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Original Instructions
Version 1

DRAPER[®]

12 PIECE

OIL PRESSURE TEST KIT

35879



1. Preface

These are the original product instructions. This document is part of the product; retain it for the life of the product, passing it on to subsequent holders. Read this manual in full before attempting to assemble, operate or maintain this product.

This Draper Tools manual describes the purpose of the product and contains all the necessary information to ensure its correct and safe use. Following all the instructions and guidance in this manual will ensure the safety of both the product and the operator and increase the lifespan of the product.

All photographs and drawings within this manual are supplied by Draper Tools to help illustrate correct operation of the product.

Every effort has been made to ensure the information contained in this manual is accurate. However, Draper Tools reserves the right to amend this document without prior warning. Always use the latest version of the product manual.

1.1 Product Reference

User Manual for: 12 Piece Oil Pressure Test Kit

Stock No: 35879

Part No: CTEOP

1.2 Revisions

Version 1: April 2024

First release

As our manuals are continually updated, always ensure that the latest version is used.

Please visit drapertools.com/manuals for the latest version of this manual and the associated parts list, if applicable.

1.3 Understanding the Safety Content of This Manual



WARNING! – Situations or actions that may result in personal injury or death.



CAUTION! – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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3. Product Introduction

3.1 Intended Use

This oil pressure testing kit is designed to accurately tests oil pump pressure, whilst also testing switch and warning indicators. Fitted with a spring-loaded pressure relief valve and integrated Schrader one-way valve system. Supplied in a plastic storage case.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

Read this manual in full before assembling, operating or maintaining this product, and retain it for later use.

3.2 Specification

Stock No.	35879
Part No.	CTEOP
Piston Stroke	1"³
Gauge Diameter	approx. 65mm
Gauge Pressure Range	0- 150PSI (0 – 10BAR)
Flexible Hose Length	1300mm
Flexible Hose Diameter	12mm

3. Product Introduction

3.3 Explanation of Symbols



Read the instruction manual



Pressure gauge range



Warning!



Pressure gauge range



Do not abandon in the environment



Flexible hose length

4. Health and Safety Information

Important: Read all the Health and Safety instructions before operating, maintaining or repairing this product. Failure to follow these instructions may result in injury or damage to the user, test kit or vehicle.

- Keep this product in good working order and condition. **DO NOT** operate if any parts are damaged or missing as this may cause failure and/or personal injury.
- **DO NOT** modify any parts and only use accessories and spare parts supplied by Draper Tools.
- **ALWAYS** ensure the engine is switched off and cold before connecting the tester.
- **DO NOT** move or drive the car while the tester is connected.
- Keep children and unauthorised persons away from the work area.
- Keep the work area clean and tidy and ensure that there is adequate lighting.
- **DO NOT** use the kit to perform a task for which it is not designed.

- **DO NOT** allow untrained persons to use the kit.
- **DO NOT** use whilst under the influence of drugs, alcohol or intoxicating medication.
- After use, clean equipment and store in a cool, dry, childproof area.
- **ALWAYS** wear eye protection and suitable hand protection.

4.1 Residual Risk

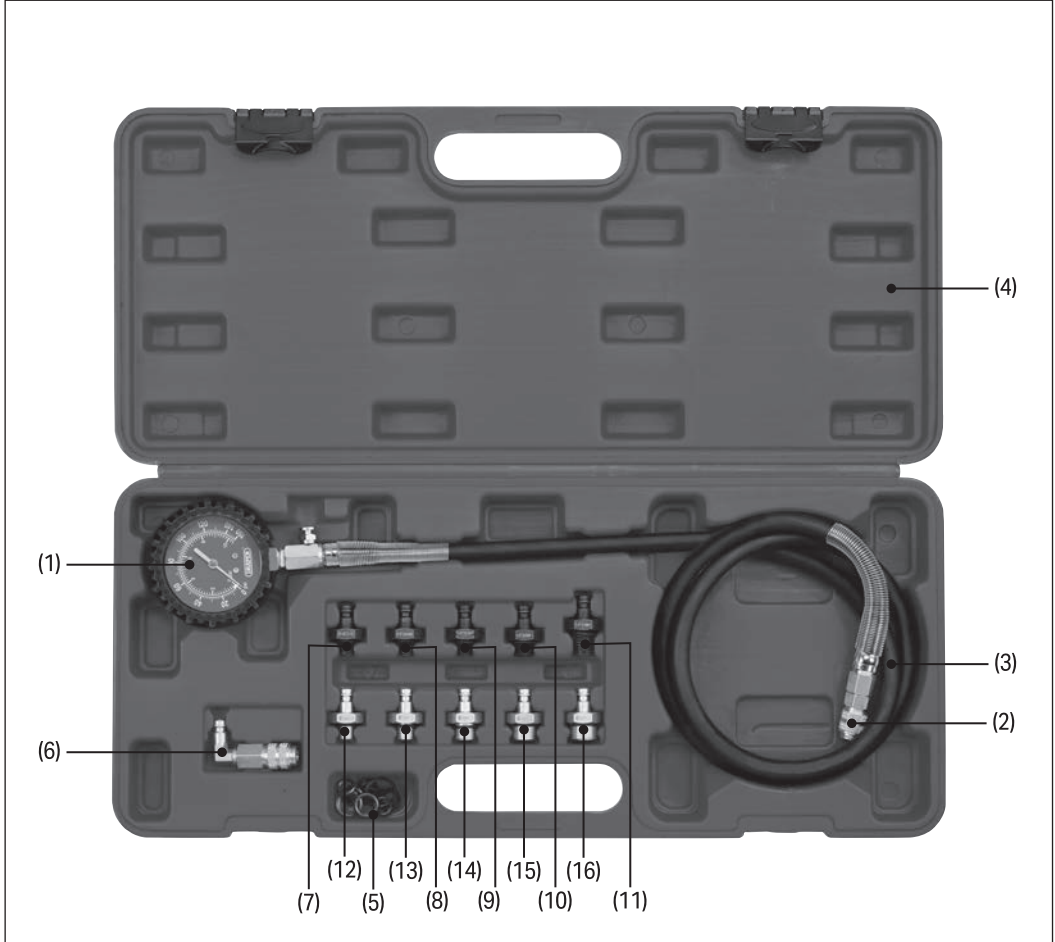
The safety instructions in this manual cannot account for all possible conditions and situations that may occur. Exercise common sense and caution when using this product and protect against any additional conceivable risks.

5. Identification and Unpacking

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment.

Before assembling the product, lay the contents out and check them against the parts shown below. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.

5.1 Product Overview



- | | | |
|--------------------------------|--------------------------|------------------|
| (1) Pressure Gauge | Threaded Adaptors | (11) 1/4 X 18NTP |
| (2) Bleed valve | (6) Right angled hose | (12) M10 X 1.0 |
| (3) Flexible hose | (7) 1/8 DIN2999 | (13) M12 X 1.5 |
| (4) Storage case | (8) 3/8 X 20UNF | (14) M14 X 1.5 |
| (5) 10 x spare 2.9mm 'O' rings | (9) 1/8 X 27NPT | (15) M16 X 1.5 |
| | (10) 1/2 X 20UNF | (16) M18 X 1.5 |

5.2 Packaging

Keep the product packaging for the duration of the warranty period in case the product needs to be returned for repair.



WARNING! Keep packaging materials out of reach of children. Dispose of packaging correctly and responsibly and in accordance with local regulations.

Please visit [drapertools.com](https://www.drapertools.com) for our full range of accessories and consumables.

6. Operations

Important: Before preparing or adjusting this product, read and understand all the safety instructions listed in this manual.

ALWAYS refer to the manufacturer's service manuals to ensure the correct testing procedures and specifications are followed.

1. Make sure the engine is switched off and cold before carrying out the test.
2. Remove the oil pressure sender unit or component to be tested and attach the appropriate adaptor.
3. Then attach the oil pressure tester and check that it is securely connected.
4. Start the engine and allow to idle for a few minutes until it reaches the correct operating temperature.
5. Observe the pressure gauge reading and check against the specified value in the manufacturer's service manual. The needle should be steady if no fault is evident.
6. Switch the engine off and allow to cool before removing the tester. Replace the oil sender connector securely.

7. Maintenance

- After use, clean and store in the storage case in a cool, dry, childproof area.

8. Spares, Returns and Disposal

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For spare parts, servicing, and repair and replacement options, please contact the Draper Tools Product Helpline for details of your nearest authorised agent.

Any servicing or repairs carried out by unauthorised personnel or installation of spare parts not supplied by Draper Tools will invalidate your warranty.

At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.



9. Warranty

12 months -
visit [drapertools.com/warranty](https://www.drapertools.com/warranty) for full details.

Contact Details

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