

**2022 MASTER PRICE LIST**

(540) 338-1001

CLASSIC MOTORS &amp; MACHINE

EFFECTIVE JUNE 1, 2022

**Hourly Labor Rate \$140 /hr.***All pricing is based on time to complete the job. Prices below are subject to change if more work is required.***CLEANING**

Clean Head (Jet Spray Wash) or Small Parts	\$ 70.00
Clean Block (Jet Spray Wash)	\$ 140.00
Clean for Overhaul	\$ 403.20
<i>Includes: Block, Crankshaft, Rods, and all sheet metal and small parts</i>	
Shot-Peen Block	\$ 212.80
Shot-Peen Head or Parts	\$ 70.00
Media Blast Parts	\$ 70.00

**BORING & HONING**

1 to 3 Cylinders	\$ 140.00
4 Cylinders	\$ 187.50
6 Cylinders	\$ 218.84
8 Cylinders	\$ 270.00
10 Cylinders	\$ 300.00

**ALIGN HONING & LINE BORING**

Align Hone Block (Inline or V Block)	\$ 231.25
Line Bore Block (Inline or V Block)	\$ 312.50

**CRANKSHAFTS**

Polish Crankshaft	\$ 84.00
Machine Crankshaft (Auto/Light Truck)	\$ 312.50
Machine Crankshaft (Large Truck/Tractor)	\$ 437.50
Straighten Crankshaft	\$ 70.00
Magnaflux Crankshaft	\$ 43.84

**ENGINE TEARDOWN & ASSEMBLY**

Teardown Complete Engine	\$ 630.00
Teardown Short Block	\$ 210.00
Teardown Long Block	\$ 490.00
Assemble Complete Engine	\$ 1,568.00
<i>Includes: Degree camshaft, hang accessories, all sheet metal, and ignition/carb.</i>	
Assemble Short Block	\$ 455.00
<i>Just Crank, Rods, Pistons, and plugs</i>	
Assemble Long Block	\$ 1,254.40
<i>Does not include any sheet metal or accessories.</i>	
Fit and Finish (Painting and Prep work)	\$ 140.00
Install Freeze Plugs	\$ 35.00
Install Camshaft Bearings	\$ 125.44
File-Fit Piston Rings	\$ 168.00

**BROKEN BOLT EXTRACTION**

Extract Broken Bolt (each)	\$ 70.00
<i>Includes: install HeliCoil if necessary.</i>	

**RESURFACING**

Resurface Cylinder Head (Car/Light Truck)	\$ 84.00
Resurface Cylinder Head (Large Truck/Tractor)	\$ 140.00
Deck Block (Inline)	\$ 125.44
Deck Block (V Block)	\$ 168.00

**PRESSURE TESTING**

Car & Light Truck	
Pressure Test Head (Inline)	\$ 84.00
Pressure Test Head (V6 or V8 Pair)	\$ 168.00
Pressure Test Block (inline)	\$ 160.00
Pressure Test Block (V Block)	\$ 187.50
Large Truck/Tractor	
Pressure Test Head (Inline)	\$ 140.00

**VALVE JOBS**

2 Valves	\$ 78.40
4 Valves	\$ 125.44
6 Valves	\$ 140.00
8 Valves	\$ 140.00
12 Valves	\$ 210.00
16 Valves	\$ 259.00
20 Valves	\$ 302.40
24 Valves	\$ 329.10
32 Valves	\$ 362.70
High Performance Valve Job add	\$ 140.00
Remove Camshaft to Machine (SOHC)	\$ 56.00
Remove Camshaft to Machine (DOHC)	\$ 112.00
Adjust Valves (SOHC)	\$ 84.00
Adjust Valves (DOHC)	\$ 140.00

**VALVE SEAT & GUIDE**

Replace Valve Guides	
Minimum	\$ 70.00
More than 10	\$ 140.00
Replace Valve Seats	
Minimum	\$ 70.00
More than 10	\$ 156.25

**FLYWHEELS**

Car and Light Truck	\$ 98.00
Large Truck and Tractor	\$ 206.08

**BALANCING**

Balance Rotating Assembly	\$ 448.00
---------------------------	-----------

Revised: 6/1/2022

## 2022 MASTER PRICE LIST (CONTINUED)

CLASSIC MOTORS & MACHINE

### CONNECTING RODS

Recondition Rod (single)	\$ 89.60
Recondition Rod (set)	\$ 224.00
Hang Pistons	\$ 125.44
Pin-Fit Rods (hone small end)	\$ 125.44
Install ARP Rod Bolts	\$ 56.00

### MISC. CYLINDER HEAD MACHINING

Cut for Positive Valve Seals	\$ 94.08
Machine/Install Screw-In Studs	\$ 140.00
<i>(Includes: Remove press-in studs)</i>	
Spot-Face Head Bolt Bosses	\$ 94.08

### O-RINGING

Machine/Install O-Rings on Head	\$ 210.00
Machine/Install O-Rings on Heads (pair)	\$ 280.00
O-Ring Inline Block	\$ 280.00
O-Ring V-Block	\$ 315.00

### CYLINDER SLEEVING

Machine/Install Cylinder Sleeve (single)	\$ 210.00
Install Cylinder Sleeves (8)	\$ 1,254.40

## COMMON SERVICES PRICING

### CAR AND LIGHT TRUCK CYLINDER HEADS

#### 4 Cylinder Head (single head)

Clean, Pressure Test, Resurface	\$ 238.00
Add: Valve Job (8 valve head)	\$ 378.00
Add: Valve Job (16 valve head)	\$ 497.00

#### 4 Cylinder Head (pair of heads, i.e. Subaru)

Clean, Pressure Test, Resurface	\$ 406.00
Add: Valve Job (16 valves)	\$ 665.00

#### 6 Cylinder Head (inline)

Clean, Pressure Test, Resurface	\$ 238.00
Add: Valve Job (12 valve head)	\$ 448.00
Add: Valve Job (24 valve head)	\$ 567.10

#### V6 Cylinder Heads (pair)

Clean, Pressure Test, Resurface	\$ 406.00
Add: Valve Job (12 valve V6)	\$ 616.00
Add: Valve Job (24 valve V6)	\$ 735.10

#### V8 Cylinder Heads (pair)

Clean, Pressure Test, Resurface	\$ 370.00
Add: Valve Job (16 valve V8)	\$ 596.25

*\*\* Supply Charges of 6% are added to each ticket up to \$50, covering chemicals and hazardous waste disposal fees. \*\**

[www.classicmotormachine.com](http://www.classicmotormachine.com)

**Call: (540) 338-1121**

**WE CAN MACHINE FLYWHEELS WHILE YOU WAIT.**

### HOURS

Monday - Friday	8:30 AM to 5:30 PM
Saturday	By Appointment Only
Sunday	Closed

Revised: 8/5/2022