

SEALEY

18-TONNE HYDRAULIC BUSH & BEARING REMOVAL/INSTALLATION KIT

MODEL NO: **VS7034**

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!** Ensure Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
- ✓ Maintain the tool components in good and clean condition for best and safest performance.
- ✓ Ensure that a vehicle which has been jacked up is adequately supported with axle stands.
- ✓ Wear approved eye protection. A full range of personal safety equipment is available from your Sealey stockist.
- ✓ Wear suitable clothing to avoid snagging. **DO NOT** wear jewellery and tie back long hair.
- ✓ Keep children and other unauthorised persons away from the working area.
- ✓ Ensure there is adequate lighting prior to using the tool.
- * **DO NOT** use the kit if any parts are missing or damaged.
- * **DO NOT** use tool for any purpose other than that for which it is designed.
- * **IMPORTANT:** These instructions are intended as a guide only. Always refer to the vehicle manufacturer's service instructions or a proprietary manual to establish the current procedure.

2. INTRODUCTION

Designed to install and remove suspension bushes and bearings on passenger and commercial vehicles. Powerful 18 tonne hydraulic cylinder (hydraulic pump and hose not included). Compatible with Sealey air hydraulic pump RE109, hydraulic pump RE110 and hydraulic hose RE111. Protects the bush using the parallel working tension elements. The sleeve viewing window is for the correct fitment of the bush or bearing. Application: 26-82mm press sleeves in 2mm increments and 85/87mm press sleeves. Includes four force screws and three press sleeve adaptors. Supplied in two storage cases.

3. SPECIFICATION

Model no.: VS7034
Force Screw Length:Hydraulic Ram Force Screws 450mm x 4, Manual Force Screws 250mm x 4
Force Screw Threads:Manual Force Screws M10 x 1.5mm x2, M12 x 1.75mm x2
Nett Weight: 39.50kg
Max Capacity: 25 tonne
Working Capacity: 18 tonne
40mm Press Sleeve:26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72mm
96mm Press Sleeve:70, 72, 74, 76, 78, 80, 82, 85/87mm. used in conjunction with a press sleeve adaptor
110mm Press Sleeve:26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54,56, 58, 60, 62, 64, 66, 68mm

4. OPERATION

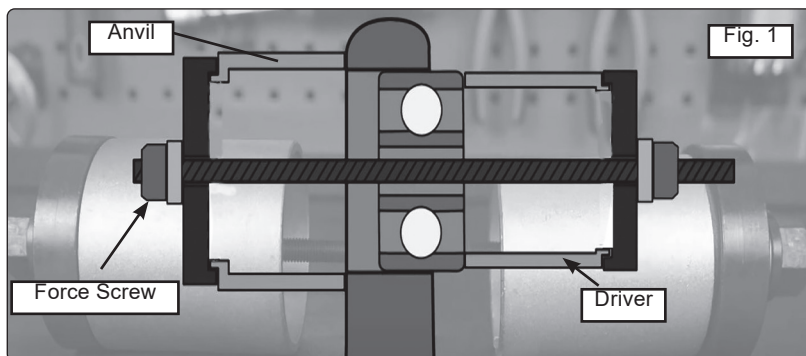


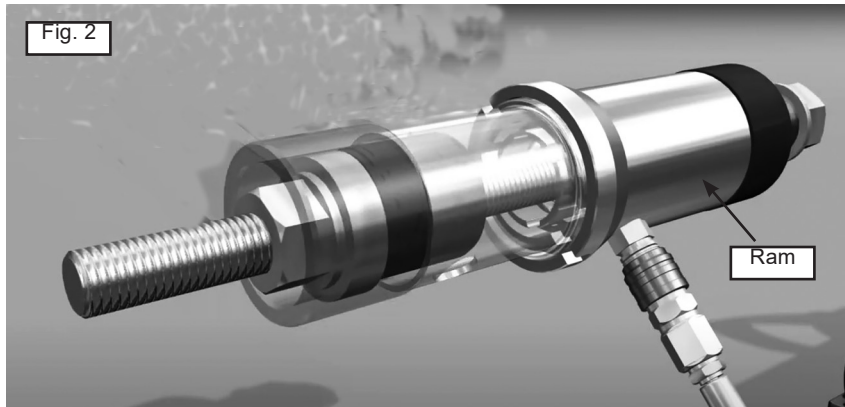
Fig. 1 Principle of Operation
Tighten Force Screw to draw Driver onto the bush/bearing and thus pushing it either into or out of the housing.

4.1. BUSH / BEARING REMOVAL (fig. 1 fig.2)

- 4.1.1. Select suitable diameter Force Screw and Press Sleeve diameters, one for Anvil and one for Driver (see fig.1) for the job in hand.
- 4.1.2. Pass Force Screw through the ram and attach washer and nut.
- 4.1.3. Pass Force Screw through the bush or bearing, slide relevant Press Sleeves up to the face of the bush / bearing.
- 4.1.4. Slide Press Sleeve (Anvil) onto Force Screw and firmly attach washer and nut.
- 4.1.5. Connect pump to ram and operate pump.
- 4.1.6. Hold ram assembly when clear of the bush / bearing housing.
- 4.1.7. Operate ram to push and remove bearing/bush from the Press Sleeve
- 4.1.8. Release pressure on ram, remove nut and washer

4.2. BUSH / BEARING INSTALLATION (fig. 1 fig.2)

- 4.3. Pass Force Screw through ram and attach washer and nut.
- 4.3.1. Pass Force Screw through the position of bush or bearing location and slide replacement bush / bearing onto Force screw.
- 4.3.2. Slide Press Sleeve (Driver) onto Force Screw, slide up to the face of the bush / bearing and firmly attach washer and nut.
- 4.3.3. Operate ram to pull and insert bearing/bush into the bush / bearing housing.
- 4.3.4. Release pressure on ram, remove nut and washer



5. MAINTENANCE

- 5.1. Keep all elements clean of any swarf, grit or abrasive contaminates and keep lightly oiled using a lightly oiled cloth.
- 5.2. Replace all elements in correct location after each use and prior to storage.

6. END OF LIFE

- 6.1. Dispose of the tools and cases in accordance with local, regional and national guidelines.



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.



REGISTER YOUR
PURCHASE HERE

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