

## 2112 VALVE SPRING COMPRESSOR KIT

Replaces valve springs & valve stem oil seals w/o the need to remove the cylinder head. Applications include: BMW, VW, Audi, Hyundai, Toyota & Ford. Includes: lever bar, adapters, notched pulling tool, hook pulling tool, 2 connectors & extension.



## 2235 VALVE SPRING COMPRESSOR KIT

Use w/ cylinder head still on or removed. Tool bolts to head while lever pivots from base to compress spring. Removal & installation of spring retaining keepers made through openings on both sides of compression tube.



## 7637 CHRYSLER ROCKER ARM REMOVER & INSTALLER - 3.7L & 4.7L

Serves 1999-2013 Jeep, Dodge & Chrysler w/ 3.7L & 4.7L engines including DR, DS, HB, HG, KA, KJ, KK, ND, WK & XK systems. 3/8" drive.



## 7638 CHRYSLER VALVE SPRING COMPRESSOR - 3.7L & 4.7L

Serves: Dodge Durango, Dakota, Aspen, Jeep Grand Cherokee & Commander. Serves DR, HB, KA, KJ, KK & ND systems. 3/8" drive.



## 1092 FORD VALVE SPRING COMPRESSOR - 4.6L

Compresses valve springs w/o having to remove head. Forged construction w/ 3/8" square drive & built-in jaws. Serves 1991+ Ford 4.6L, 2-valve, V8 engines. Comparable to Factory Tool #303-567.



## 2823 FORD VALVE SPRING COMPRESSOR - 4.0L & 4.6L

Serves Ford 4.0L SOHC V6 engines and some 4.6L V8's including Explorer, Mountaineer, Crown Victoria, Grand Marquis & Marauder. Detachable end enables access in tight areas. Extra wedge required for some applications. Compare to Ford Factory Tool #T95T-6565-A.



## 7639 FORD VALVE SPRING COMPRESSOR - 4.6L, 5.4L & 6.8L

Allows quicker, easier service for camshaft, valve seal, valve spring or retainer on Ford vehicles w/ 4.6L, 5.4L & 6.8L 3V engines. Included in #7640U Kit (page 12).



## 5042 FORD VALVE SPRING COMPRESSOR - 3.0L

Serves: Fusion, Milan, MKZ, Escape, Mariner, Five Hundred & Hybrid models. Compare to Factory Tool: 303-473.



**NEW!**

## 2228 VALVE SPRING COMPRESSOR

Direct action compressor lever for better access. Includes 2 valve spring adapters, fitting retainers up to 1" (25mm) & 1-3/16" (30mm). Jaw range: 1-3/8" to 5-5/8" (35mm - 142mm), throat clearance: 5-7/8" (150mm)



## 2231 OVERHEAD VALVE SPRING COMPRESSOR

Removes valve spring keepers & springs w/o removing cylinder head. Adjusts to fit springs on most cars. Sliding "T" handle for close clearances.



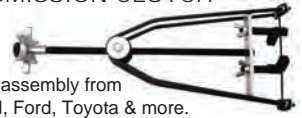
## 2239 THIN-PROFILE OVERHEAD VALVE SPRING COMPRESSOR

Offset jaws grip valve spring in parallel compression. No need to remove head. Extra long jaws for high performance engines. Hex head center screw & sliding "T" handle.



## 6500 AUTOMATIC TRANSMISSION CLUTCH SPRING COMPRESSOR

Remove & install snap-ring on long reverse piston & return spring w/o removing center shaft & clutch assembly from transmission housing. Serves GM, Ford, Toyota & more.



## 7646 VOLVO DIFFERENTIAL SEALING NUT WRENCH

Serves Volvo 850, 940, 940SE, 960, S60, S70, S80, V70, V70XC, XC70 & XC90. Comparable to Volvo Factory Tool #9995371.



## 2205 VALVE STEM SEAL PLIERS

Hardened steel tips for easy seal removal. OAL: 10" (25cm).



## 1060 VALVE STEM PLIERS W/ LONG REACH JAW

Removes valve stem seals from overhead camshaft engines. Long reach jaws (3-1/4" / 8cm) access recessed valves on 4 valve per cyl. motors. Inside of jaws serrated for improved gripping. Heavy-duty steel construction. OAL: 11" (21cm).



## A198 LEVER-TYPE VALVE SPRING COMPRESSOR

Removes springs & valve guide seals w/o removing cylinder head. Removes rocker & fastening tool to stud w/ nut, then use an air-hold fitting & compressed air to hold valves up.



## 2211 OVERHEAD VALVE KEEPER TOOL

Removes & replaces valve keepers on gas & diesel overhead valve engines, including motorcycle, marine & aircraft engines. Spring-loaded w/ built-in magnet to hold keepers.



## 2207 VALVE TOOL SET

Removes and installs valve keepers on Overhead Valve Engines w/ valve stems from 4.5 to 7.5mm and 5/16" to 3/8". Magnet in tool holds keepers. Updated smaller size for Toyotas & Chrysler late model World Engines.



## 2210 HYDRAULIC VALVE TAPPET REMOVER

Removes lifters that are not baked in or stuck w/o removing manifold. Heat-treated teeth hook under groove. OAL: 13" (33.5cm).



## 2218 SMALL ENGINE VALVE TAPPET ADJUSTING TOOL KIT

Serves most motorcycles, ATVs, & ATCs. Includes (3) 12-point offset wrenches: 8, 9 & 10mm; and (3) knurled knob tools: 3mm & 4mm square and slotted. Applications: Honda, Suzuki and all ATVs & motorcycles w/ 4 cyl. engines & screw type adjusters, including Yamaha SR185/250, XT/TT250, XS400 & ST185.



## VALVE LAPPING TOOLS

Features vacuum cup & hardwood handles. Two working ends on each tool for maximum coverage.

No.	Description
9780	2 Pc. Set
9781	Large - 1-1/8" x 1-3/8" Cups
9782	Small - 5/8" x 13/16" Cups



## 2110 AIR HOLD FITTING SET

For fast overhead valve repairs w/o removing cylinder head. Fits 14 & 18mm spark plug holes. Accepts 1/4" air hose coupling.



## OIL PUMP PRIMERS

Primes the lubricating system of new & rebuilt engines, sending oil to internal moving parts before first start. Use with 3/8" or 1/2" reversible drill.

No.	Application
2101	GM
2102	Ford - 5/16" Hex Drive
2103	Ford - 1/4" Hex Drive

