



INSTRUCTIONS FOR TRIPLE LEG HYDRAULIC PULLER

MODEL NO: **HP5, HP10**

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 instructions



Wear eye protection



Wear protective gloves

1. SAFETY

- WARNING!** Ensure all Health and Safety, local authority, and general workshop practice regulations are strictly adhered to when using puller.
 - DO NOT** use puller if damaged or worn.
 - Maintain the puller in good and clean condition for best and safest performance.
 - Ensure all threads are clean and well lubricated.
 - Always check that puller is correctly assembled and is square with the workpiece.
 - Ensure the nuts and bolts are tight on the jaw heads.
 - If vehicle is raised, ensure it is adequately supported with axle stands, ramps, etc. as appropriate.
 - 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.
 - Where possible shield workpiece with canvas or similar to provide protection against failed parts.
 - DO NOT** heat puller jaws when heating a gear or bearing as this will affect the temper and, therefore, the strength of the material.
 - DO NOT** hit workpiece, or ram, with a hammer if workpiece has not moved with maximum puller force applied. Use a larger capacity puller.
 - Account for all tools and parts being used and **DO NOT** leave them in or on the vehicle.
- IMPORTANT:** Always refer to the vehicle manufacturer's service instructions, or a proprietary manual, to establish the correct procedure and data. These instructions for use are provided as a guide only.

2. INTRODUCTION

Heavy-duty triple leg hydraulic puller. Suitable for pulling hubs, flanges, gears and bearings. Supplied with three 2-position puller legs and carry-case.

3. OPERATION

- WARNING! Ensure that you read, understand and apply the safety instructions in Section 1.**
 - 3.1. Confirm that the workpiece is retained by interference fit (parallel or taper) only.
 - 3.2. Assemble the puller as illustrated in fig.1. taking into consideration the size of the workpiece when deciding which holes the legs should be located in. Ensure release valve is turned fully clockwise.
 - 3.3. Fit the legs behind the workpiece, adjusting if necessary the triple head's position, with centre adaptor (if required) over piston end, until centre adaptor point locates into end of shaft from which workpiece is to be pulled.
 - 3.4. Pump the pump handle to pull workpiece from shaft.
 - 3.5. If workpiece requires additional movement, turn the release valve anti-clockwise to return piston to original position and then turn release valve fully clockwise, unlock legs from workpiece and relocate triple head's position by turning it along threaded shaft. Refit legs behind workpiece and then continue to draw workpiece from shaft.
- IMPORTANT:** If the workpiece does not move, with maximum puller force applied, **DO NOT** hit it, or the puller, in an attempt to jar it free.
Damage to the puller and/or workpiece and personal injury may result. Use a larger capacity puller. Such misuse will also invalidate the warranty.

4. MAINTENANCE

- 4.1. **GENERAL**
- 4.1.1. Keep all items clean and lightly oiled. Keep all threads free from grit and lubricate the ram regularly.
- 4.1.2. Store the ram in the closed position to prevent piston surface corrosion.
- 4.2. **CHANGING HYDRAULIC OIL IN RAM**
- IMPORTANT: The hydraulic system operates on a specially formulated oil which must be replaced periodically. Use Sealey Hydraulic Jack Oil, available from your authorised Sealey agent.**
- WARNING!** Use of any other oil in the ram may cause ram to fail and will invalidate your warranty.
Wear appropriate eye, face and hand protection.
- 4.2.1. Remove legs etc. and lay the ram down with the hex headed bolt facing upwards.
- 4.2.2. Undo the hex headed bolt, temporarily cover hole and then carefully turn the pump over and drain the oil out into a suitable container, the release valve can then also be unscrewed to allow the oil to completely drain out.
- 4.2.3. Refit release valve and turn ram over. Refill carefully until oil is visible in the filling hole.
- 4.2.4. Refit the hex headed bolt.

Fig.1



Environmental 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 off any fluids (if applicable) into approved containers and dispose of the product and the 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 will be required for any claim.



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