



INSTRUCTIONS FOR:

GUDGEON PIN REMOVER - MOTORCYCLE

MODEL No: **VS1830.V2**

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 AND 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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- **WARNING!** Ensure all Health and Safety, local authority, and general workshop practice regulations are strictly adhered to when using tools.
- x **DO NOT** use tools if damaged or worn.
- ✓ Maintain the tools in good and clean condition for best and safest performance.
- ✓ Ensure all threads are clean and well lubricated.
- ✓ Always check that remover is correctly assembled and is square with the workpiece.
- ✓ Wear suitable clothing to avoid snagging. Do not wear jewellery. Tie back long hair.
- ✓ Wear approved eye protection. A full range of personal safety equipment is available from your Sealey dealer.
- x **DO NOT** hit workpiece or remover with a hammer if workpiece has not moved with maximum force applied.
- x **DO NOT** use the tool without the locknut correctly fitted in conjunction with the associated die.

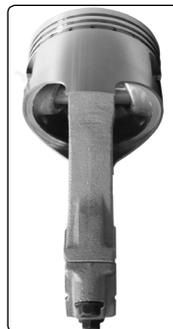


Fig.1

IMPORTANT: Always refer to the vehicle manufacturer's service instructions, or proprietary manual, to establish the correct procedure and data. These instructions for use are provided as a guide only.

2. DESCRIPTION & SPECIFICATION

Interchangeable piston adaptors, one for full skirt pistons that makes 360° contact with the cylinder, and a short skirt piston adaptor designed for use with slipper pistons. Suitable for use with most types and sizes of pistons. Supplied with 4 additional aluminium pin adaptors, for protecting the gudgeon pin. These four additional adaptors will allow the puller to work with any size gudgeon pin from 13mm to 24mm.

Shaft Ø:	8mm
Die Ø:	13, 16, 19, 22mm
Maximum Piston Ø:	95mm
Maximum Travel:	110mm

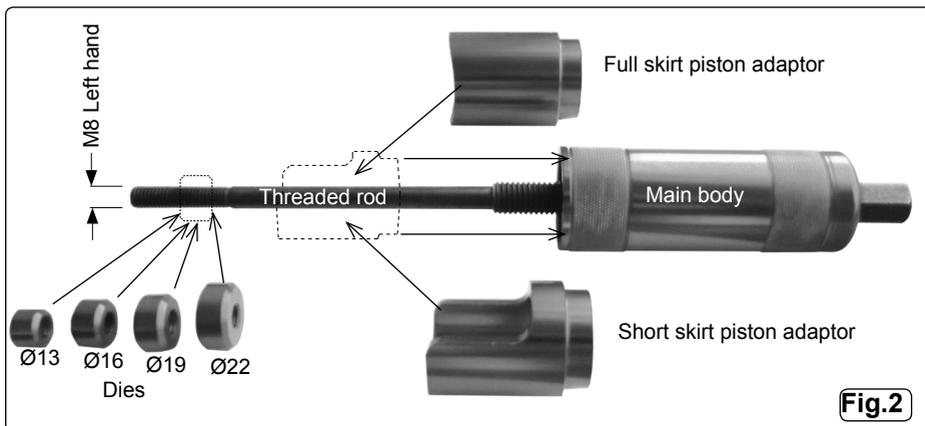
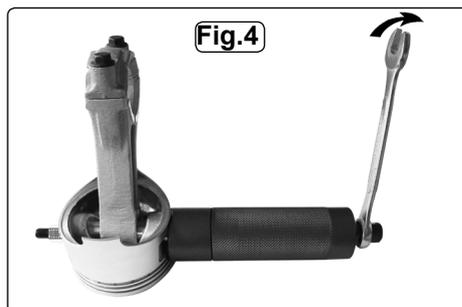
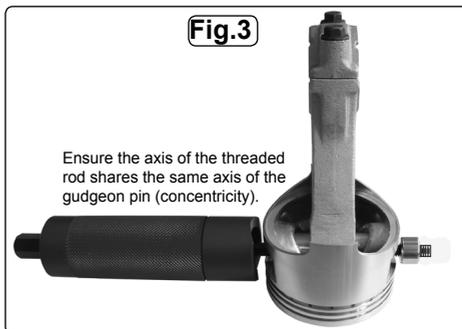


Fig.2

3. OPERATION

- 3.1 If fitted, remove the circlips from either side of the piston gudgeon pin (Fig.1).
- 3.2 Unscrew clockwise and remove the dies from the threaded rod shown in Fig.2.
- 3.3 **Lubricate the M12 portion of the threaded rod with a silicone grease or similar product.**
- 3.4 Ensure the threaded rod is fully wound clockwise into the main body (Fig.2), up to the hexagon shoulder.
- 3.5 Select the required adaptor and locate as indicated inside the main body in Fig.2. The full skirt adaptor has a radiussed concave face and this should be orientated so it fits "flush" against the piston shown in Fig.3. The short skirt adaptor is designed with a flat face for "waisted" slipper pistons.
- 3.6 Choose the die that is the closest fit to the gudgeon pin outside diameter.
- 3.7 Screw the die anticlockwise on to the threaded rod; the die must be a minimum distance of L + 2mm from the end, see Fig.2.
- 3.8 Screw the knurled locknut anticlockwise on to the threaded rod until tight against the die, see Fig.3.
- 3.9 When you are sure that the die is central on the gudgeon pin, proceed using a 14mm spanner, turn the threaded rod anti-clockwise (Fig.4) to start extracting the gudgeon pin.
- 3.10 The gudgeon pin will start to draw through the piston (Fig.5). If the threaded rod nut requires excessive force stop and check for obstructions, make sure the die is central and that all circlips have been removed.
- 3.11 Finally remove the tool from the piston with the gudgeon pin attached (Fig.6).
- 3.12 Unscrew the knurled locknut and remove the die and gudgeon pin.
- 3.13 Wipe clean all the remover components with a dry cloth and return to plastic wallet.



Environmental Protection.

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycle centre and disposed of in a manner which is compatible with the environment.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or telephone 01284 757500.

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 will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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