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## REF: Tools & Fasteners



**Ride**

## Tool Suggestions, Workarounds, and Sources

Click on the links below for pics. Click on any pic to enlarge.

## HD Tools from Service Bulletins

These are PDFs of Service Bulletins listing HD service tools available at the time with illustrations of the tools as well.

• [Click Here](#)  
to download TSB #404 dated January 15, 1959.

• [Click Here](#)  
to download TSB #443 dated May 12, 1961

• [Click Here](#)  
to download TSB #404B dated October 30, 1974.

## Carburetor, Intake Manifold & Exhaust

- [Carburetor Removal / Dis-assembly / Installation Tools](#)
- [Exhaust Tools](#)

# Engine Control

- [Spark Plugs](#)
- [Engine Sensor](#)

# Drilling, Tapping and Reaming

- [Drills, Bits and Accompaniments](#)
- [Tap and Die](#)
- [Thread Inserts / Repair](#)
- [Reamers](#)

# Engine Mechanicals

## Bottom End:

- [Crankshaft / Flywheel](#)
- [Pinion Gear / Pinion Shaft Runout](#)
- [Cam Bushing Measuring / Removal / Installation](#)
- [Engine Cases / Gearcase / Cam Cover](#)
- [Primary Filler Plug](#)
- [Engine and Clutch Sprocket Removal / Installation](#)
- [Engine Stands](#)
- [Commercial Primary Side Tool Kit](#)
- [Lifters](#)

\* ... [The Origin of the Grindlock Pinion Gear Locking Tool](#)

## Top End:

- [Piston / Rings / Wrist Pin / Connecting Rod](#)
- [Cylinders](#)
- [Heads / Valves](#)
- [Rocker Box](#)
- [Pushrod Tubes](#)

# Electrical

- [Multimeter \(VOM\)](#)
- [Alternator / Generator](#)

- [Replacing Stator Magnets](#)
- [Timing Light](#)
- [For Removing / Installing Bulbs](#)

## Hand Tools

### For General Use

- [Torque Wrenches and Attachments](#)
- [Bolt / Screw Removal](#)
- [Files](#)
- [Circlip Pliers](#)
- [General Hand Tools](#)

### For Cutting Metal

- [Hand Held Grinder / Cutter / Dremil](#)

### For Polishing

- [Buffers and Accessories](#)

### For Measuring / Diagnostics

- [Calipers](#)
- [Dial Depth Gauge](#)
- [Telescoping Bore Gauge \(snap gauge\)](#)
- [For Finding Piston TDC](#)
- [For Measuring Small Holes](#)
- [For Dialing In \(Degree-ing\) Your Cams](#)
- [Cylinder Leak-Down and Compression Testers](#)
- [Tape Measures / Rulers](#)
- [MityVac Vacuum Pump Function and Usage](#)
- [Manometer \(slack tube\) for Measuring Air Pressure](#)
- [Bulb Type Pressure Tester for Testing Carburetor Needle Seat Valve](#)

## For Inspection / Diagnostic

- [Inspection Camera](#)
- [Stethoscope](#) (and other listening devices)

## Helping Hands

- [Tool Rests, Parts Holders and Containers](#)
- [Storing Body Parts](#)
- [Parts Cleaners and General Clean-up](#)
- [Tool Boxes / Tool Storage](#)
- [Cheater Bar, Breaker Bar and General Leverage Assistance](#)

## Lifts and Jacks

- [Lifts, Jacks and Wheel Chocks](#)

## Oil Pump

- [Oil Pump Tools](#)

## Oil / Gas Drainage and Removal

- [Fluid Extraction Pumps](#)
- [Engine / Primary / Transmission Funnels and Drainage Tools](#)

## Shop Tools

- [Shop Press](#)
- [Milling Machines](#)
- [Lathes](#)
- [Grinders](#)

# Suspension

- [Fork Tools](#)
- [Rear Shock Tools](#)
- [Swingarm Tools](#)
- Here is a spring compressor  
<https://www.rockymountainatvmc.com/p/1056/47186/Tusk-Shock-Spring-Compressor> including  
"How To" video

# Transmission/Clutch & Final Drive

## Transmission/Clutch:

- [Clutch Spring Compressor Tools](#)
- [Engine and Clutch Sprocket Locking Tools](#)
- [Commercial Primary Side Tool Kit](#)
- [Mainshaft and Countershaft](#)
- [Trapdoor Loosening Tools](#)

## Final Drive:

- [Drive Chain Tools](#)
- [Transmission Sprocket Tools](#)

# Wheels, Brakes & Tires

## Wheels:

- [Bearings and Race](#)
- [Wheel Truing / Balancing](#)
- [Wheel to Swingarm Alignment](#)
- [Cleaning Wheels](#)

## Brakes

- [Bleeding Brakes](#)
- [Master Cylinder / Brake Caliper / Rotor Tools](#)

## Tires:

- [Lifts, Jacks and Wheel Chocks](#)
- [Changing Tires](#)

- [Using a Durometer to Check Tire Hardness](#)

## Miscellaneous

- [Temporary Fuel Line for Testing Purposes](#)

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