

Rotary Folding Hoist

Line Tensioner Set Product Manual

TO SUIT MODELS:
Rotary 400, 450 and 500

 **IMPORTANT:** Read these instructions before assembly and use.

Line tensioner pack contains:

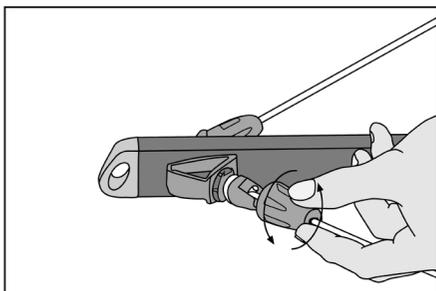
DESCRIPTION	QTY
Line Tensioner LH – Replacement	4
Line Tensioner RH – Replacement	4
Line Tie Off Cover	8
Screw	8

 **Important:** Protect your eyes when removing and replacing plastic components

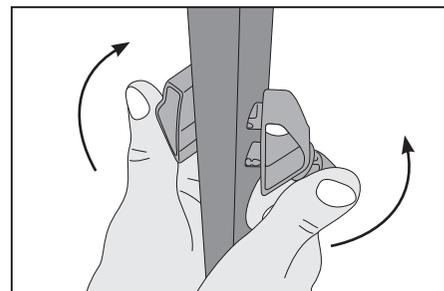
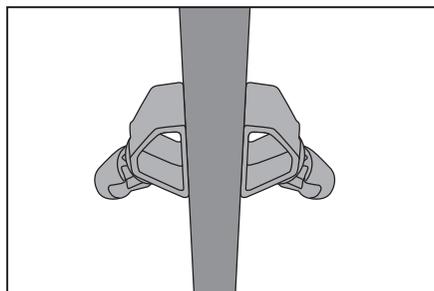
 **Note:** The tensioner pack contains enough to repair 4 individual lines.

To remove:

1. Open Hoist and lock into position.
2. Repair one line segment at a time.
3. Rotate the line cover anti clockwise until it is off of the line tensioner on one end. Repeat for the other end, which needs replacing.
4. Untie the PVC line from the tensioners. **NOTE:** Do not discard the line, as you will need to re use it.
5. Flex the tensioners in an upward motion to disengage. Remove tensioners from hoist arm. Discard tensioners and covers.



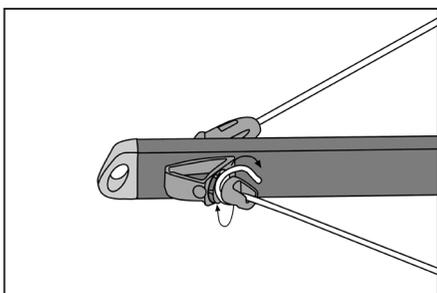
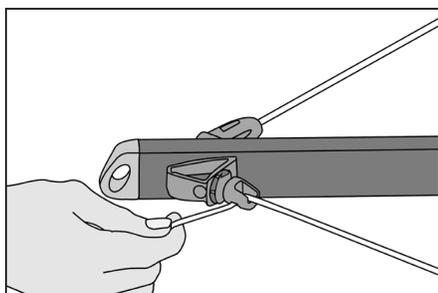
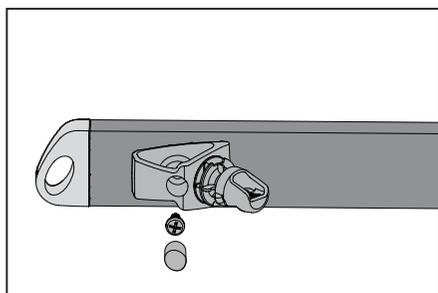
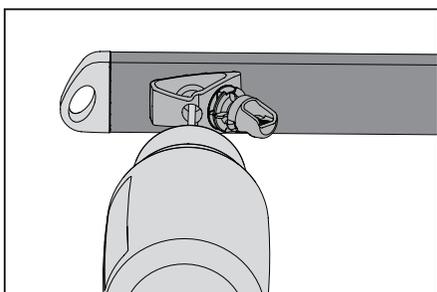
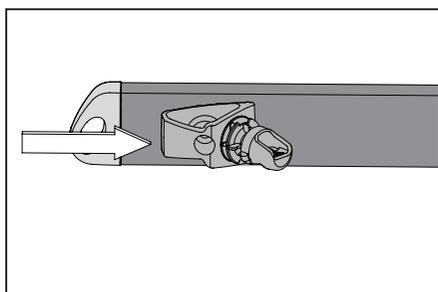
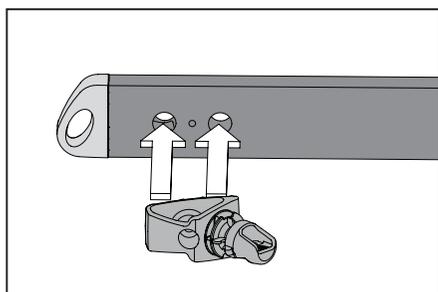
Remove the line cover by rotating anti-clockwise.



Flex the tensioners in an upward motion to disengage.

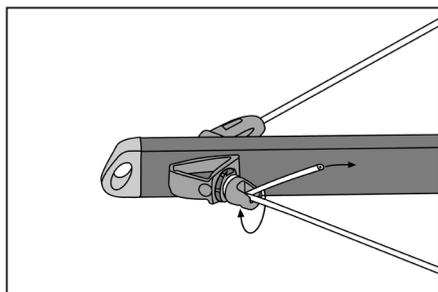
To replace:

1. Insert new tensioner into the two holes in the arm. The letter “T” should be facing the sky.
2. Push the tensioner forward towards the centre of the hoist until it is retained on the arm.
3. Using the hole in the centre of the tensioner, drill a 3.2mm pilot hole into the steel tubing.

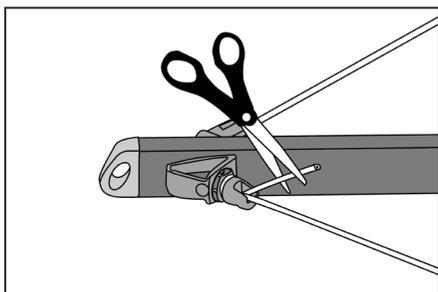


After unthreading the line from the tensioner, pull the line through tensioner until desired tension is reached.

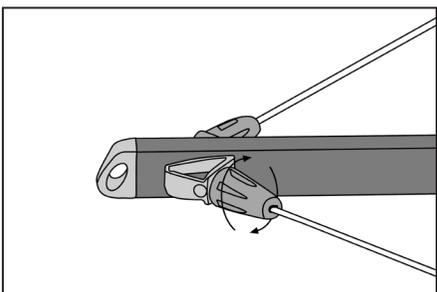
Loop line around back groove of the tensioner and pull tight to prevent line from slipping.



Feed the line up and through the front slot of the tensioner and pull tight.



Using scissors carefully trim off excess line, leaving approximately 10mm sticking out.



Re-attach line cover by rotating clockwise. This will obscure the small piece of excess line remaining.

4. Secure tensioner into arm using one of the screws supplied.
5. Fit plastic plug, which is attached to the end of the tensioner, into the screw hole once tensioner is secure.
6. Repeat the process to secure the opposing tensioner to arm.
7. Place the line covers back onto the PVC line. **Note:** Ensure they are on the correct way.
8. Fit PVC line to the line tensioner. Pull line through tensioner and secure. Re fit line cover.
9. Fit PVC line to the line tensioner opposite the one you have just done.
10. Pull line through tensioner and secure. Ensure line is tensioned and cut off excess. Re-fit line cover.
11. Repeat process for any other pairs of line tensioners that need replacing.

Hills Warranty

1. Hills provides consumers with the following warranty in relation to this Product, in addition to complying with the requirements of any relevant legislation, including the Competition and Consumer Act 2010 (Cth) in Australia and the Consumer Guarantees Act 1993 in New Zealand (the **Acts**), except where a New Zealand consumer acquires the relevant Product for the purposes of a business.

2. In this warranty, we have used the following definitions:

- (a) **Hills, our or we** means Hills Holdings Limited (ABN 35 007 573 417) of 159 Port Road Hindmarsh South Australia 5007;
- (b) **Products** means the following goods manufactured by Hills (including products manufactured for Hills by its contract manufacturers): **Hills Rotary 400, 450 and 500 Folding Hoist Line Tensioner Set**;
- (c) **Material** means a material or component used by Hills in the manufacture of the Products;
- (d) **Warranty Period** means 1 year from the date of purchase of the relevant Product. If the Product or part (as the case may be) is repaired or replaced, there will be no extension to the original warranty period; and
- (e) **Workmanship** means the handling, assembly and manufacturing processes performed by or on behalf of Hills in order to manufacture the Products.

3. Hills warrants that for the duration of the Warranty Period, all Products will be free of faults arising from defects in Workmanship or Materials, on the terms and conditions set out in this warranty.

4. Hills undertakes that if during the Warranty Period any Product, or any part of a Product, has failed to operate correctly due to faulty Workmanship or defective Material, it will repair or replace the Product or part (as the case may be) free of charge provided that the following procedure is met:

- (a) The consumer must contact Hills upon becoming aware of any defect to a Product. The contact details for Hills are set out in this warranty and under the heading "Hills Contacts".
- (b) Following consultation with Hills, Hills will determine whether there is a defect, and if so Hills agrees to (at Hills' option):
 - i. in the case of goods – repair, replace or supply equivalent goods, or pay the cost of any of those remedies to the consumer; or
 - ii. in the case of services – supply the services again or pay the cost of having the services supplied again.
- (c) If Hills requests the return of the applicable Product or part, Hills will be responsible for the collection and freight costs of returning that Product or part. The consumer agrees to assist Hills with any reasonable request to enable Hills to collect such Product or part.
- (d) Hills also agrees to be responsible for the freight costs to deliver any new Product or replacement part to the consumer.

5. This warranty is in addition to any non-excludable legal rights or remedies conferred on the consumer under any applicable Act and any similar laws. To the extent permitted by law, Hills' liability for any non-excludable condition or warranty is limited to rectifying any defect at its option, as set out in paragraph 4(b).

6. Subject to the requirements of any applicable Act or legislation and to the extent permitted by law, no liability (whether expressed or implied) of any nature whatsoever, is accepted by Hills for any consequential loss, damage or injury arising as a result of any fault in the Products.

- 7. This warranty does not extend to damage to Products which occurs during transit or transportation, or which is caused by any abuse, accident or improper installation, connection, use, adjustment or repair or use of goods otherwise than in accordance with instructions issued by Hills.
- 8. The warranty on Products is waived if any addition or attachment to the Products do not have Hills' specific approval or are not sold as Hills products. The Products are designed to perform specific tasks under established test loads and unauthorised attachments may produce stresses for which the design is not appropriate.
- 9. The following applies to consumers who purchased a relevant Product in Australia:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Hills Contacts

We are committed to providing you with complete customer satisfaction. If you have any questions or comments about our products or services please contact your nearest customer service centre during their local business hours:

Australia
1300 300 564
info@hills.com.au

New Zealand
09 262 3052
sales@hills.co.nz

United States
877 534 1371 (Eastern)
gsutterlin@verizon.net

Europe
+44 (0) 118 973 8971 (UK)
enquiries@greenergardensolutions.co.uk

South Africa
021 442 1540
info@stingray.co.za

Hills Websites

www.hills.com.au
Hills Branded Products

www.hillsholdings.com.au
Hills Holdings Limited



Designed and tested under a Quality System that meets Hills demanding quality specifications.

Made in China

Please retain this Product Manual. Record the following information for future reference.

Product Number (printed on label): FD.....

Date of purchase:

Name and location of store:

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Hills Holdings Limited
A.B.N. 35 007 573 417

Issue January 2012
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