



INSTRUCTIONS FOR:

HAND POWER PULLERS

Model No's: HP1000.V2, HP1500.V2

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 & CAUTIONS. USE THE 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

- ✓ Familiarise yourself with the application, limitations and potential hazards of the puller.
- ❑ **WARNING! Hand power pullers are not designed or certificated for lifting or slinging loads. They are intended only as pulling / tensioning devices and must only be used as such, with care.**
- ✓ Ensure the puller is maintained in a safe working condition. Inspect the cable regularly. Check for fraying, kinks, broken strands or distortion. Check all component parts, do not use if damaged, but contact an authorised service agent.
- ❑ **WARNING! Ensure you know how much load you are pulling. Never exceed the maximum pulling capacity. Take into account any angle of incline over which the load must be pulled. Also account for pulling loads from thick mud, or through snow or water. Chock the wheels of vehicles to be winched and only then release any brakes and place gears in neutral. Ensure the load is capable of free movement before pulling. Take up the strain on the puller before removing the wheel chocks from a vehicle.**
- ✓ If necessary fit an adequate sling, eyebolt or other accessory to the load. Ensure that any accessories are equal to, or exceed maximum capacity of puller.
- ✓ Ensure that there is positive engagement of the puller hooks with the load and anchor point before pulling. Also ensure that the safety latches on all hooks are correctly closed against the hook points.
- ✓ Maintain correct balance and footing whilst using the puller.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and contain and/or tie back long hair.
- ✓ Keep children and non-essential persons away from the operating area. Be aware of the location of other persons assisting you.
- ✓ Take necessary precautions to protect your personal safety whilst using the puller.
- ✓ Apply even and steady pressure to the handle when releasing the tension from the load. **DO NOT** move the handle abruptly.
- x **DO NOT** operate the puller if any parts are damaged or missing as this may cause failure and/or personal injury.
- ❑ **WARNING! DO NOT exceed the maximum pulling capacity.**
- ❑ **WARNING! DO NOT use the puller as a lifting device. DO NOT use the puller for any purpose other than that for which it is designed.**
- x **DO NOT** pull the cable over or around a corner.
- x **DO NOT** wrap cable around any object or hook the cable back on to itself.
- x **DO NOT** operate the puller with less than **three** wraps of cable on the spindle.
- ▲ **DANGER! DO NOT use a "cheater" pipe, lever, or other device to lengthen the handle for additional leverage, as the pulley may fail, causing damage and/or personal injury.**
- x **DO NOT** operate the puller if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ Keep the puller clean and store in a safe, dry, childproof location when not in use.

2. INTRODUCTION & SPECIFICATIONS

These hand operated devices are perfect for moving vehicles, logs, machines and other heavy objects. Vehicles must be in a condition capable of acting as a rolling load within the rated capacity. Each puller is delivered ready for use with cable already installed. Both models fitted with ratchet safety devices. Model HP1500 is equipped with double ratchet safety device and double ratcheting mechanism for applying the load evenly and with minimum effort. Side frames are manufactured in one piece from best quality steel and zinc chrome plated for long term corrosion resistance. Perfect for marine, industrial and automotive applications.

SPECIFICATIONS

Model No:	HP1000.V2	HP1500.V2
Pulling Capacity	1000kg	1500kg
Breaking Strain	2000kg	4000kg
Chassis Thickness	3mm	6.0mm
Gear/Pawl Type	Double/Single	Double/Double
Cable Ø / Length	4.8mm / 2.6m	5mm / 3m
No. of Hooks	2	3

Note: Pulling capacity is given as a rolling load on a level surface. Exercise extreme caution and do not overload, particularly on "deadweight" loads.

3. OPERATING INSTRUCTIONS

3.1. ATTACHING PULLER TO LOAD AND ANCHOR

- ❑ **WARNING! Ensure that you read, understand and apply Section 1 Safety Instructions before using the puller.**
Refer to figs.1 and 2.
- 3.1.1. Secure one hook to a rigid anchor which is strong enough to take the strain of the load to be pulled.
- 3.1.2. Depress the drive pawl spring lever in the direction of A, to disengage the pawls from the ratchet wheels.
- 3.1.3. Move handle in the direction of C and hold firmly, then pull stop pawl lever in the direction of D, at the same time pulling the puller away from the anchor point until the required slack in the cable is obtained. Ensure there are always at least **three** wraps of cable on the spindle.
- 3.1.4. Secure the other hook to the load, release the pull stop pawl lever.
NOTE: HP1500 only - hook (fig.2 F) can be unhooked and pulled straight out and attached directly to the load to gain extra length, **but pulling capacity will be halved.**

3.2. PULLING THE LOAD

☐ **WARNING! DO NOT overload the puller. Note the pulling capacity in the Specification in Section 2.**

3.2.1. Engage the drive pawls in the ratchet wheels by pushing drive pawl spring lever in the direction of B.

3.2.2. Pull the handle repeatedly back and forth to wind in the cable and firstly to take up any slack and then to pull the load.

3.3. RELEASING THE TENSION

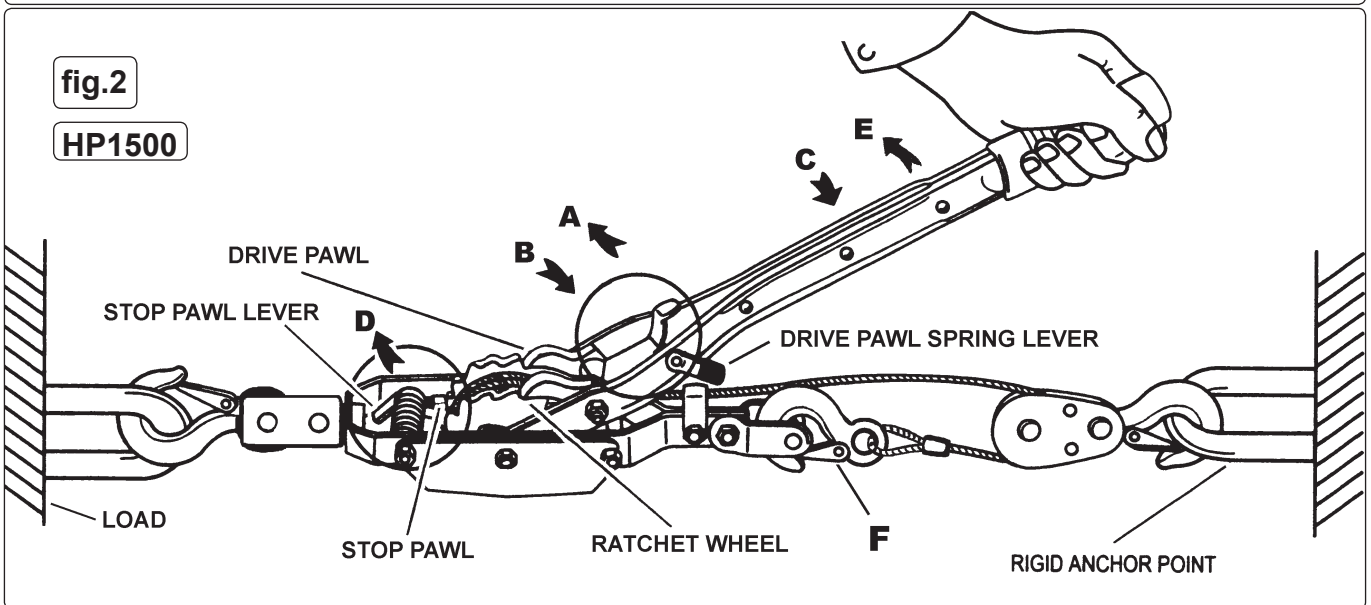
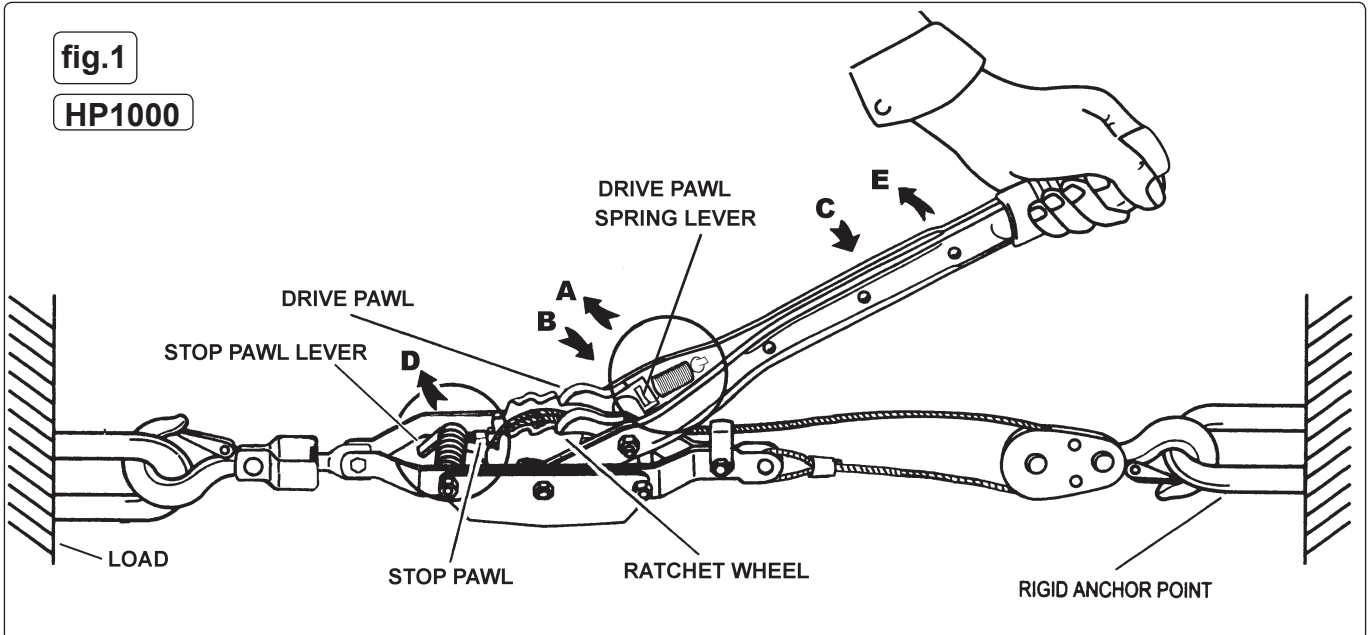
☐ **WARNING! Avoid abrupt handle movements, apply pressure to handle evenly and steadily.**

3.3.1. Depress the drive pawl spring lever in the direction of A.

3.3.2. Very carefully and slowly move handle in the direction of E until drive pawl pushes and disengages the stop pawl to clear the ratchet teeth. Moving the handle back in the direction of C will release the load by one notch.

3.3.3. Repeat this handle motion as required to release the tension one notch at a time.

3.3.4. When all tension has been fully released from the cables, check that the load is stable and safe before detaching the puller.



4. MAINTENANCE

4.1. **CLEANING.** Clean the puller after each use and wipe with a slightly oiled cloth. Store in a safe, dry, childproof location.

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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