

INSTRUCTIONS FOR:
COIL SPRING COMPRESSOR

MODEL No: **RE228**



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 AND CAUTIONS. USE THIS 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 coil windings 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).
- ❑ **WARNING!** Measure the outer diameter of the spring to be compressed and select the correct set of jaws from the Adaptor Jaw Usage Chart attached.
- ✗ **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.

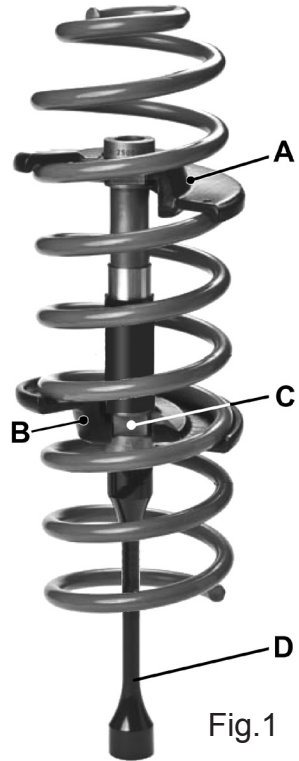


Fig.1

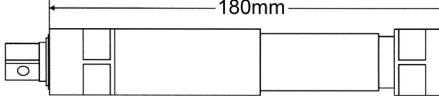
2. TECHNICAL SPECIFICATION

Maximum Spring Load	2500kg
Standard jaws supplied	2 x 13.0001.15 (Ø90mm - 120mm)
.....	2 x 13.0001.19 (Ø120mm - 140mm)
Torque stick supplied	MAX-100Nm
Weight body	0.58kg
Weight torque stick	0.26kg
Weight jaws (2 pieces)	1.12kg
Maximum travel	97mm

3. INTRODUCTION

- 3.1 Innovative new tool suitable for 95% of all cars with wishbone suspension front or rear. Saves time over traditional methods of demounting springs and saves realignment of suspension during reassembly. This is the only aftermarket tool currently on the market capable of handling VW Touran, Citroen C3, Skoda Octavia and Peugeot 107 vehicles and will also fit other vehicles with small (<30mm) access points in the rear spring control arm. Capable of use with air impact wrench and supplied with safety key to prevent over-torque and special angled jaws for added safety. Supplied in carry-case.

4. INSTRUCTIONS FOR USE

- WARNING!** Measure the outer diameter of the spring to be compressed and select the correct set of jaws from the Vehicle Application List.
- ▲ **IMPORTANT! Do not start by using the coil spring compressor fully extended, but adjusted to a length of 180mm as shown to the right. This will ensure adequate travel to fully expand and compress the spring regardless of the initial spring tension.**
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- The diagram shows a side view of the coil spring compressor. It consists of a central cylindrical body with a hexagonal drive nut on the left end and a torque stick on the right end. Two square jaws are attached to the ends of the central body. A dimension line above the central body indicates a length of 180mm.
- ✓ Ensure that the coil spring to be compressed is free from dirt and grease where the jaws will be in contact with it.
- 4.1. Jack up the vehicle to remove the coil spring. Ensure that the vehicle is safely and properly supported.
- 4.1.1 Insert the main body of the spring compressor into the inside of the spring from below with the hexagonal drive nut facing downwards.
- 4.1.2 Insert one of the jaws into the upper spring windings (see Fig.1A) and slide the upper square section of the compressor fully into the slot in the jaw. Ensure that the spring windings sit between the inner and outer rims of the jaw.
- 4.1.3 Insert the other jaw into the lower spring windings (see Fig.1B) ensuring that the the jaw slides onto the lower square section on the compressor (see Fig.1C).
- 4.1.4 Using the torque stick provided (see Fig.1D) begin to turn the hexagonal drive nut until the jaws are firmly in contact with the spring. Before proceeding ensure that the spring is correctly placed within both jaws.
- 4.1.5. Now compress the spring using an air wrench or a ratchet spanner.
- WARNING! An air wrench must only be used with the supplied torque stick which has a maximum torque limit of 100Nm.**
- WARNING! When the spring windings touch each other no more compression is possible. It is recommended that spring compression should cease before the windings touch. Similarly when the compressor reaches the limit of its travel in either direction, compression must cease.**
- 4.1.6 Remove the torque stick from within the spring and remove the spring and compressor from the vehicle.
- 4.1.7 With the spring adequately supported drive the compressor in the opposite direction and remove the compressor and jaws from the spring.

5. MAINTAINING THE COMPRESSOR

- 5.1 General Maintenance.
- 5.1.1. Before each use check the compressor to ensure it is 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.
- 5.1.2. Grease the compressor spindle as necessary, at least every six months using graphite grease.
- 5.1.3. Keep the compressor clean, and when not in use store in a safe, dry, childproof location.

RE228 VEHICLE APPLICATION LIST FOR USE WITH STANDARD JAWS (13.0001.15)

MAKE	MODEL	YEAR	FRONT	JAW	REAR	JAW
<u>TOYOTA</u>	AYGO	07⇨	-	-	●	-
<u>VOLVO</u>	C30	07⇨	-	-	●	-
-	C70	07⇨	-	-	●	-
-	S40	07⇨	-	-	●	-
-	V50	07⇨	-	-	●	-
<u>VOLKSWAGEN</u>	FOX	07⇨	-	-	●	-
-	POLO	07⇨	-	-	●	-
-	TOURAN	03⇨	-	-	●	-

RE228 APPLICATION LIST (BOTH JAWS) 13.0001.15 (SMALL) 13.0001.19 (LARGE)

MAKE	MODEL	YEAR	FRONT	JAW	REAR	JAW
<u>BMW</u>	1-SERIES E87	07⇨	-	SMALL	●	-
-	2-SERIES E90	07⇨	-	SMALL	●	-
-	3-SERIES E91	07⇨	-	SMALL	●	-
<u>DAIMLER BENZ</u>	C-CLASS W202	93⇨00	●	SMALL		-
-	CL W140	93⇨99	●	LARGE		-
-	CLK W209	03⇨		S/L	●	-
-	E-CLASS W124	93⇨95	●	SMALL		-
-	E-CLASS W211	02⇨		S/L	●	-
-	M-CLASS	06⇨	●	S/L		-
-	S-CLASS W116	73⇨80	●	SMALL		-
-	S-CLASS W126	80⇨90	●	LARGE		-
-	S-CLASS W140	91⇨98	●	LARGE		-
-	W107	93⇨00	●	SMALL		-
-	W114	07⇨	●	SMALL		-
-	W115	07⇨	●	SMALL		-
-	W123	03⇨	●	SMALL		-
-	W129	03⇨	●	SMALL		-
-	W201	03⇨	●	SMALL		-
<u>FORD</u>	FUSION	03⇨	-	SMALL	●	-
<u>HONDA</u>	CIVIC/STREAM	07⇨	-	SMALL	●	-
<u>VOLKSWAGEN</u>	BEETLE	07⇨	-	SMALL	●	-

RE228 VEHICLE APPLICATION LIST FOR USE WITH LARGER JAWS (13.0001.19)

MAKE	MODEL	YEAR	FRONT	JAW	REAR	JAW
CITROEN	C8	03↔	-	-	●	-
CHEVROLET	KALOS	07↔	-	-	●	-
HYUNDAI	GETZ	02↔	-	-	●	-
KIA	RIO	07↔	-	-	●	-
MINIBISHI	PAJERO	07↔	-	-	●	-
PEUGEOT	207	07↔	-	-	●	-
-	807	08↔	-	-	●	-
RENAULT	TRAFFIC	07↔	-	-	●	-
TOYOTA	AURIS	08↔	-	-	●	-
-	YARIS	07↔	-	-	●	-
VOLVO	S60	03↔	-	-	●	-
-	V70	07↔	-	-	●	-
-	XC90	07↔	-	-	●	-

RE228 PARTS LISTING

DESCRIPTION	PART
MAIN BODY	13.0001.04
TORQUE STICK	13.0001.05
STANDARD JAW SET (SMALL) Ø90mm - 120mm	13.0001.15
STANDARD JAW SET (LARGE) Ø120mm - 140mm	13.0001.19

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.



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