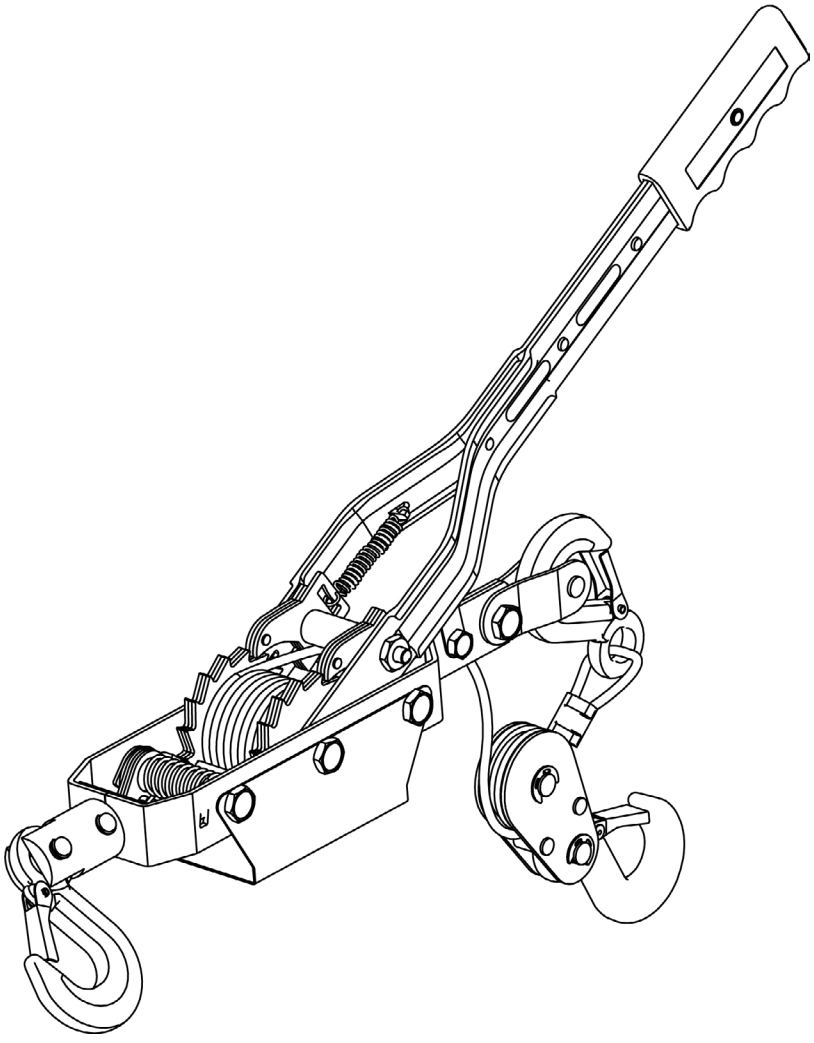
CABLE PULLER 4 TONNE



TSCP40

www.thetoolshed.co.nz

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Thank You

For the purchase of this ToolShed product. We try our hardest to supply customers like you with the best quality products available, at the best price possible. We cant wait to continue working together in the future.

Please contact us for any servicing, replacement parts, or questions you might have about your ToolShed product by visiting our website, or calling: 0800 948 665.

Intended Use

This multi-purpose tool is ideal for lifting, lowering, pulling, and stretching, and can be used in farming, gardening, machine shops, camping, boating, travelling, hobby workshops, trucking, fencing, hunting, and sports.

PRODUCT DETAILS

Product Model	*ToolShed Cable Puller 4 Tonne*
Product Code	*TSCP40*

DISTRIBUTED BY:

Note:

This manual is for your reference only. Due to the continuous improvement of the ToolShed products, changes may be made at any time without obligation or notice.

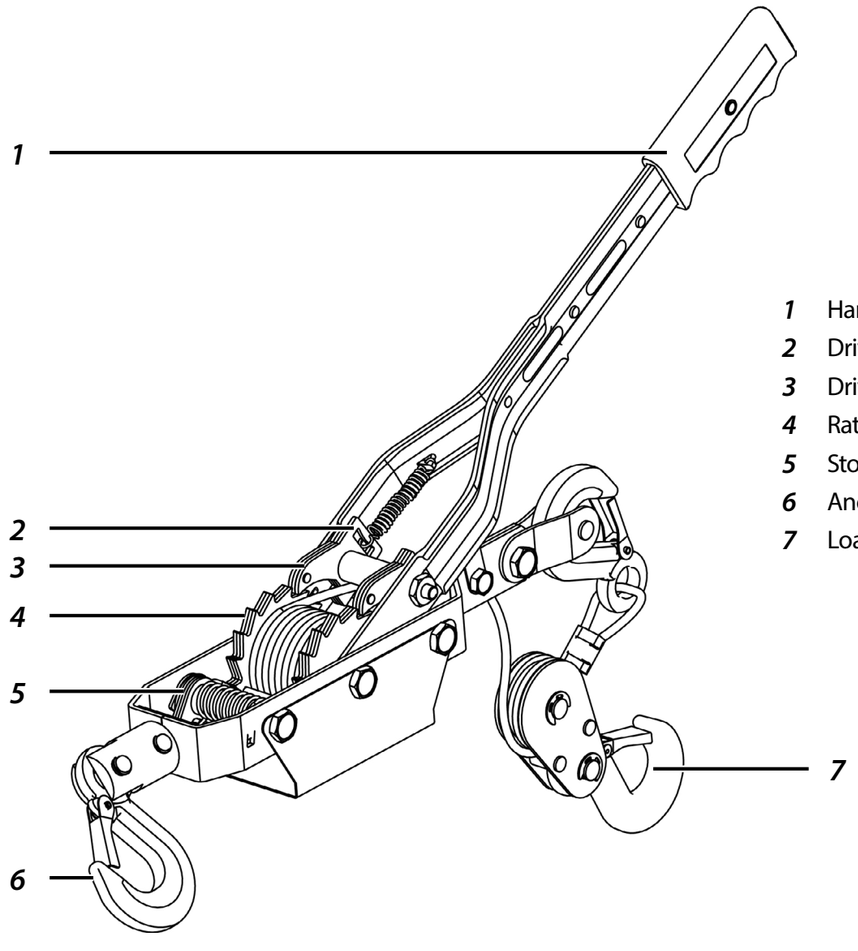
Warranty:

This product may be covered under The ToolShed warranty. For more information, see our Terms & Conditions at www.thetoolshed.co.nz

SPECIFICATIONS

Capacity	4 tonne
Cable Diameter	4.0mm
Leverage	15:1
Ratchet	Double

PRODUCT IDENTIFICATION



1 Handle
2 Drive Pawl Release
3 Drive Pawl
4 Ratchet Wheel
5 Stop Pawl Spring Trigger
6 Anchor Hook
7 Load Hook

SAFETY GUIDELINES

WARNING

READ ALL SAFETY WARNINGS & INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire.

Work Area Safety

- **Ensure that your work area is kept clean and well lit.** Lack of visibility and clutter greatly increase the risk of accident when using tools.
- **Keep bystanders, pets, and children clear when operating this power tool or machine.** They can cause distraction or risk injury to themselves.
- **Ensure you are not operating the power tool or machinery in the presence of dust, liquids, flammable gases, or anything that can create an explosive atmosphere.** Power tools and machinery can create sparks which can lead to ignition and fire hazards in working environments.

Personal Safety

- **Always wear personal protective equipment (PPE).** Eye protection, ear protection, dust masks, and other protective equipment will help to reduce the risk of personal injury or long-term illnesses.
- **Dress appropriately. DO NOT wear loose clothing that can get caught in moving parts.** Keep hair, loose clothing, jewellery, and anything else that could be of risk, away from moving parts in the machine, or they could become caught therein.
- **Always remain alert and DO NOT operate machinery under the influence of any substances such as alcohol or drugs, including prescription medications.** Lack of focus could lead to injury or accidents while operating these tools and machinery.
- **Always ensure proper footing and balance.** Overreaching can lead to slipping and falling which can result in injury or accident.
- **Ensure loose parts such as wrenches or adjusting keys are removed before starting the power tool or machinery.**

Always Use Common Sense

- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. If you get into a situation where you feel unsafe, stop and seek expert advise. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!
- **Do not let familiarity gained from the frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

Service

- **Have your tools and machinery serviced at The ToolShed with ToolShed replacement parts.** This will ensure that the safety of the power tool or machine is maintained.

SAFETY GUIDELINES

Cable Puller Specific Safety

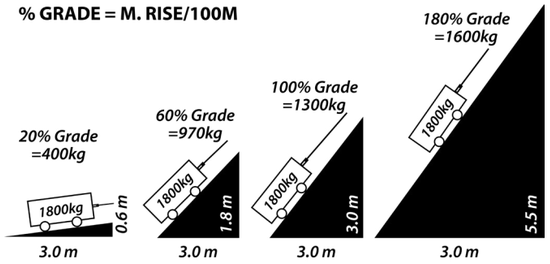
- Do not force the cable puller. Products are safer and do a better job when used in the manner for which they are designed. Plan your work, and use the correct product for the job.
- Check for damaged parts before each use. Carefully check that the product will operate properly and perform its intended function. Replace damaged or worn parts immediately. Never operate the product with a damaged part.
- Store the product when it is not in use. Store it in a dry, secure place out of the reach of children. Inspect the tool for good working condition prior to storage and before re-use.
- Use only accessories that are recommended by the manufacturer for use with your product. Accessories that may be suitable for one product may create a risk of injury when used with another tool. Never use an accessory that has a lower operating speed or operating pressure than the tool itself.
- Do not exceed the rated load capacity of 4 tonnes.
- Do not use for vertical lifting.
- Do not use to transport people or animals.
- Inspect the cable puller before each use. Do not use if is damaged or malfunctioning in any way.
- Inspect the rope before each use. Only operate the cable puller when the rope is in good working condition. Do not use if the rope is twisted, kinked, or damaged.
- When servicing, use only identical replacement parts.
- Do not wrap cable around any object and hook it back on itself.
- Do not use a "cheater" pipe or other device to lengthen the handle for additional leverage. This will damage the puller.
- Do not operate the puller with less than 3 wraps of cable on the spindle.
- Not for use by or around children.
- Do not pull more than rated load. Be aware of dynamic loading! Sudden load movement may briefly create excess load causing product failure.
- Do not operate while puller restricted from forming a straight line with loading direction.
- Do not operate puller with twisted, kinked, or damaged wire rope. Inspect wire rope carefully before every use.
- Do not operate a damaged or malfunctioning puller. Inspect puller carefully and test operation before every use.
- Do not use for vertical lifting. Do not lift people or lift loads over people. Falling loads can injure or kill people.
- Do not operate puller with a lever extension.
- Do not operate with rope not centred in its groove.

Before Each Use

- Inspect the general condition of the cable puller. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, damaged electrical wiring, and any other condition that may affect its safe operation.

OPERATION

Examples of Load

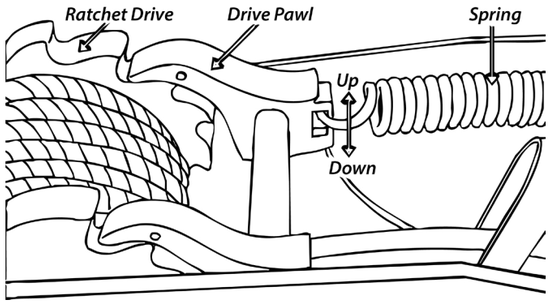


Do not exceed 180% grade when pulling any weight load. This product is not designed for lifting.

IMPORTANT: These figures do not account for friction. Loads without wheels will require significantly more force to move. In such cases, the maximum load must be reduced from the 1800 kg example.

Releasing the Cable

- Pull the Drive Pawl Spring (2) on the lever handle (1) to the up position to disengage the main Ratchet Drive (4).



- Attach the Load Hook (7) to your load. Squeeze the Stop Pawl Trigger (5). This will allow the cable to run free. Walk with the cable puller to reach the anchor point. Once in position release the Stop Pawl Trigger and ensure it is fully engaged back into the Ratchet sprocket cam.
- Connect the Anchor Hook (6) to the anchored point you will be pulling from.

Pulling the Load

- To engage the drive, push the Drive Pawl Spring (2) into the down position and the main Ratchet Drive Pawl (3) will engage in the Ratchet Drive sprocket (4). Begin ratcheting by cranking the lever handle backwards and forwards. The load is pulled on the stroke when the handle cranks towards the anchor point.
- Swing the lever handle back and forth until the load has been pulled to the desired position.
- Secure the load so it will not move when you release the tension on the cable.

Releasing the Tension After Pulling

- To loosen the cable, push the Drive Pawl Spring (2) into the up position to disengage the main Ratchet Drive (4).
- Swing the Lever Handle (1) fully over to the Anchor Hook Side of the puller to force the spring loaded Stop Pawl mechanism pin down (5) then slowly raise the Lever Handle. This action will allow the cable drum to back off by one cam step at a time. Repeat this action as needed until the cable tension is released. As the cable tension is eased squeeze up the Stop Pawl Trigger (5) to release it from the cam and gently pull back on the puller to loosen the cable further.
- To help avoid tangling the cable when rewinding on to the drum, leave the Load Hook attached to the load and push the Drive Pawl Spring into the down position. Hold the Anchor hook in one hand and gently pull against the load, while operating the Lever Handle (1) back and forth to rewind the cable neatly back on to the drum.

MAINTENANCE

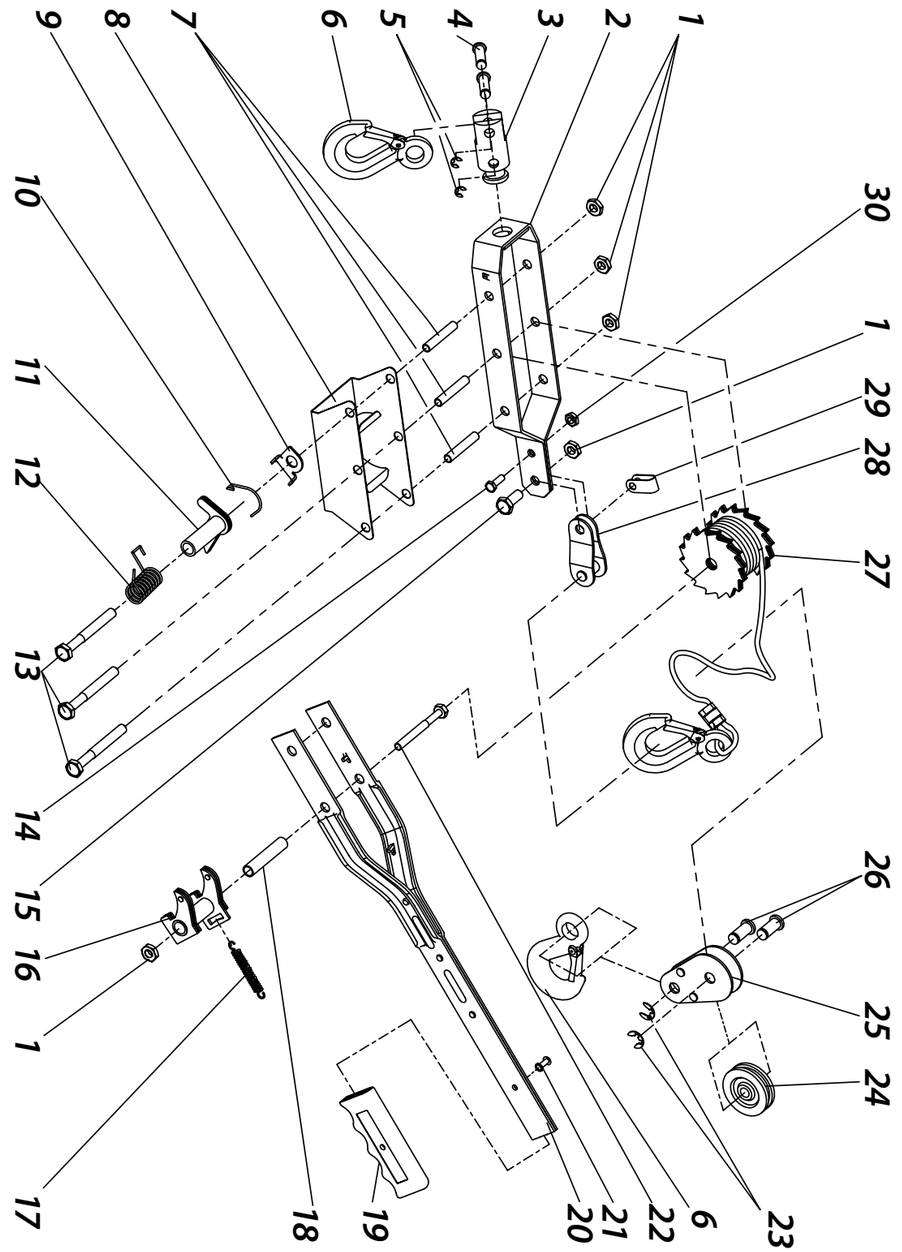
- Maintain the cable puller by adopting a program of conscientious repair and maintenance in accordance with the following recommended procedures. It is recommended that the general condition of any tool be examined before it is used. Keep your tool in good repair. Keep handles dry, clean, and free from oil and grease. The following chart is based on a normal operation schedule.

Maintenance Interval	*Maintenance Point*
Daily before operating	Routinely check the free movement of the stop pawl trigger, drive pawl, and the load hook safety latches.
After the first 20 operating hours	Lubricate the cable puller at the following points: • Drive Pawl • Hanging Pulley • Anchor Hook • Stop Pawl Trigger • Load Hook

Environment & Disposal

- Packaging materials are raw materials and can be re-used. Separate the different packaging materials and take them to the appropriate waste disposal facility. More information can be obtained from your local authorities.
- Old machines do not belong in your household garbage! Dispose of old machines appropriately, we are all responsible for the environment.

TSCP40 EXPLODED VIEW & PARTS LIST



1	Nut M10	x5
2	Frame	x1
3	Connector Assembly	x1
4	Pin Ø10x40mm	x2
5	Side-Mount External Retaining Ring Ø8mm	x2
6	Hook Assembly	x2
7	Axle Sleeve Ø13x1.5x70mm	x3
8	Base Assembly	x1
9	Fixed Sheet Metal	x1
10	Retaining Metal Wire	x1
11	Positioning Palt Assembly	x1
12	Torsion Spring	x1
13	Hex Screw M10x95mm	x3
14	Hex Screw M8x25mm	x1
15	Hex Screw M10x25mm	x1
16	Ratchet Block Assembly	x1
17	Return Spring	x1
18	Axle Sleeve Ø13x1.5x60mm	x1
19	Handle Grip	x1
20	Handle Assembly	x1
21	Rivet Ø6x10mm	x1
22	Hex Screw M10x85mm	x1
23	Side-Mount External Retaining Ring Ø10mm	x2
24	Roller	x1
25	Roller Housing	x1
26	Pin Ø10x30mm	x2
27	Cable Assy & Capstan	x1
28	Link Connection for Hook	x1
29	Guide	x1
30	Nut M8	x1