

# SEALEY

## CVH VALVE SPRING COMPRESSOR - FORD

MODEL NO: VS150

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE 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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instruction manual



Wear eye protection

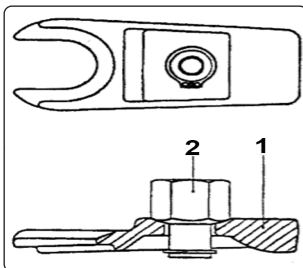
### 1. SAFETY

- WARNING!** Wear eye protection and take care when compressing/decompressing springs as they can become dislodged and fly off.
- DO NOT** allow dirt or foreign matter to enter the engine parts.
- Ensure any oil return holes in the cylinder head and spark plug holes are covered to prevent collets or seals entering the engine.
- DO NOT** use air or electric tools with this tool.

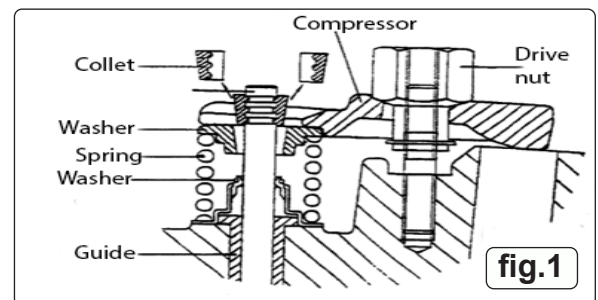
### 2. INTRODUCTION

This tool provides a simple means for replacement of valve stem oil seals, damaged or broken valve springs without having to remove the cylinder head.

### 3. CONTENTS



Item no.	Part no.	Description
1	VS150/1	Compressor claw
2	VS150/2	Retained nut



### 4. APPLICATIONS

Ford CVH engines. Fiesta, Orion 1.4 and 1.6 models including XR3 and RS Turbo models

### 5. OPERATION

- 5.1. Disconnect the battery earth lead.
- 5.2. Remove the air cleaner unit, cam belt cover, rocker box cover and spark plugs in accordance with the manufacturers instructions.
- 5.3. Rotate the engine in the normal direction of rotation until the relevant piston is at top dead centre.
- 5.4. Remove the relevant rocker arm and hydraulic tappet.
- 5.5. Fit the valve spring compressor claw over the valve spring cap and screw the seating nut onto the M8 rocker nut until the heel of the compressor sits on the empty tappet hole. Fig.1
- 5.6. Tighten the 22mm nut to compress the valve spring and retaining cap just enough to allow the split collet to be released from the groove in the valve stem.
- 5.7. With the collets removed, slowly undo the 22mm nut and remove the compressor tool, valve spring and cap.
- 5.8. Prise the valve stem oil seal from the valve guide, fit new seal and reassemble in the reverse order of dismantling.



#### ENVIRONMENT PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

**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 this product.

**Warranty:** Guarantee is 12 months from purchase date, proof of which is required for any claim.

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