



PANHEAD

Unmatched
PERFORMANCE
& DURABILITY



Serving Harley-Davidson dealers and motorcycle shops since 1983

www.jprecision.com

HEAD WORK OPTIONS

		Dealer Price	Retail Price
650	Intake manifold porting (Carburator)	Call us	45.94
254	MACHINE 2 heads for compression release valves (machining only)	Call us	78.75
255	MACHINE 2 heads for compression release valves (includes 1 set of AV&V compression release valves) JCR10B-2	Call us	124.69
607	PISTON valve pockets machined for valve clearance (2 pistons)	Call us	59.06

CYLINDER HEADS

		Dealer Price	Retail Price
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OVERALL REBUILD 2 HEADS

Includes

- 4 new AV&V valve guides and valve seals
- Head gasket faces resurfaced
- Valves centerless grinded
- Set-up spring pressure & reassembly
- Soda blast combustion chambers & ports
- CNC seat job
- Ultrasonic washed

216	Overall rebuild 2 heads	Call us	423.75
216-GB	Overall rebuild 2 heads + GLASS BEAD	Call us	448.75

ESTHETIC

103	DISASSEMBLE & degrease 2 heads	Call us	37.50
105	SODA BLAST carbon out of 2 heads	Call us	36.88
107	GLASS BEAD 2 previously painted heads	Call us	112.50
108	GLASS BEAD 2 unpainted heads	Call us	85.94
109	SAND BLAST, 2 painted head (ready to paint)	Call us	50.00
115	WELD & rebuild cooling fins	Call us	31.25 & up
116	ULTRASONIC cleaning of 2 heads (ready for assembly)	Call us	43.75

VALVE SEATS

204	CNC 3 ANGLE seat job (2 heads)	Call us	65.63
214	MACHINE & install 1 valve seat (valve seat included)	Call us	87.50
215	MACHINE & install 4 valve seats (valve seats included) & blend with chambers (seat job not included)	Call us	223.13

VALVE GUIDES

218	REMOVE, install & fit 1 valve guide (labor only)	Call us	25.00
219	REMOVE, install & fit 4 valve guides (labor only)	Call us	52.50
224	BORE CLEAN damaged valve guide receiver hole	Call us	78.75

VALVES

231	CLEAN carbon out of 1 valve	Call us	5.00
228	RECONDITION 1 valve	Call us	8.75
229	RECONDITION 4 valves	Call us	26.25
227	CLEAN & RECONDITION 4 valves	Call us	39.38

RESURFACING

236	RESURFACE 2 heads + bolt inserts machined deeper	Call us	79.69
240	RESURFACE & Counter bore (2 heads)	Call us	91.88



CYLINDER HEADS (con't)

Dealer Price Retail Price

SPARK PLUGS

245	INSTALL 1 spark plug helicoil	Call us	36.25
247	WELD & repair cracked spark plug hole (helicoil included) (2 heads)	Call us	160.00
251	DUAL PLUG modification (2 heads)	Call us	160.00

MISCELLANEOUS

262	WELD & REPAIR damaged combustion chamber	Call us	31.25 & up
265	WELD & REPAIR 1 intake flange lip	Call us	43.75 & up
267	INSTALL 1 Helicoil for rocker box stud	Call us	26.25
270	WELD new exhaust flange (flange included)	Call us	112.50 & up

CYLINDERS

Dealer Price Retail Price

ESTHETIC

122	SAND BLAST 2 cylinders (ready to paint)	Call us	49.88
123	SAND BLAST & PAINT 2 cylinders black (paint included)	Call us	111.56

BORING & HONING

312	BORE, HONE & fit 2 cylinders with stress plates	Call us	118.13
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MISCELLANEOUS

318	REFACE 2 cylinder lower decks	Call us	49.88
319	REFACE 2 cylinder upper decks & flange	Call us	63.00

CRANKS

Dealer Price Retail Price

415	RECONDITION, assemble & true 1 crank & connecting rods (complete job, labor only)	Call us	281.25
	Rod races replacement	add 28.00	
416	SAME as previous + Dynamic balancing	Call us	418.75
418	RECONDITION, glass bead & fit 2 connecting rods	Call us	123.75
420	REPLACE Rod races (Labor only)	Call us	43.75
426	MACHINE 1 S&S flywheel for thrust washer	Call us	52.50

ENGINE CASES

Dealer Price Retail Price

ESTHETIC

130	GLASS BEAD unpainted engine case (oil galleries masked)	Call us	81.25
131	GLASS BEAD painted engine case (oil galleries masked)	Call us	106.25
133	SAND BLAST engine case (oil galleries masked) ready to paint	Call us	60.00
135	OIL GALLERY spot weld removal & installation of 1/8 NPT plug (allows better oil gallery clean up)	Call us	51.50



MACHINING SERVICES FOR PANHEAD Engines

ENGINE CASES (con't)

Dealer Price Retail Price

MISCELLANEOUS

512	RESURFACE engine case deck (cylinder studs must be removed)	Call us	105.00
514	REMOVE cylinder studs (Helicoils extra if required)	Call us	36.75
515	HELICOIL timing plug hole	Call us	45.94
516	WELD & REPAIR timing plug hole (Helicoil included)	Call us	91.88
518	OVERSIZE bore, breather gear hole .030"	Call us	72.19
519	SLEEVE breather gear hole (welding extra if required)	Call us	231.25
521	REMOVE & reinstall new case pinion bearing race + HONE & FIT (race not included)	Call us	131.25
523	HONE & FIT pinion bearing race	Call us	70.81
524	SLEEVE cam bearing hole	Call us	196.56
526	MACHINE left case for oversize bearing race insert	Call us	575.00
527	MACHINE engine case supports	Call us	105.00

MISCELLANEOUS

Dealer Price Retail Price

612	HONE & FIT Rocker Holder	Call us	18.38
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