



Hammer Performance

355 McGhee Road
Sandpoint, ID. 83864

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

Estimate

| Date | Estimate # |
|----------|------------|
| 4/1/2021 | 10653 |

| Name / Address |
|----------------|
| |

| Project |
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| 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 | 131.475 | 262.95T |
| 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 | 179.975 | 359.95T |
| C9907-3750 | Cometic 1986-90 Top End Gasket Kit, .030 3.600 Head/.020 Base | 1 | 102.10 | 102.10T |
| Cylinder Honing | Hone cylinder and fit piston (each) XL/Buell 1275 kit, Silver, 86-03 | 2 | 45.00 | 90.00T |
| | 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 \$775 | | | 815.00 |
| Ring Gap and Pi... | Gap Rings and Assemble Pistons and Rings into Cylinders (pair) | 1 | 50.00 | 50.00 |

| | |
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| | Sales Tax (0.0%) |
| | Total |



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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 | 598.00 | 598.00T |
| F0300M1770 | 1.770 Intake 7MM 4.520 TG Conversion | 2 | 30.00 | 60.00T |
| F0302M | 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 | | | 780.00 |
| | 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. | | | |
| 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 | 302.00 | 75.50T |
| E12028 | 7MM Titanium Retainer, 600 Lift | 4 | 17.875 | 71.50T |
| 18260-02 | 7MM locks Triple Groove | 8 | 0.75 | 6.00T |
| LSC6000-4 | AV&V Seat Locator, 600 Lift Beehive Spring - pack of 4 | 1 | 17.00 | 17.00T |

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| | Striker Performance 7MM Valve Spring Kit 600 Lift Triple Groove Locks This is the premium spring pack for the SMASH head service which can handle up to .600 lift and is safe to 7500+rpm. | | | 170.00 |
| Angled Squish B... | Cut Angled Squish Band (each) 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. | 2 | 0.00 | 0.00T |
| 898550 | XL 560 lift Impact Hammer Performance Cam Set, 86-90 | 1 | 350.00 | 350.00T |
| 2011-1501 | Cometic Cam Cover gasket 86-90 XL | 1 | 13.00 | 13.00T |
| HP45PG | Bronze Oil Pump Gear, Sportster/Buell | 1 | 98.00 | 98.00T |
| Grindlock-9199 | Pinion Gear Locking Tool, 1988-1999 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 |
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| Item | Description | Qty | Rate | Total |
| 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, 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 | 273.99 | 273.99T |
| TM45-2 | Mikuni HSR 45 mm Carburetor | 1 | 438.95 | 438.95T |
| 34-0834 | Mikuni to CV carb air box adapter | 1 | 21.95 | 21.95T |
| HPXL4503C ASWXL 4503C | Billet Intake Manifold, HSR45/CV44, 88-06 XL, for Carb type heads | 1 | 162.78 | 162.78T |
| 42/45 Billet Mani... DS173538 | 42/45 Billet Manifold Finishing | 1 | 22.22 | 22.22 |
| | 45MM/44MM Manifold Seal Ring | 1 | 10.00 | 10.00T |
| | Billet Intake Manifold, HSR45/CV44, 88-06 XL, for Carb type heads | | | 195.00 |
| 27794-08 | 10R12X Spark Plug | 2 | 5.95 | 11.90T |
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| 80312 | Red Line Assembly Lube, 4 OZ | 1 | 9.95 | 9.95T |
| 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. | Subtotal | \$3,337.24 |
| | Sales Tax (0.0%) | \$0.00 |
| | Total | \$3,337.24 |