear, Sportster/Buell	1	98.00	98.00T
Grindlock-2000	Pinion Gear Locking Tool, 2000- Later XL, With Mounting Bolts 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.	1	50.00	50.00T
CY-25263-90FM	Cyco sportster cam cover gasket This high quality gasket is rubber-coated steel construction	1	5.50	5.50T
HPFLXL 10.676...	04/Buell XB Intake Pushrod 10.676x.065x3/8 (-.050)	2	14.875	29.75T
HPFLXL 10.730...	04/Buell XB Exhaust Pushrod 10.730x.065x3/8 (-.050)	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 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 a high ratio rocker to achieve more lift without causing additional clearance issues in the cam box. Rocker shafts are recommended because they are a high wear item.	1	33.95	33.95T
BTX-11	Energy One Extra Plate Clutch Kit, 1991 - Later Sportster, with 15% Stronger Diaphragm Spring	1	145.95	145.95T
DS-197026	Clutch Compression Tool, Motion Pro, 90-97 Big Twin and 91+ XL		70.00	70.00T
CY-34955-04FM	Cyco 2004-up sportster primary gasket This is a high quality rubber-coated steel primary gasket	1	12.00	12.00T
HPI-51S1-17	HPI 51MM Throttle Body & Manifold, 1.720" outlets, 2007-up XL This throttle body comes with it's own air cleaner	1	790.00	790.00T

<b>Subtotal</b>
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Port Manifold-Aft...	Throttle Body & Intake Manifold Porting-Aftermarket (each)	1	100.00	100.00T
1020-1494	Dynojet Powervision, Delphi models, CAN bus version, 11+ Softail, 12+ Dyna, 14+ Touring, 14+ Sportster The Dynojet Powervision is the cat's meow for EFI tuners. This is a flash type tuner that can be left on the bike or taken off after programming the factory ECM. If left on the bike, it can be used for diagnostics, as gauges, or for autotuning the fuel delivery. We can provide a good starting point map from which you can autotune to dial it in for your specific combination. The autotune function works with your stock narrow-band oxygen sensors and does a good job through the meat of the riding range. To tune the high rpm & high load areas of the map, we recommend the optional add-on Autone Pro kit, which includes wideband oxygen sensors and an interface to make them work with the Powervision. It sells for \$420.95.	1	549.95	549.95T
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
			<b>Subtotal</b>	\$5,325.59
			<b>Sales Tax (0.0%)</b>	\$0.00
			<b>Total</b>	\$5,325.59