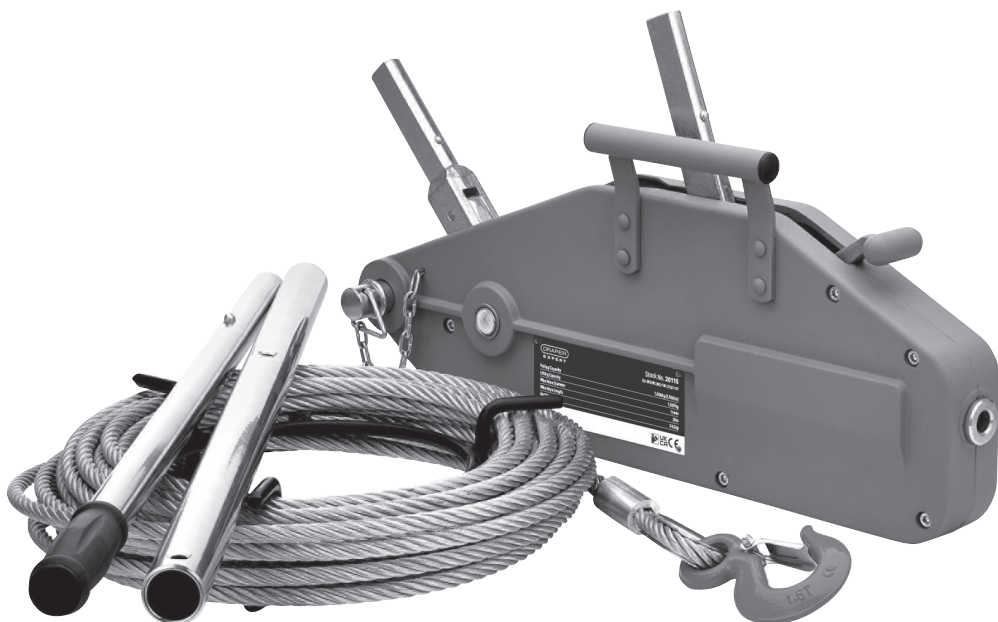


WIRE ROPE PULLER

20115



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.

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: Wire Rope Puller

Stock No: 20115

Part No: WRP16

1.2 Revisions

Version 1: December 2023

First release

Version 2: August 2025

Please visit drapertools.com/manuals for the latest version of this manual, 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 hand operated puller is designed for pulling and lifting vehicles, machinery and other similar objects.

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 the product, and retain it for future reference.

3.2 Specification

Stock No.	20115
Part No.	WRP16
Pulling Capacity	1600kg (3500lbs)
Lifting Capacity	1600kg
Net weight	24.9kg
Wire Rope Diameter	11mm
Wire Rope Length	20m
Puller Size (L x W x H):	556 x 120 x 270mm
Overall Handle Length	800mm
Handle Diameter	29mm

Important: Read all the Health and Safety instructions before operating, maintaining or repairing this product. Non-compliance with these instructions may result in injury or damage to the user, the product or the object/material being handled.

4.1 Explanation of Symbols



Read the instruction manual



Wear safety glasses



Wear protective gloves

4.2 General Health and Safety Precautions

- **WARNING!** Before using the Puller ensure you know how much load you are pulling or lifting and that it can move freely.
- **DO NOT** exceed the maximum capacity specified.
- **WARNING! DO NOT** operate the Puller if any parts are damaged or missing as they may cause a failure and/or personal injury. Inspect before each use and **DO NOT** use if the wire rope shows any sign of fraying, stress or other damage.
- Wear appropriate safety equipment during operation.
- Keep bystanders, children and animals away from the operating area. Distractions can result in loss or any control of the Puller.
- **DO NOT** use the Puller if you are tired or under the influence of drugs, alcohol or medication.
- Take care when moving the Puller as the unit is heavy.
- **DO NOT** feed the wire rope from the anchor pin end of the Puller.
- **DO NOT** use any other device as a lever. Only use the handle supplied.

- Never operate the release lever while the Puller is under load.
- **DO NOT** operate both levers at the same time.
- **WARNING!** Never stand or work on or under the item being pulled or lifted.
- **DO NOT** let the load twist or swing during operation.
- **Only replace the wire rope with the correct capacity recommended by Draper Tools.**

4.3 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.

Important: Before operating this product, read and understand all the safety instructions listed in this manual. Ensure that the product is fully assembled and correctly prepared for use.

6.1 Assembly

NOTE: Take care when lifting as the product is heavy.

Inserting the wire rope (fig.1 – fig.2)

Note: for the first 10 – 15 operations the release lever (A) will be difficult to operate. This is normal and will ease with use.

- To open the internal jaws, hold both the release lever (A) and reverse handle (B). Then push down and slide forward until the release lever locks into position.
- Insert the wire rope into the feed guide (C) and direct it through until it runs above the anchor pin. Pull the rope through to take up any slack, then push the release lever (A) back down to unlock. Use the forward handle (D) to feed the wire rope through.

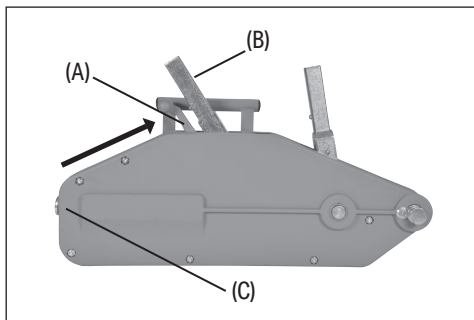


Fig. 1

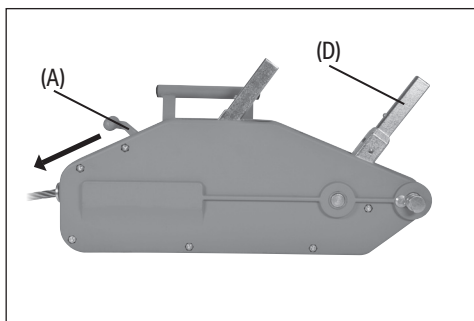


Fig. 2

Anchor Pin Fitting (fig.3)

- Ensure the Puller is secured to a suitable anchor point which can take the capacity load specified.
- Pass the anchor pin (E) through the housing. To secure rotate the pin and push to fully lock in place (G).
- For additional safety, if required, secure by fitting an appropriately sized clevis pin (not supplied) through the small hole (F) in the pin.

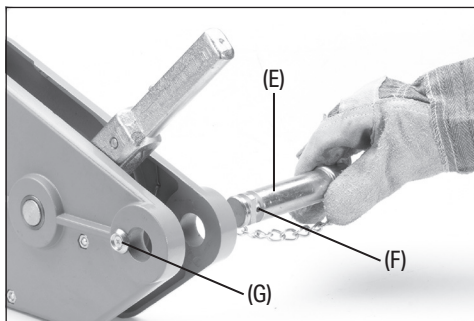


Fig. 3

6. Operation & Use

6.2 Fitting The Handle (fig.4)

- Connect the parts of the handle together and select the length required (H).
- Fit the extendable handle to either the forward or reverse handle by aligning the groove at the end of the handle shaft with the notch and twist to lock in place.

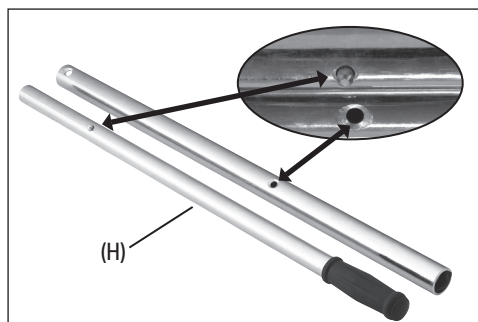


Fig. 4

6.3 Pulling/Lifting A Load (fig.5)

- **Forward operation** – fit the extendable handle to (I). Move the handle back and forth to pull the wire rope through the Puller.

Note: For safety the lever is fitted with a shear pin. If the load exceeds the maximum capacity the pin will break. Refer to the Draper Tool website for a suitable replacement part.

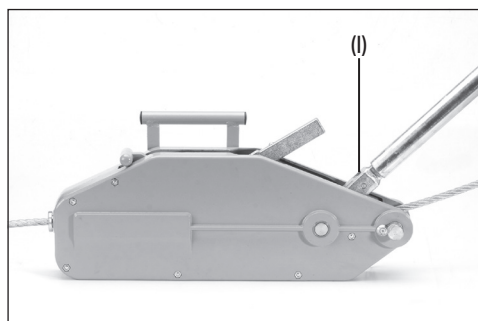


Fig. 5

6.4 Lowering A Load (fig.6)

- **Use reverse operation** – fit the extendable handle to (J). Move the handle back and forth to push the wire back through the puller.

Note: To remove the wire rope completely, the release lever must be locked forward.

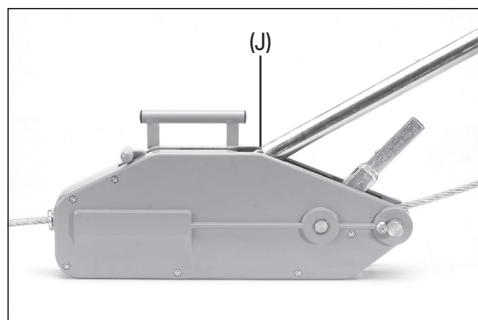


Fig. 6

Maintenance and Troubleshooting

6.5 General Maintenance & Storage

- After use, wind the wire rope back onto the reel. Wipe off any dirt and inspect for any damage that may have occurred during the pulling process.
- When the Puller is not being used, unlock the release lever and store in a safe, dry and childproof location. Wipe over with a slightly oiled cloth.

7. Spares, Returns and Disposal

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

Draper Tools will endeavour to hold any spare parts, if applicable, for seven years from the date that it sells the final matching stock item.

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.

8. Warranty

Draper Tools are guaranteed for 12 months to be free from defective materials and workmanship. Full details of the guarantee periods can be found on the Draper Tools Website.

Should the tool develop a fault within the guarantee period, return the complete tool to the place of purchase or contact Draper Tools directly. Proof of purchase must be provided.

This guarantee does not apply to any consumable parts or normal wear and tear.

It also does not cover any damage caused by misuse, careless or unsafe handling, modifications, or repairs carried out by any personnel other than an authorised Draper Tools repair agent.

Please note that this guarantee is in addition to and does not affect your statutory rights.

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