



MODEL H6168/H6169 MARINE WINCH w/STRAP INSTRUCTIONS

!WARNING

To reduce the risk of serious personal injury while using this winch:

1. Always wear ANSI approved eye protection when operating the winch.
2. Be sure the strap is not damaged. If the strap shows any signs of fraying or any other damage, do not use the winch.
3. Do not exceed the pulling capacities of the winch.
4. Do not stand in line with strap while operating the winch. If the strap breaks it will whip back along this line.
5. Keep all loose clothing, hair, jewelry and hands away from winch during operation.
6. Use a spotter to help ensure safety when using the winch. Be sure the spotter is out of the way of the vehicle and the strap before operating the winch.
7. Do not replace the strap with one of lesser strength.
8. Do not loop the strap around an object and back to itself. Use a chain or towing strap if necessary.
9. Do not use the winch to lift vertical loads. It is designed for horizontal loads only. Lifting vertical loads may cause the winch to fail and drop the load.
10. Do not use the winch to support loads for long periods of time.
11. Avoid dynamic loading caused by yanking or jerking of the strap. This may cause the winch to release its load.



Figure 1. Marine winch (H6169 shown).

If you need help with your new item, call our Tech Support at: (570) 546-9663.

Specifications

H6168 Horizontal Pulling Capacity	1000 Lbs.
H6169 Horizontal Pulling Capacity	1800 Lbs.
Strap	20' x 1/4" Steel
Ratchet	Two-Direction with Freewheel
H6168 Gear Ratio	5:1
H6169 Gear Ratios	1:1 and 5:1
Mounting Bolt Hole Size	3/8"
Bolt Grade	Grade 8

COPYRIGHT © OCTOBER, 2008 BY GRIZZLY INDUSTRIAL, INC.

WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE OR FORM WITHOUT THE WRITTEN APPROVAL OF GRIZZLY INDUSTRIAL, INC.

#JB11232 PRINTED IN CHINA

Mounting

The Model H6168/H6169 has holes in the base for mounting to most flat surfaces. The winch must be mounted for safe and effective operation. Be sure to check for wires before drilling into a trailer frame.

To mount the winch:

1. Place the winch in the desired position and mark the location of the mounting holes.
2. Remove the winch and $\frac{7}{16}$ " drill holes in the locations you marked in **Step 1**.
3. Use $\frac{3}{8}$ " diameter mounting hardware to secure the winch in place, as shown in **Figure 2**.

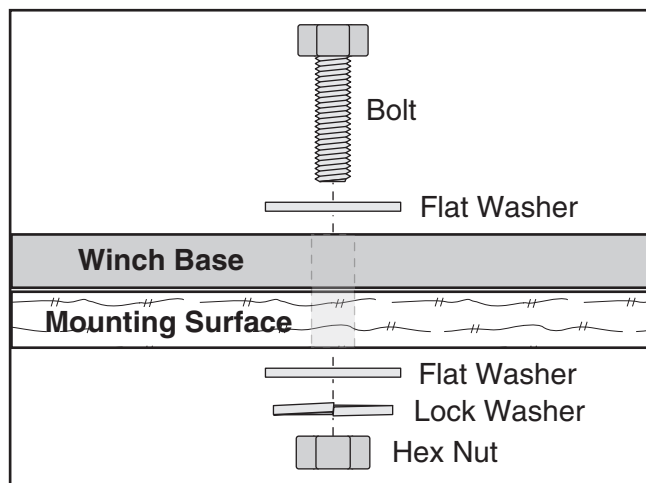


Figure 2. Example of a through mount setup.

Winching Direction

The Model H6168/H6169 has a three position ratchet control lever that controls the ratchet action of the winch.

To change the winching direction:

1. Firmly grasp the winch handle to prevent sudden movement.
2. Move the ratchet control lever to one of the three positions shown below (**Figure 3**).

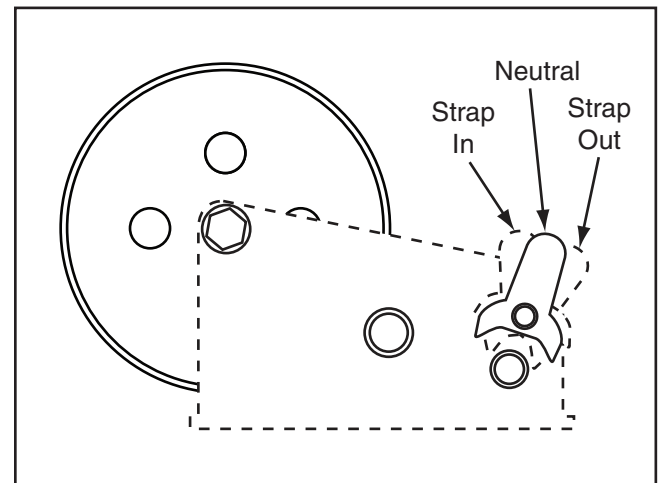


Figure 3. Ratchet control lever.

Strap In: Pulls the strap in. If the winch handle is released, the load will remain supported.

Neutral: Allows the strap to freewheel. If the winch handle is released, the load WILL NOT remain supported.

Strap Out: Feeds the strap out. If the winch handle is released, the load WILL NOT remain supported.

!WARNING

If the ratchet control lever is placed in the "Neutral" or "Strap Out" position and the winch handle is released, the load will drop. If the handle must be released for any reason before the load is completely supported by other means, move the ratchet control lever to the "Strap In" position before releasing the lever. Failure to do so may result in property damage and serious personal injury.



G6169 Gear Ratios

The Model H6169 has two available gear ratios. By placing the handle on one of the two shafts, you can change the gear ratio to a 4:1 or an 8:1 ratio.

To change the gear ratio:

1. Use **Figure 4** to determine which handle position is required for the desired ratio.

—If the handle is already placed in that position, no further action is required.

—If the gear ratio you want requires the handle to be repositioned, continue to **Step 2**.

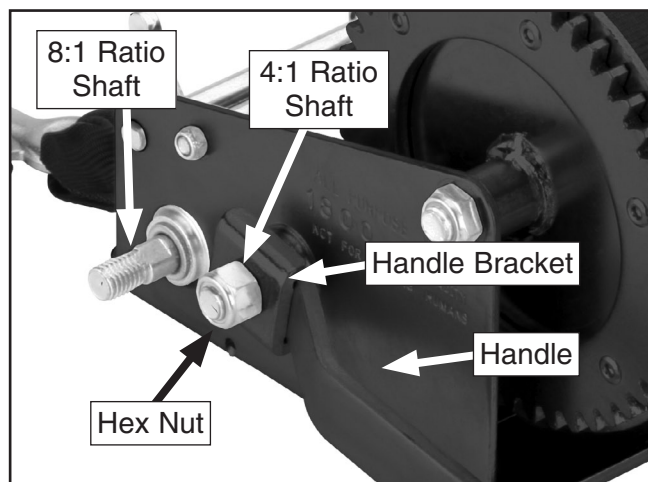
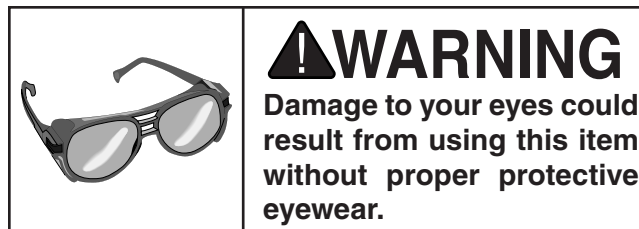


Figure 4. Gear ratios.

2. Remove the lock nut that secures the handle to the shaft.
3. Remove the handle and handle bracket, reposition them to the necessary shaft, making sure to align the flats on the shaft with the flats on the handle bracket, then replace the lock nut.



Operations

1. Move the ratchet control lever to the free-wheel position to feed slack until the strap hook reaches the load.
2. Hook the load, then move the lever to the winching position. Crank the handle to move the load. Once the load is secured by other means, release the hook from the load.



grizzly.com

TOOL WEBSITE

Buy Direct and Save with Grizzly® – Trusted, Proven and a Great Value!

*Visit Our Website Today And Discover
Why Grizzly® Is The Industry Leader!*

- SECURE ORDERING
- ORDERS SHIPPED WITHIN 24 HOURS
- E-MAIL RESPONSE WITHIN ONE HOUR

-OR-

Call Today For A **FREE**
Full Color Catalog

1-800-523-4777

