

CLAMPBRO®



TELESCOPIC SPRING COMPRESSOR MODEL NO: CHT746

PART NO: 1801746

OPERATION & MAINTENANCE INSTRUCTIONS



LS0913

INTRODUCTION

Thank you for purchasing this CLARKE Telescopic Spring Compressor. Designed for use on wishbone suspension using access points in the rear suspension arm. features two pairs of carefully shaped yokes that prevent the coil spring from bowing

Before attempting to use this product, please read this manual thoroughly and follow the instructions carefully. In doing so you can look forward to your purchase giving you long and satisfactory service.

GUARANTEE

This product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt which will be required as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

WHAT IS SUPPLIED

Contact your Clarke dealer if any items are missing or damaged.

- 1 x drive handle
- 2 pairs of compression yokes

TECHNICAL SPECIFICATION

Maximum Spring Load	1250 kg
Size/Suitability	Ø 80-135 mm
Opening Range	115 - 300 mm
Weight	6.5 kg
Drive	19 mm Hex

SAFETY INSTRUCTIONS



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).

WARNING: DO NOT COMPRESS THE SPRING TO AN EXTENT WHERE THE COIL WINDINGS OR YOKES TOUCH.

WARNING: MEASURE THE OUTSIDE DIAMETER OF THE SPRING TO BE COMPRESSED AND SELECT THE CORRECT SET OF YOKES TO FIT THE SPRING.

- **DO NOT** operate the spring compressor if parts are damaged or missing as this can cause failure or injury.
- **DO NOT** force the spring compressor to achieve a task it was not designed to perform.
- **DO NOT USE AIR TOOLS TO ADJUST THE SPRING COMPRESSOR.**
- **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.
- Do not exceed the maximum capacity of this spring compressor (1250 kg), if in doubt contact the vehicle manufacturer.

INSTRUCTIONS FOR USE

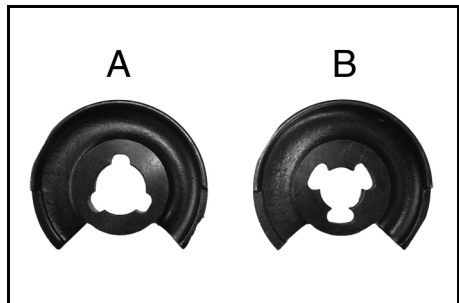


WARNING: MEASURE THE OUTER DIAMETER OF THE SPRING TO BE COMPRESSED AND SELECT THE CORRECT SET OF YOKES.

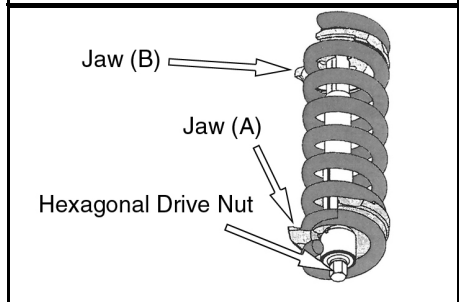
WARNING: ENSURE THAT THE COIL SPRING TO BE COMPRESSED IS FREE FROM DIRT AND GREASE WHERE THE YOKES WILL BE IN CONTACT WITH IT

IMPORTANT: Do not use the coil spring compressor fully extended, but adjusted to a length of approx. 200 mm. This will allow adequate travel to expand and compress the spring.

1. Raise the vehicle to allow access to the spring.
 - Make sure that the vehicle is safely and correctly supported.
2. Put the yoke (A) into the lower part of the spring windings.
3. Insert yoke (B) into the upper part of the spring windings.
 - Make sure that the spring windings sit between the inner and outer rims of the yoke.



4. Insert the body of the spring compressor up through the spring.
 - The hexagonal drive nut must be facing downwards.
5. Guide the compressor through the lower yoke (A) and up into the upper yoke (B),



6. When the compressor has passed through the upper yoke turn the body through approx 50° so it locates in the locking grooves on the yoke as shown.
 - Make sure that the spring is correctly placed within both yokes and yokes are correctly aligned with the compressor body.



7. Use a 19mm hex socket to turn the hexagonal drive nut until the yokes are firmly in contact with the spring.
8. Now continue to compress the spring.



WARNING: AIR TOOLS MUST NOT BE USED TO ADJUST THE SPRING COMPRESSOR. USE OF AIR TOOLS WILL INVALIDATE THE WARRANTY.

WARNING: DO NOT ALLOW THE SPRING WINDINGS TO TOUCH. DO NOT ALLOW THE COMPRESSOR TO REACH THE LIMIT OF ITS TRAVEL IN EITHER DIRECTION.

9. Remove the spring and compressor assembly from the vehicle as soon as you have attained sufficient compression.
10. With the spring supported turn the hexagonal drive nut in the opposite direction and remove the compressor and yokes from the spring.
11. To re-mount the spring, reverse the procedure.

MAINTAINING THE SPRING COMPRESSOR

- Before each use check the compressor to ensure it is not damaged or worn.
- If any damage is suspected, do not use the unit, but contact your local Clarke Dealer who will be able to advise you regarding repair and spare parts.
- Grease the compressor spindle as necessary to inhibit corrosion.
- Keep the compressor clean, and when not in use, store in a safe, dry, location.

ALSO AVAILABLE FROM YOUR CLARKE DEALER

CHT695 OIL FILTER CAP WRENCH SET



- Can withstand up to 85lb ft torque
- Oxide finish for rust protection
- Can be used with 3/8" & 1/2" square drive wrenches
- Kit includes 14 wrenches, adaptor and tough carry case

CHT701 12 PIECE OIL DRAIN PLUG KEY SET



- 3/8" square drive carbon steel tommy bar
- 7 Hex key drives 3/8", 8, 9, 10, 12, 14 & 17mm
- 4 Square key drives 3/8", 8, 11 & 13mm

CHT698 46 PIECE HARMONIC BALANCE PULLER



- Removes flywheels and pulleys 36 to 95mm diameter
- Solid yoke designed for 2 or 3 point fixing
- 5" pressure screw

CHT658 BRAKE CALIPER WIND BACK TOOL SET



- Left & right hand threaded bolt assemblies
- Rewind tools and reaction plate
- 15 adaptor plates to suit a range of vehicles

QR CODE



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