

# DRAPER<sup>®</sup>

## INSTRUCTIONS FOR 14 Piece Coil Spring Compressor Kit

Stock No.60981 Part No.N1000B

**IMPORTANT:** PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS PRODUCT.



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### GENERAL INFORMATION

These instructions accompanying the product are the original instructions. This document is part of the product, keep it for the life of the product passing it on to any subsequent holder of the product. Read all these instructions before assembling, operating or maintaining this product.

This manual has been compiled by Draper Tools describing the purpose for which the product has been designed, and contains all the necessary information to ensure its correct and safe use. By following all the general safety instructions contained in this manual, it will ensure both product and operator safety, together with longer life of the product itself. All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the product. Whilst every effort has been made to ensure the accuracy of information contained in this manual, the Draper Tools policy of continuous improvement determines the right to make modifications without prior warning.

# 1. TITLE PAGE

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## **1.1 INTRODUCTION:**

USER MANUAL FOR:

## **14 PIECE COIL SPRING COMPRESSOR KIT**

Stock no. 60981

Part no. N1000B

## **1.2 REVISIONS:**

Date first published August 2014

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As our user manuals are continually updated, users should make sure that they use the very latest version.

Downloads are available from: <http://www.drapertools.com/b2c/b2cmanuals.pgm>

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## **1.3 UNDERSTANDING THIS MANUALS SAFETY CONTENT:**

**WARNING!** Information that draws attention to the risk of injury or death.

**CAUTION!** Information that draws attention to the risk of damage to the product or surroundings.

## **1.4 COPYRIGHT © NOTICE:**

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## 3. GUARANTEE

### 3.1 GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship.

Should the tool develop a fault, please return the complete tool to your nearest distributor or contact Draper Tools Limited, Chandler's Ford, Eastleigh, Hampshire, SO53 1YF, England. Telephone Sales Desk: (023) 8049 4333 or Product Helpline (023) 8049 4344.

A proof of purchase must be provided with the tool.

If upon inspection it is found that a fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. The guarantee period covering parts/labour is 12 months from the date of purchase. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accidents, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agents.

Note: If the tool is found not to be within the Terms of Warranty, repair and carriage charges will be quoted and made accordingly.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the guarantee period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights. Draper Tools Limited.

## 4. INTRODUCTION

### 4.1 SPECIFICATION

Stock no. ....	60981
Part no. ....	N1000B
Gold jaws	
Range.....	80-115mmø
Inner diameter.....	65mm
Outer diameter.....	125mm
Weight (pair) .....	1.45kg (approx.)
Black jaws	
Range.....	105-140mmø
Inner diameter.....	88mm
Outer diameter.....	160mm
Weight (pair) .....	2.2kg (approx.)
Silver jaws	
Range.....	145-190mmø
Inner diameter.....	126mm
Outer diameter.....	212mm
Weight (pair) .....	2.3kg (approx.)

## 5. HEALTH & SAFETY INFORMATION

### 5.1 GENERAL SAFETY INSTRUCTIONS FOR COMPRESSOR USE

For your safety.

Working safely with this tool is possible only when the operating and safety information are read completely and the instructions contained therein are strictly followed.

- Before each use, check unit for full functional capability. If the functional capability is not ensured or if damage is detected, the unit should not be used.
- When compressing the spring, neither the spring windings nor the jaws should come in contact with each other.
- The centre line of the spring must always be parallel to the compressing device, especially for conical springs.
- Use only suitable jaws for the springs. The spring must rest securely within the outer rib and the safety ridges. Take care that sliding of the spring out of the jaw plates is not possible.

- The bolts of the jaws must always be firmly tightened.

- For repair, use only original parts.

- Do not make any construction changes to the unit. Do not replace safety pin by a stronger safety pin.

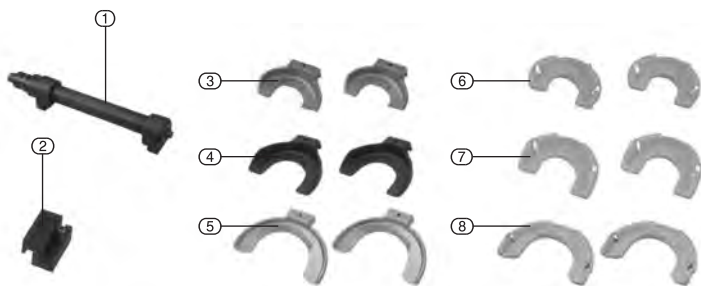
Use as intended.

The coil spring compressor is exclusively for compressing and expanding of strut springs whereby suitable jaws must be used. Any other or further use is considered not as intended.

Maintain your tools correctly, a well maintained tool will do the job safely. Replace any damaged or missing parts immediately with original parts from the manufacturer.

## 6. TECHNICAL DESCRIPTION

### 6.1 IDENTIFICATION



- ① Main body.
- ② Extension bracket.
- ③ Gold jaws.
- ④ Black jaws.

- ⑤ Silver jaws.
- ⑥ Gold jaw covers.
- ⑦ Black jaw covers.
- ⑧ Silver jaw covers.

## 7. PREPARING THE SPRING COMPRESSOR KIT

### 7.1 PREPARING THE SPRING COMPRESSOR KIT - FIGS. 1 - 5

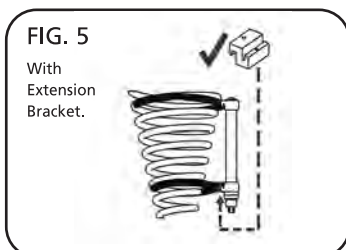
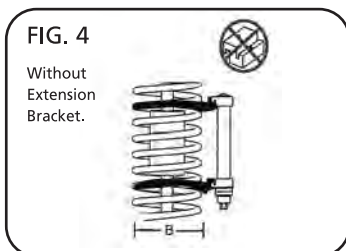
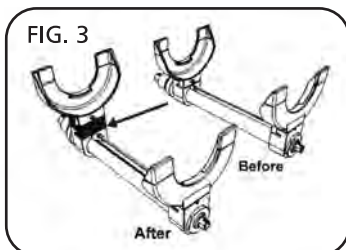
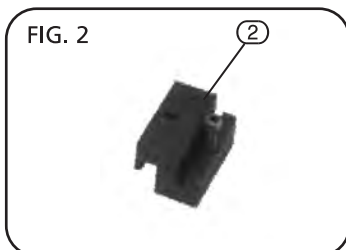
- i. Choose a suitable pair of jaws.
- ii. Screw and fasten the jaws onto the main body.
- iii. Using a 21mm hex spanner tighten the main body axle clockwise to compress coil spring.  
NOTE: To remove the tool, simply loosen and release coil spring.



### 7.2 HOW TO USE THE EXTENSION BRACKET - FIG 2.

Take the extended bracket provided (2) (if necessary).

Screw and fasten between the main body and the required jaw. FIG.3.



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