



# 2PC HEAVY-DUTY COIL SPRING COMPRESSOR SET 2500KG/PAIR

MODEL NO: **AK3845.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 & 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 a face shield



Wear protective gloves



Warning! crushing of hands



**DO NOT** let coil windings touch

## 1. SAFETY

- ▲ **DANGER!** Stop compressing the spring before the coil windings touch. Exercise particular caution when using an air impact wrench.
- **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- **WARNING!** Wear approved safety face shield (standard spectacles are not adequate).
- **WARNING! DO NOT** compress the spring to an extent where the jaws touch.
- × **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. INTRODUCTION

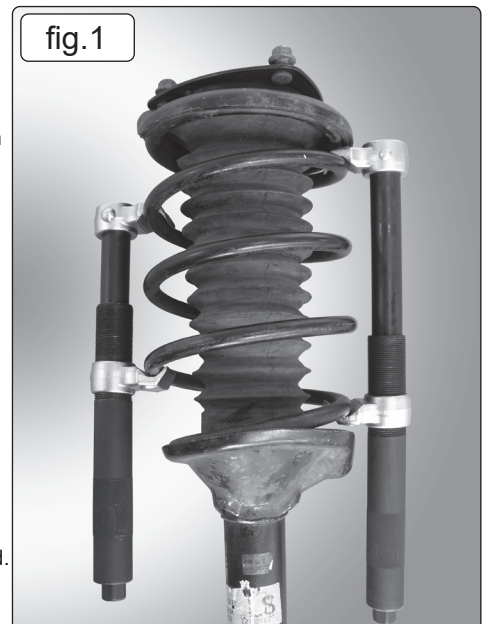
Heavy-duty coil spring compressor with hardened steel body and force screw. Ensures smooth compression of spring.

## 3. SPECIFICATION

Drive: .....17mm Hex  
 Maximum Jaw Opening:..... 280mm  
 Capacity Pair: ..... 2500kg

## 4. OPERATION

- 4.1. Remove strut from vehicle according to procedure recommended in the manufacturer's service instructions, or a proprietary manual.
- 4.2. Undo the force screw on each compressor screw so that it is long enough to compress as much of the spring length as is possible.
- 4.3. The two compressor screws should be attached to the spring directly opposite each other as shown in fig.1.
- 4.4. Attach the first compressor screw by placing the lower jaw low down on the spring. Slide the moving jaw upwards and place it as high as possible on the spring.
- 4.5. Ensure that the compressor jaws are correctly aligned then rotate force screw clockwise until the lower jaw contacts the spring.
- 4.6. Attach the second compressor screw in the same way ensuring that it is parallel to and opposite the first screw.
- 4.7. Make a final check that the jaws are correctly aligned, and the two screws are parallel to each other, see fig.1.
- 4.8. Commence initial spring compression by equally rotating the bodies of the screw compressors anticlockwise.
- 4.9. Continue full compression of the spring by turning the force screws clockwise using a suitable 19mm socket or spanner. **DO NOT** use air tools. The coil will need to be compressed equally on each side, alternate between each arm so as to not unbalance the spring. Compress the spring without allowing it to become coil bound.



- 4.10. When spring is sufficiently compressed and is free to rotate on the strut, remove top plate from strut, then withdraw the spring. **DO NOT** drop the compressed spring assembly or subject it to any shock.
- 4.11. Reverse the above procedure to replace spring.

## 5. MAINTENANCE

- 5.1. Before each use check the spring compressor set components to ensure they are not damaged or worn. If suspect **DO NOT** use the unit, but contact your local Sealey Dealer who will be able to advise you regarding repair kits and spare parts.
- 5.2. Keep the force screws well lubricated.
- 5.3. Keep the spring compressor set components clean, and when not in use store in a safe, dry, childproof location.

ALWAYS KEEP FORCE SCREW  
WELL LUBRICATED



DO NOT USE AIR TOOLS



### 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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on [technical@sealey.co.uk](mailto:technical@sealey.co.uk) or 01284 757505.

**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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