

Manual for Winch Kit



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1 Validity, product images

Please read this entire manual carefully before installation or usage. This manual is valid for the following VersaChock products from 1st-Relief:

- Tilting Davit Winch Kit

Article number: 1st23VCWINCHKIT



Table 1 VersaChock Davit Versions

2 Specifications

The custom winch kit is designed specifically for use with VersaChock brand Tilting Davits. Assists loading dinghies onto tilting davits with the included hand operated winch. It is removable and easily installs with no tools by simply inserting the included square tube through the winch arms and into the tilting davit arms. Winch can be mounted on top or on backside of main support arms with included hardware.

2.1 Construction

- High Density Polyethylen (HDPE) main support arms
- Ratcheting hand winch with 610 cm (240 inch) x 4,76 cm (1 - 7 / 8 inch) strap
- Square aluminium tube 122 cm (48 inch) x 5,08 cm (2 inch)
- stainless steel hitch pins for retaining tube
- Maximum pulling capacity 160 kg (350 lbs)
- Designed for use with VersaChock brand tilting davits

3 Installation / Important Notes

Please note the following important notes:

- We strongly recommend that the product specification, use and installation be checked by a professional technician before purchase and that the installation is carried out by the same person.
- This manual is for advice only. THERE ARE TOO MANY HULL VARIATIONS IN ORDER TO SPECIFY AN EXACT INSTALLATION OR AN INSTALLATION LOCATION FOR EVERYONE.
- Not intended for use in extreme conditions (i.e.: high forces from water, wind, etc.)
- Before each use, make sure that the hitch pins of the support tube are securely inserted.
- Check the integrity of the hull, including hull thickness, chine and stringer locations, making sure proper support will be provided.
- Rinse with freshwater after each use, as saltwater and other contaminants can cause staining, even though we use the most corrosion resistant materials.
- Under no circumstances should person/s or animal be allowed in watercraft whether loading, or in stored position.
- Do not add additional gear, etc. that may subject the watercraft to be over the maximum weight capacity.
- Always pull drain plug when stored to prevent excess water to accumulate, which could cause excess weight.
- Be sure the attachment bolts are secure before each use.
- FAILURE TO FOLLOW THE ABOVE MAY RESULT IN DAMAGE, LOSS OR SERIOUS INJURY!

4 Tips for the operation of the tilting Davit

4.1 Get Familiar with your Davit

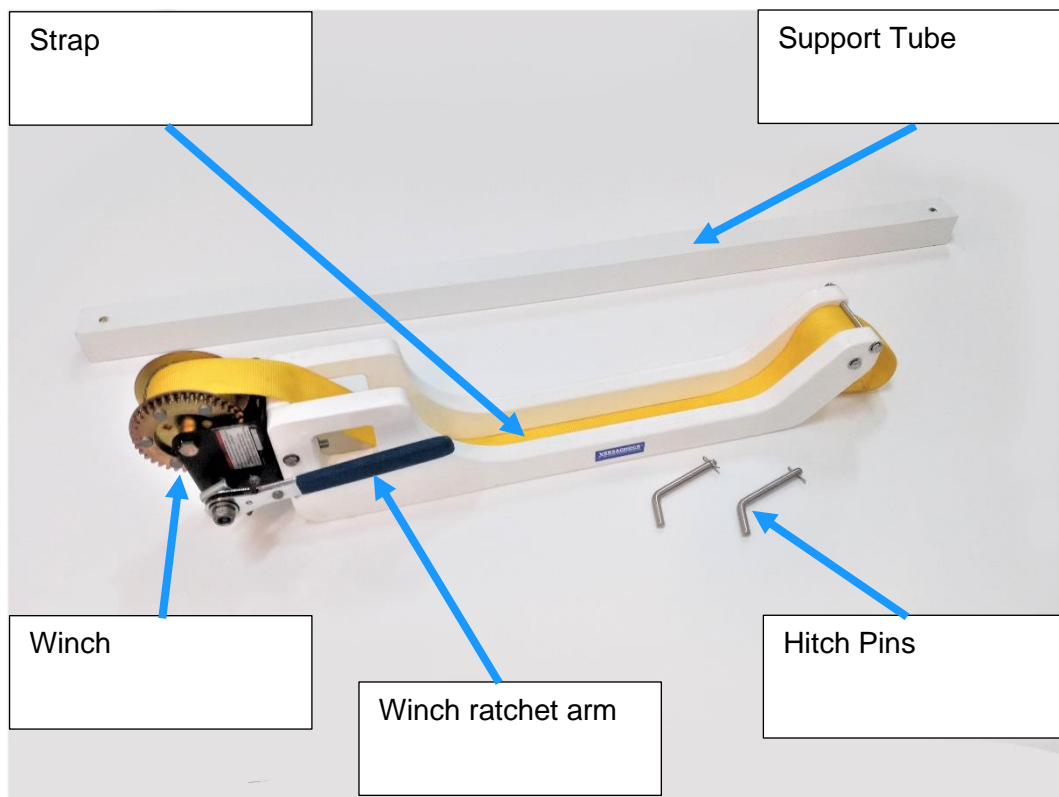


Figure 1 Winch Kit Parts

4.2 Using your Winch Kit

Please note the information from the previous chapters of this manual.

4.2.1 Winch Kit - Location

Winch can be located on top or on back of main support arms by removing bolts.

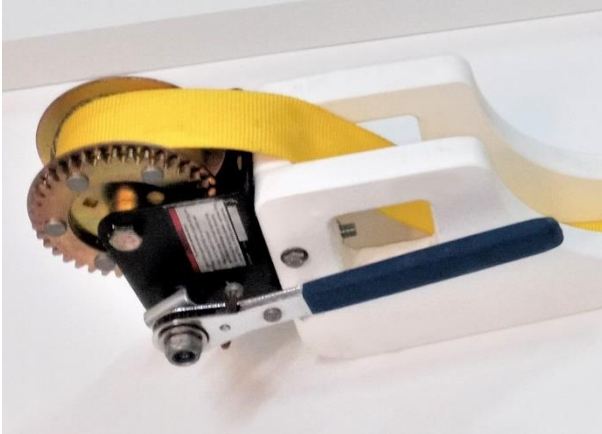


Figure 2 Winch Location

4.2.2 Insert Tube

Insert support tube through support arms.

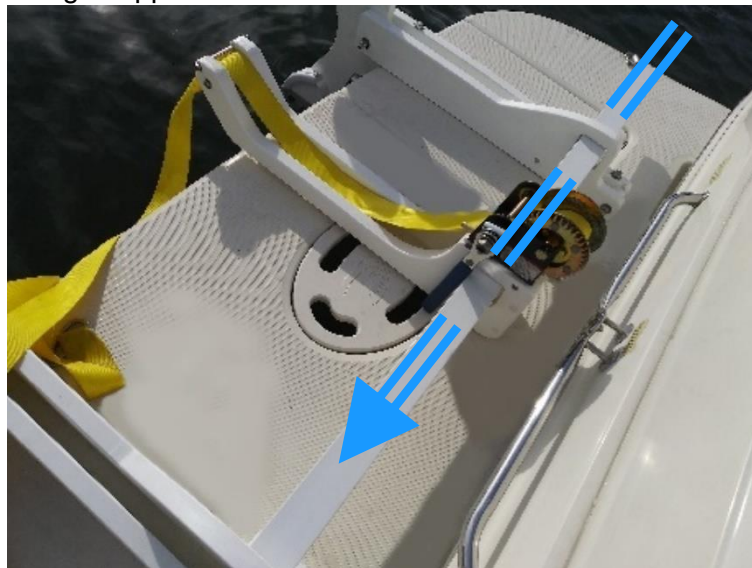


Figure 3 Insert Tube

4.2.3 Insert hitch pins

Insert support tube through davit arms and insert hitch pins to keep tube from slipping out.



Figure 4 Insert hitch pins

4.2.4 Attach Strap

Extend strap under dinghy, then around top of dinghy and attach strap to dinghy rope (or D-ring if equipped).

NOTE: attaching strap to side closest to boat, allows for easy attaching and removal of strap without having to reach over dinghy.



Figure 5 Attach Strap

4.2.5 Use ratchet arm

Use ratchet arm to assist loading dinghy onto davits

NOTE: Some manual assistance is typically required to load dinghy.



Figure 6 Use ratchet arm

4.2.6 Fixing the Davits

Tilt davits down, then reinsert hitch pins / lynch pins in each davit.



Figure 7 fixing of the Davits

4.2.7 Install tie downs Install the tie downs.



Figure 8 Tilt davits down

4.2.8 Enjoy Enjoy the usage of your tilting Davit.

5 Additional information, liability

5.1 Updates and other tips

For updates and additional tips, see:

<https://www.1st-relief.com/en/equipment-hardware/brackets-davits-load-securing-devices/>

5.2 Liability

Installation and use of this product are at the customer's own risk. We strongly recommend that the product specification, use, and installation be checked by a professional technician prior to purchase and that the installation be carried out by them.

Your safety and customer satisfaction are our top priority!

5.3 Acknowledgments

Thank you for choosing our products. Together with our manufacturer VersaChock, we strive to deliver the most innovative products of the highest quality. VersaChock products are manufactured by Jefferson Design Inc. of Tampa Bay Florida. We hope you will enjoy our products for many years to come. We look forward to your

Comments and feedback!

Your satisfaction is our number one priority! If you have any questions, please contact our customer service office@1st-relief.com