

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- ▲ **DANGER!** Stop compressing the spring before the coils touch.
- **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- **WARNING!** Wear approved safety eye protection (standard spectacles are not adequate).
- ✗ DO NOT operate spring compressor if parts are damaged or missing as this may cause failure and/or personal injury.
- ✗ DO NOT force the spring compressor to achieve a task it was not designed to perform.
- ✗ DO NOT allow untrained persons to use the spring compressor.
- ✓ Familiarise yourself with the applications, limitations and potential hazards of the spring compressor.
- ✓ Maintain the spring compressor in good condition. Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Keep the work area clean, uncluttered and ensure there is adequate lighting.
- ✓ Keep hands and body clear of the spring when operating the spring compressor.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Remove ill fitting clothes. Remove ties, watches, rings, other loose jewellery. Contain and/or tie back long hair.
- ✓ Wear appropriate protective clothing.
- ✓ When not in use clean and store the spring compressor in a safe, dry, childproof location.

2. TECHNICAL SPECIFICATION

Maximum Spring Load1000kg Yoke Travel335mm
Spring Diameter102-254mm

3. INTRODUCTION

3.1 1000kg Foot-operated hydraulic unit. Quicker and easier than using ratchet driven spring compressors. Spring hooks are multi-adjustable allowing the compressor to cover a wide range of spring diameters and lengths.

4. ASSEMBLY

- 4.1 The RE230 requires minimal assembly before use.
- 4.2 Attach the brackets to the base of the RE230 (Fig 1). Be sure the brackets are fixed securely to the base as they provide stability and will be used to secure the unit to the floor.
- 4.3 Assemble the main foot pedal and secure with the screw provided (Fig 2).
- 4.4 Lower the strut support onto the upright section and fasten to the ram head using the pin and circlip provided (Fig 3).
- 4.5 Lower the upper strut support/spring clasp assembly onto the upright section. Select the required height and fix in position using the pins, circlips and split pins provided (Fig.4).

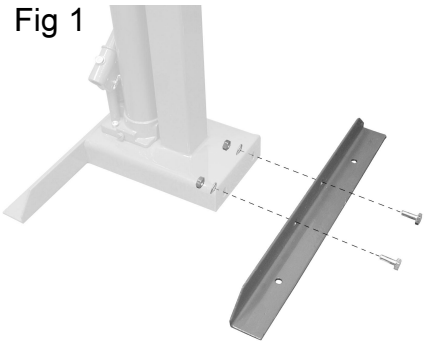


Fig 2



Fig 3

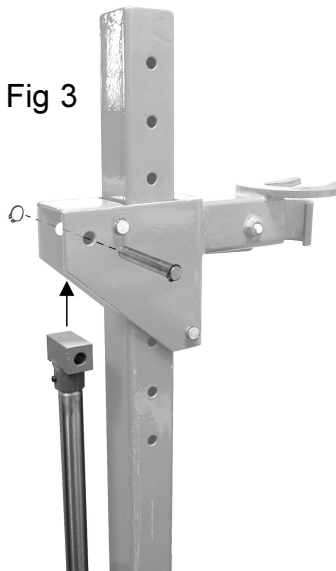
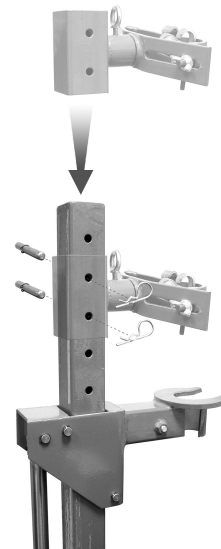
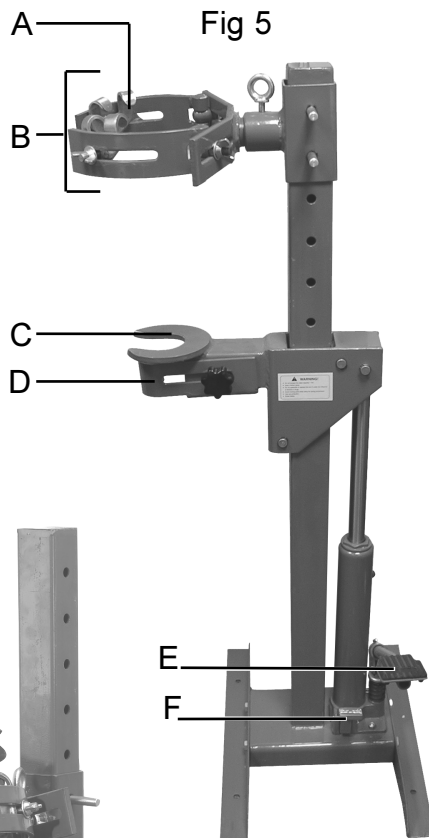


Fig 4

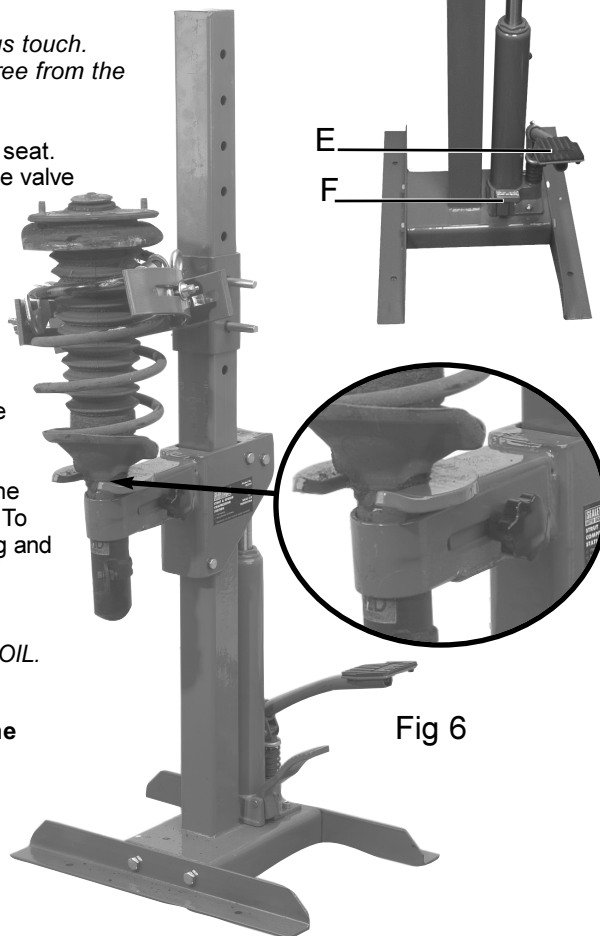


- 4.6 The RE230 must now be fixed securely to the ground in order to ensure the safety of the user. Holes are to be found in the brackets, which allow the unit to be secured by way of masonry bolts or sinking pins into concrete.
- WARNING!** Whichever method is used, ensure the unit is adequately fixed and cannot topple.



5. INSTRUCTIONS FOR USE

- 5.1 To compress a strut removed from a vehicle.**
- 5.2 If necessary, lower the strut support (Fig 5C) by operating the valve release pedal (Fig 5F), to allow compression of as many windings as possible.
- 5.3 Place the strut in the compressor as shown in Fig.6. Now fit the retainer (Fig 5D) onto the damper shaft and tighten.
- 5.4 Arrange the spring clasp assembly (Fig 5B) to ensure the hooks (Fig 5A) have a stable hold on one coil of the spring (close to the top of the strut) and tighten all fixings.
- 5.5 Gradually compress the spring by pumping the foot pedal (Fig 5E) being sure that the spring and strut remain securely held at all times.
- ✓ Ensure the clasp and the body of the compressor are correctly aligned at all times during spring compression. For conical springs, the centre line of the spring should remain parallel to the compressor body.
- ▲ **DANGER!** Stop compressing the spring before the coil windings touch. You need only compress the spring until the strut top plate is free from the spring.
- 5.6 When the spring is sufficiently compressed, remove the spring seat.
- 5.7 Allow the spring to gradually decompress by carefully operating the valve release pedal.
- 5.8 When the spring is fully decompressed, the hooks can be removed and the shaft retainer released.



6. MAINTENANCE

- 6.1 Before each use, check the compressor to ensure it is not damaged or worn. If in any doubt DO NOT use the unit. Remove it from service immediately and contact your local Sealey dealer for advice/repairs.
- 6.2 Refilling the hydraulic system with oil is rarely necessary but the level should be checked in the event of a loss of performance. To check oil level, ensure the ram is fully lowered, remove filler plug and check that level is within 10mm of filler hole. Add hydraulic jack oil if necessary.

NOTE: Use a good quality jack oil, such as SEALEY HYDRAULIC JACK OIL.

- WARNING: DO NOT use brake fluid, or any fluid other than hydraulic jack oil as this will cause serious damage to the jack and will invalidate the warranty!**

7. DECLARATION OF CONFORMITY

<p>STRUT & SPRING COMPRESSING</p> <p>STATION</p> <p>Model: RE230</p> <p>98/37/EC Machinery Directive</p> <p>93/68/EEC CE Marking Directive</p>	<p>We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives.</p> <p>CE Signed by  29th November 2004</p> <p>Mark Sweetman</p> <p><i>For Jack Sealey Ltd. Sole importer into the UK of Sealey Professional Tools.</i></p> <p>The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.</p>
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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.

	<p>Sole UK Distributor, Sealey Group, Bury St. Edmunds, Suffolk.</p>		
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