

**2020 MASTER PRICE LIST**

(540) 338-1001

CLASSIC MOTORS &amp; MACHINE

**Hourly Labor Rate \$100 /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	\$ 50.00
Clean Block (Jet Spray Wash)	\$ 85.00
Clean for Overhaul	\$ 285.00
<i>Includes: Block, Crankshaft, Rods, and all sheet metal and small parts</i>	
Shot-Peen Block	\$ 150.00
Shot-Peen Head or Parts	\$ 50.00
Media Blast Parts	\$ 50.00

**BORING & HONING**

1 to 3 Cylinders	\$ 100.00
4 Cylinders	\$ 150.00
6 Cylinders	\$ 175.00
8 Cylinders	\$ 210.00
10 Cylinders	\$ 240.00

**ALIGN HONING & LINE BORING**

Align Hone Block (Inline or V Block)	\$ 185.00
Line Bore Block (Inline or V Block)	\$ 250.00

**CRANKSHAFTS**

Polish Crankshaft	\$ 60.00
Machine Crankshaft (Auto/Light Truck)	\$ 250.00
Machine Crankshaft (Large Truck/Tractor)	\$ 350.00
Straighten Crankshaft	\$ 50.00
Magnaflux Crankshaft	\$ 35.00

**ENGINE TEARDOWN & ASSEMBLY**

Teardown Complete Engine	\$ 450.00
Teardown Short Block	\$ 150.00
Teardown Long Block	\$ 350.00
Assemble Complete Engine	\$ 1,000.00
<i>Includes: Degree camshaft, hang accessories, all sheet metal, and ignition/carb.</i>	
Assemble Short Block	\$ 325.00
<i>Just Crank, Rods, Pistons, Cam Bearings, and plugs</i>	
Assemble Long Block	\$ 800.00
<i>Does not include any sheet metal or accessories.</i>	
Fit and Finish (Painting and Prep work)	\$ 100.00
Install Freeze Plugs	\$ 25.00
Install Camshaft Bearings	\$ 80.00
File-Fit Piston Rings	\$ 100.00

**BROKEN BOLT EXTRACTION**

Extract Broken Bolt (each)	\$ 50.00
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*Includes: install HeliCoil if necessary.***RESURFACING**

Resurface Cylinder Head (Car/Light Truck)	\$ 60.00
Resurface Cylinder Head (Large Truck/Tractor)	\$ 100.00
Deck Block (Inline)	\$ 80.00
Deck Block (V Block)	\$ 150.00

**PRESSURE TESTING**

Car & Light Truck	
Pressure Test Head (Inline)	\$ 60.00
Pressure Test Head (V6 or V8 Pair)	\$ 120.00
Pressure Test Block (inline)	\$ 100.00
Pressure Test Block (V Block)	\$ 150.00
Large Truck/Tractor	
Pressure Test Head (Inline)	\$ 100.00

**VALVE JOBS**

2 Valves	\$ 50.00
4 Valves	\$ 80.00
6 Valves	\$ 90.00
8 Valves	\$ 100.00
12 Valves	\$ 150.00
16 Valves	\$ 185.00
20 Valves	\$ 210.00
24 Valves	\$ 235.00
32 Valves	\$ 275.00
High Performance Valve Job add	\$ 100.00
Remove Camshaft to Machine (SOHC)	\$ 40.00
Remove Camshaft to Machine (DOHC)	\$ 80.00
Adjust Valves (SOHC)	\$ 50.00
Adjust Valves (DOHC)	\$ 100.00

**VALVE SEAT & GUIDE**

Replace Valve Guides	
Minimum	\$ 50.00
More than 10	\$ 100.00
Replace Valve Seats	
Minimum	\$ 50.00
More than 10	\$ 125.00

**FLYWHEELS**

Car and Light Truck	\$ 70.00
Large Truck and Tractor	\$ 140.00

**BALANCING**

Balance Rotating Assembly	\$ 320.00
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**BABBITTING**

Pour Mains on Model A Ford	\$ 800.00
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*Includes: Line bore mains, fit caps*

## 2019 MASTER PRICE LIST (CONTINUED)

CLASSIC MOTORS & MACHINE

### CONNECTING RODS

Recondition Rod (single)	\$ 80.00
Recondition Rod (set)	\$ 160.00
Hang Pistons	\$ 80.00
Pin-Fit Rods (hone small end)	\$ 80.00
Install ARP Rod Bolts	\$ 40.00

### MISC. CYLINDER HEAD MACHINING

Cut for Positive Valve Seals	\$ 60.00
Machine/Install Screw-In Studs (Includes: Remove press-in studs)	\$ 100.00
Spot-Face Head Bolt Bosses	\$ 60.00

### O-RINGING

Machine/Install O-Rings on Head	\$ 100.00
Machine/Install O-Rings on Heads (pair)	\$ 200.00
O-Ring Inline Block	\$ 200.00
O-Ring V-Block	\$ 225.00

### CYLINDER SLEEVING

Machine/Install Cylinder Sleeve (single)	\$ 150.00
Install Cylinder Sleeves (8)	\$ 800.00

## COMMON SERVICES PRICING

### CAR AND LIGHT TRUCK CYLINDER HEADS

#### 4 Cylinder Head (single head)

Clean, Pressure Test, Resurface	\$ 170.00
Add: Valve Job (8 valve head)	\$ 270.00
Add: Valve Job (16 valve head)	\$ 355.00

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

Clean, Pressure Test, Resurface	\$ 290.00
Add: Valve Job (16 valves)	\$ 475.00

#### 6 Cylinder Head (inline)

Clean, Pressure Test, Resurface	\$ 170.00
Add: Valve Job (12 valve head)	\$ 320.00
Add: Valve Job (24 valve head)	\$ 405.00

#### V6 Cylinder Heads (pair)

Clean, Pressure Test, Resurface	\$ 290.00
Add: Valve Job (12 valve V6)	\$ 440.00
Add: Valve Job (24 valve V6)	\$ 525.00

#### V8 Cylinder Heads (pair)

Clean, Pressure Test, Resurface	\$ 290.00
Add: Valve Job (16 valve V8)	\$ 475.00

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

**Call: (540) 338-1001**

### SAME-DAY TURNAROUND

In most cases, basic cylinder service (cleaning, pressure testing, and resurfacing) can be completed same-day if the cylinder heads are dropped off before 11 AM.

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

### HOURS

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