

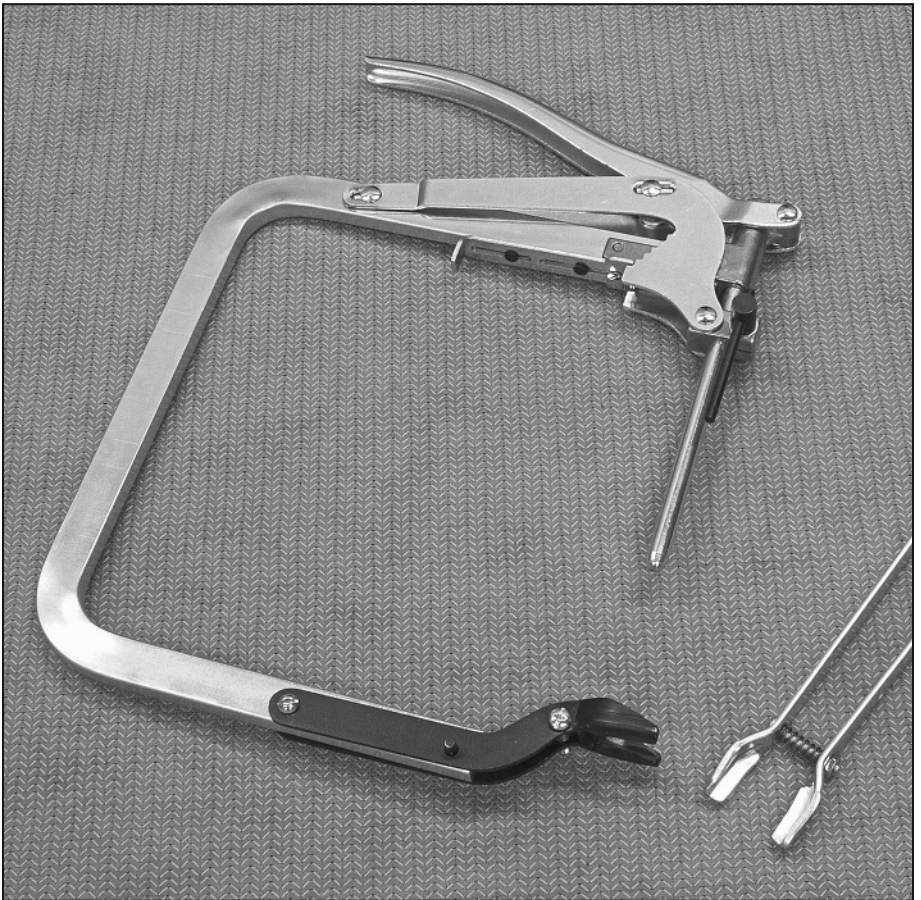
Eastwood

DO THE JOB RIGHT.

Part #14534

VALVE SPRING COMPRESSOR

INSTRUCTIONS



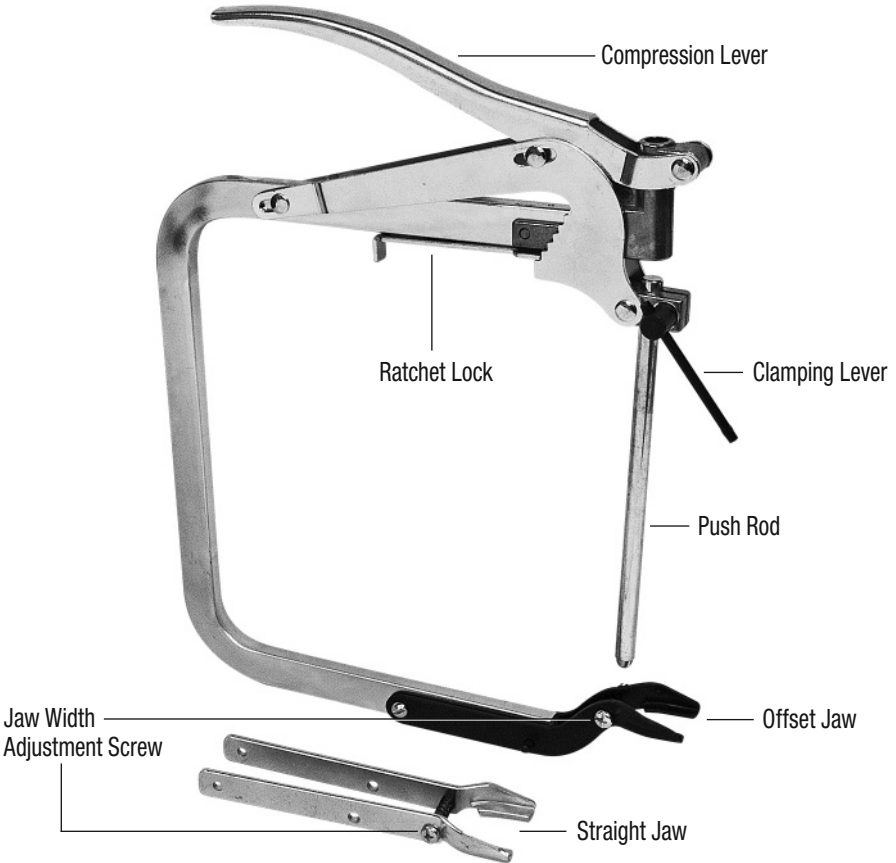
The **Eastwood Valve Spring Compressor** is made for servicing valves on most overhead valve engines with the head removed. This ratchet style tool automatically locks in any position and allows for one handed compressing of valves springs which keeps your other hand free to remove the keepers. This tool has a 9" Throat and 9" opening which will handle most cars, trucks, motorcycles, and more. The rugged C type frame design is manufactured from cold rolled steel with hardened jaws. Included are one pair of straight jaws and one pair of offset jaws for various applications.

WARNINGS

- Always wear eye protection when operating this tool.
- This tool has pinch points; keep fingers out of the compression points.

INCLUDES

- Valve Spring Compressor
- Straight Jaw
- Offset Jaw



OPERATION

1. Remove the cylinder head from the vehicle.
2. Determine if you will need the Offset or Straight Jaws by test fitting the Valve Spring Compressor over the valve spring and valve. Cylinder heads with deeply recessed valve springs will need the Offset Jaw.
3. Adjust the Jaw Width Adjustment Screw on the selected jaws to match the width of the valve spring.
4. Pull the Ratchet Lock towards the back of the tool to release the lever and pull the Compression Lever in the upper most position.
5. Loosen the Push Rod by loosening the Clamping Lever.
6. Adjust the Push Rod so that the rod makes contact with the valve surface while the jaw makes contact with the valve spring.
7. Tighten the Clamping Lever to lock the Push Rod in place.
8. Holding the tool firmly, press down on the Compression Lever to begin compressing the valve spring.
9. Compress the valve spring far enough to be able to remove the keepers. A nice trick for removing the keepers is to use a magnetic screw driver or a screwdriver with a dab of grease on it.
10. Once the keepers are removed slide the Ratchet Lock toward the back of the tool to release the pressure on the valve spring.
11. With the pressure relived the valves, springs, and retainers can easily be removed from the head for servicing.



If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.544.5118 >> email: techhelp@eastwood.com

PDF version of this manual is available online >> eastwood.com/14534manual

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