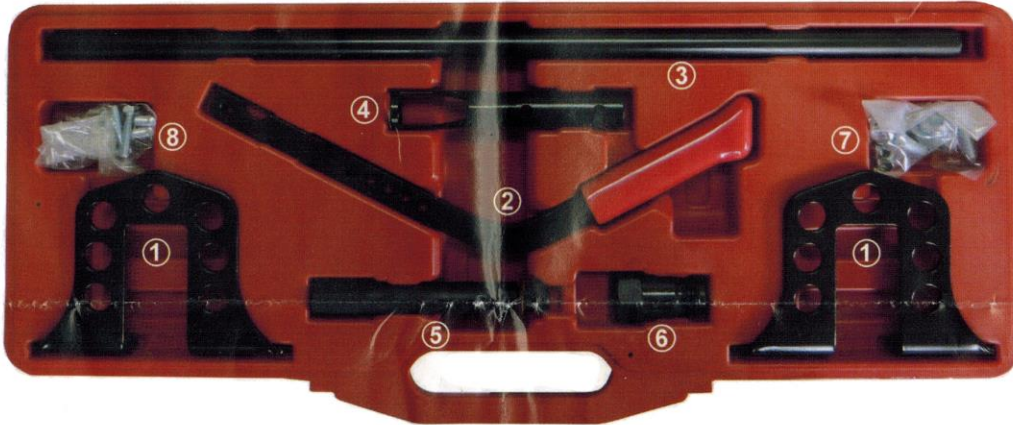


Installation Instructions for 805025 OHV/OHC Valve Spring Compressor Universal Overhead Set

Item	Description	Item	Description
1	Two Upright Supports	5	Spark Plugs
2	Compression Handle	6	Diesel Injectors
3	Support Bar	7	Securing Pins
4	Valve Adapter	8	Bolt & Washer

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of product.



INTRODUCTION

Universal Valve Spring Compressor

This tool has been designed for removing and installing valve springs and seals without the need to remove the cylinder head from the engine block. However it can also be used on a cylinder head which has been removed from the block.

WARNING: Always wear safety goggles when using this tool.

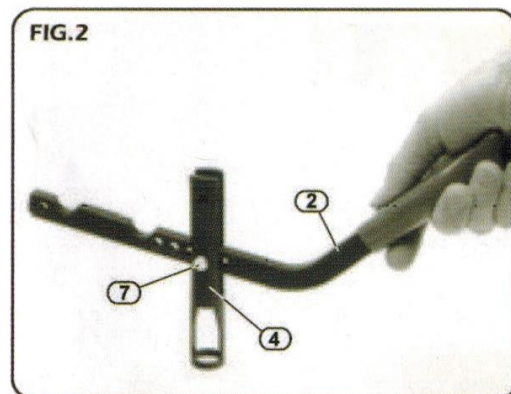
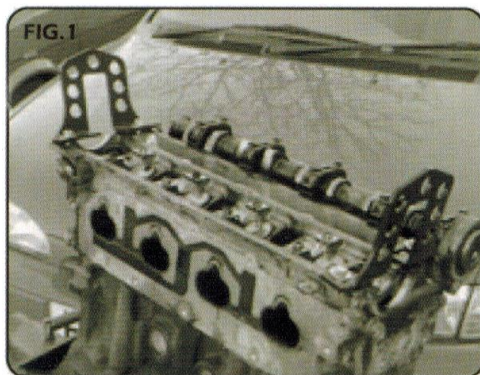
Applicable for OHV & OHC gas or diesel engines: Audi, BMW, VW, Volvo, Porsche (924 & 928), Honda, Mazda, Mitsubishi, Nissan, Toyota, Chevrolet, Chrysler, Ford, Lincoln, Saturn, others.

ASSEMBLY

1. Secure the two upright supports to the head using the bolts supplied or Cam cover fixings. (Do not fully tighten the bolts at this time) See FIG. 1.

2. Locate the compression handle (2) into the slot in the valve adapter (4) and secure using one of the securing pins (7), see FIG. 2.

NOTE: There are several holes located in both the compression handle and valve adapter, these are for proper location of the adapter on the valve.



JEGS
Performance Products

1-800-345-4545 jeps.com

3. Locate the support bar through the upright supports as shown in FIG. 3

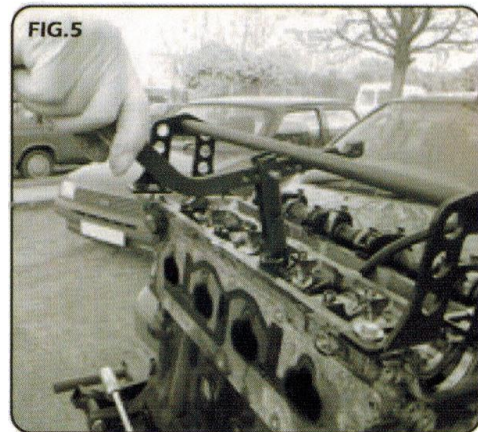
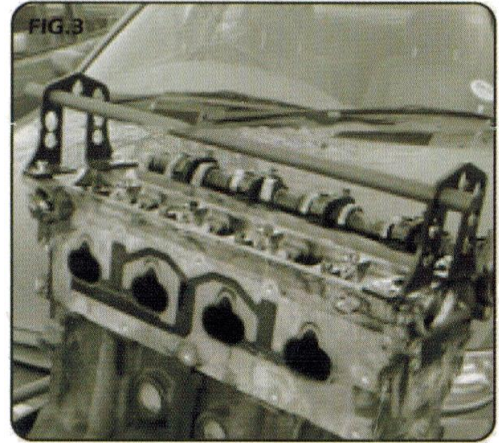
NOTE: There are seven holes in each upright for correct positioning of the valve adapter.

4. Remove the spark plugs or diesel injectors from the engine.

5. Screw the required adapter into the plug or injector of the valve spring or valve guide to be replaced and tighten (finger tight), see FIG. 4.

6. Connect the adapter to an air supply at 90 PSI.

7. Place the compression handle under the support bar noting that there are two locating slots in the handle. See FIG. 5.



8. Check that the valve adapter lines up correctly with the valve holder. If the adapter does not line up correctly, adjust the support bar, upright supports or compression handle/valve adapter as necessary.

9. Once the valve adapter is lined up correctly tighten the upright support bolts.

10. Re-check that the air supply is correct, line up the valve adapter and depress handle. The valve spring will then be depressed and the collets can be removed.

11. Renew valve stem seal or spring; replace collets – by re-compressing the spring and re-inserting the collets.

12. Repeat instructions 5-11 for other valves as necessary.

NOTE: These instructions are for guidance only, for concise and detailed instructions refer to the Vehicle Manufacturers service manual or relevant Haynes Service Manual.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS, AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.