

2021 MASTER PRICE LIST

(540) 338-1001

CLASSIC MOTORS & MACHINE

Hourly Labor Rate \$125 /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	\$ 65.00
Clean Block (Jet Spray Wash)	\$ 125.00
Clean for Overhaul	\$ 360.00
<i>Includes: Block, Crankshaft, Rods, and all sheet metal and small parts</i>	
Shot-Peen Block	\$ 190.00
Shot-Peen Head or Parts	\$ 65.00
Media Blast Parts	\$ 65.00

BORING & HONING

1 to 3 Cylinders	\$ 125.00
4 Cylinders	\$ 187.50
6 Cylinders	\$ 218.75
8 Cylinders	\$ 262.50
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	\$ 75.00
Machine Crankshaft (Auto/Light Truck)	\$ 312.50
Machine Crankshaft (Large Truck/Tractor)	\$ 437.50
Straighten Crankshaft	\$ 62.50
Magnaflux Crankshaft	\$ 43.75

ENGINE TEARDOWN & ASSEMBLY

Teardown Complete Engine	\$ 562.50
Teardown Short Block	\$ 187.50
Teardown Long Block	\$ 437.50
Assemble Complete Engine	\$ 1,250.00
<i>Includes: Degree camshaft, hang accessories, all sheet metal, and ignition/carb.</i>	
Assemble Short Block	\$ 406.25
<i>Just Crank, Rods, Pistons, Cam Bearings, and plugs</i>	
Assemble Long Block	\$ 1,000.00
<i>Does not include any sheet metal or accessories.</i>	
Fit and Finish (Painting and Prep work)	\$ 125.00
Install Freeze Plugs	\$ 31.25
Install Camshaft Bearings	\$ 100.00
File-Fit Piston Rings	\$ 150.00

BROKEN BOLT EXTRACTION

Extract Broken Bolt (each)	\$ 62.50
<i>Includes: install HeliCoil if necessary.</i>	

RESURFACING

Resurface Cylinder Head (Car/Light Truck)	\$ 75.00
Resurface Cylinder Head (Large Truck/Tractor)	\$ 125.00
Deck Block (Inline)	\$ 100.00
Deck Block (V Block)	\$ 150.00

PRESSURE TESTING

Car & Light Truck	
Pressure Test Head (Inline)	\$ 75.00
Pressure Test Head (V6 or V8 Pair)	\$ 150.00
Pressure Test Block (inline)	\$ 160.00
Pressure Test Block (V Block)	\$ 187.50
Large Truck/Tractor	
Pressure Test Head (Inline)	\$ 125.00

VALVE JOBS

2 Valves	\$ 62.50
4 Valves	\$ 100.00
6 Valves	\$ 125.00
8 Valves	\$ 125.00
12 Valves	\$ 187.50
16 Valves	\$ 231.25
20 Valves	\$ 262.50
24 Valves	\$ 293.75
32 Valves	\$ 343.75
High Performance Valve Job add	\$ 125.00
Remove Camshaft to Machine (SOHC)	\$ 50.00
Remove Camshaft to Machine (DOHC)	\$ 100.00
Adjust Valves (SOHC)	\$ 75.00
Adjust Valves (DOHC)	\$ 125.00

VALVE SEAT & GUIDE

Replace Valve Guides	
Minimum	\$ 62.50
More than 10	\$ 125.00
Replace Valve Seats	
Minimum	\$ 62.50
More than 10	\$ 156.25

FLYWHEELS

Car and Light Truck	\$ 87.50
Large Truck and Tractor	\$ 175.00

BALANCING

Balance Rotating Assembly	\$ 400.00
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BABBITTING

Pour Mains on Model A Ford	\$ 1,000.00
<i>Includes: Line bore mains, fit caps</i>	

2021 MASTER PRICE LIST (CONTINUED)

CLASSIC MOTORS & MACHINE

CONNECTING RODS

Recondition Rod (single)	\$ 80.00
Recondition Rod (set)	\$ 200.00
Hang Pistons	\$ 100.00
Pin-Fit Rods (hone small end)	\$ 100.00
Install ARP Rod Bolts	\$ 50.00

MISC. CYLINDER HEAD MACHINING

Cut for Positive Valve Seals	\$ 75.00
Machine/Install Screw-In Studs (Includes: Remove press-in studs)	\$ 125.00
Spot-Face Head Bolt Bosses	\$ 75.00

O-RINGING

Machine/Install O-Rings on Head	\$ 187.50
Machine/Install O-Rings on Heads (pair)	\$ 250.00
O-Ring Inline Block	\$ 250.00
O-Ring V-Block	\$ 281.25

CYLINDER SLEEVING

Machine/Install Cylinder Sleeve (single)	\$ 187.50
Install Cylinder Sleeves (8)	\$ 1,000.00

COMMON SERVICES PRICING

CAR AND LIGHT TRUCK CYLINDER HEADS

4 Cylinder Head (single head)

Clean, Pressure Test, Resurface	\$ 215.00
Add: Valve Job (8 valve head)	\$ 340.00
Add: Valve Job (16 valve head)	\$ 446.25

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

Clean, Pressure Test, Resurface	\$ 365.00
Add: Valve Job (16 valves)	\$ 593.75

6 Cylinder Head (inline)

Clean, Pressure Test, Resurface	\$ 215.00
Add: Valve Job (12 valve head)	\$ 402.50
Add: Valve Job (24 valve head)	\$ 508.75

V6 Cylinder Heads (pair)

Clean, Pressure Test, Resurface	\$ 365.00
Add: Valve Job (12 valve V6)	\$ 552.50
Add: Valve Job (24 valve V6)	\$ 658.75

V8 Cylinder Heads (pair)

Clean, Pressure Test, Resurface	\$ 365.00
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

Call: (540) 338-1001

WE CAN MACHINE FLYWHEELS WHILE YOU WAIT.

HOURS

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