



# Hammer Performance

355 McGhee Road  
Sandpoint, ID. 83864

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

# Estimate

| Date      | Estimate # |
|-----------|------------|
| 2/21/2022 | 11215      |

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

|                     |  |     |         | Project |
|---------------------|--|-----|---------|---------|
| Item                | Description  | Qty | Rate    | Total   |
|                     | 1986-1987 XL883<br>120+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 XL30D...    | HP 3600 XL30D5FS 3.600 30 Degree .500 Dome Piston, 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<br>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 |     |         | 910.00  |
| Ring Gap and Pi...  | Gap Rings and Assemble Pistons and Rings into Cylinders (pair)<br>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   | 50.00   | 50.00   |

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



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|-------------------------------|---|------|--------|----------|
| BFH Head Servi...<br>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  |
| VG6625                        | 7 MM +.025 Intake Valve Guide   | 2    | 13.00  | 26.00T   |
| VG6725                        | 7 MM +.025 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  | 75.00    |
| 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 ...<br>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<br>Striker Performance 7MM Valve Spring Kit 600 Lift<br>Single Groove Locks   | 1    | 17.00  | 17.00T   |
|                               | This conical spring pack represents the latest in high performance spring development. The valvetrain is stable to at least 8000rpm.  |      |        | 198.00   |
| 33-5125                       | S&S 600 Cam Set, 1986-90 XL   | 1    | 543.95 | 543.95T  |

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| Item             | Description   | Qty | Rate   | Total   |
| 2011-1501        | Cometic Cam Cover gasket 86-90 XL(C9311F5), 5 pack  | 0.2 | 74.75  | 14.95T  |
| 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  |
|                  | 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. |     |        |         |
| 0927-0028        | S&S 1.725 ratio Roller Rocker Arms, set of 4  | 1   | 672.95 | 672.95T |
| 90-4036          | S& S Rocker Shaft Set<br>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   | 44.95  | 44.95T  |
| SPX-9            | Energy One Extra Plate Clutch Kit, 1984 - 1990 Sportster  | 1   | 184.50 | 184.50T |
| DS223743         | Clutch Spring, 20% stronger, Barnett, 86-90 XL  | 1   | 28.95  | 28.95T  |
| DS199221         | Barnett Clutch Spring Compression Tool, 86-90 XL  | 1   | 54.95  | 54.95T  |
| 0934-4806        | Cometic Primary Gasket, Seal, and O-Ring Kit, 86-90 XL  | 1   | 44.95  | 44.95T  |

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|--------------------------|--|-----|--------|---------|
| 48-2X                    | Mikuni HSR48 Carburetor, Standard Finish                     | 1   | 459.95 | 459.95T |
| 34-0834                  | Mikuni to CV carb air box adapter                            | 1   | 32.73  | 32.73T  |
| HPXL4803C<br>ASWXL 4803C | Billet Intake Manifold, HSR48, 88-06 XL, for Carb type heads | 1   | 190.28 | 190.28T |
| 48 Billet Manifold...    | 48 Billet manifold Finishing                                 | 1   | 37.72  | 37.72   |
| 29539-99Yv               | 48 MM Manifold Seal Ring                                     | 1   | 17.00  | 17.00T  |
|                          | Billet Intake Manifold, HSR48, 88-06 XL, for Carb type heads |     |        | 245.00  |
| 2101-0027                | Dyna 2000I PC Programmable Ignition Module                   | 1   | 269.95 | 269.95T |
| 2102-0226                | Single Fire Coil, Drag Specialties, 2.4 ohm                  | 1   | 85.95  | 85.95T  |
| 2401-0869                | 12 MM Spark Plug Index Washers                               | 1   | 20.95  | 20.95T  |
| 27794-08                 | 10R12X Spark Plug  | 2   | 5.95   | 11.90T  |
| 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. | <b>Subtotal</b>         | \$5,342.03 |
|   | <b>Sales Tax (0.0%)</b> | \$0.00     |
|   | <b>Total</b>            | \$5,342.03 |