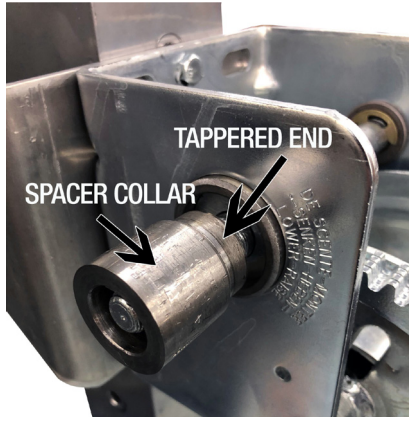
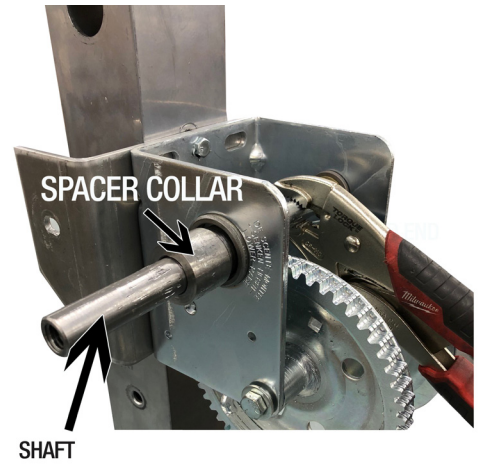


1. Lower the Boat Lift and Remove the Old Winch.
2. Remove Black Protective Cover from the New Winch.
3. Install the Bracket and New Winch as Shown Above. Mounting bolts are provided if you need them.



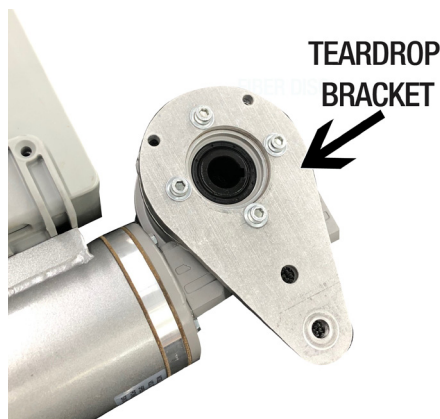
4. Install the Cable to the Winch.
5. Install the Spacer Collar with the Tapered End Closest to the Winch.



6. Install the Shaft into the Spacer Collar. Make Sure the Spacer Collar and Shaft are Tight. Use Vise Grip if needed.



7. Install the Fiber Disc.
8. Install the Protective Cover.



9. Install the Teardrop Bracket onto the Back of the Motor and Tighten.



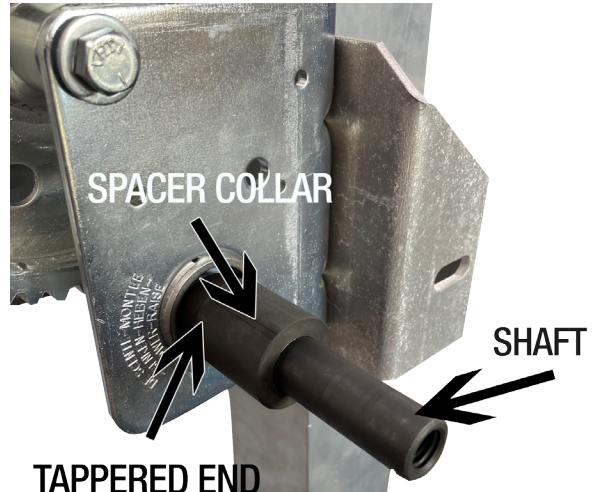
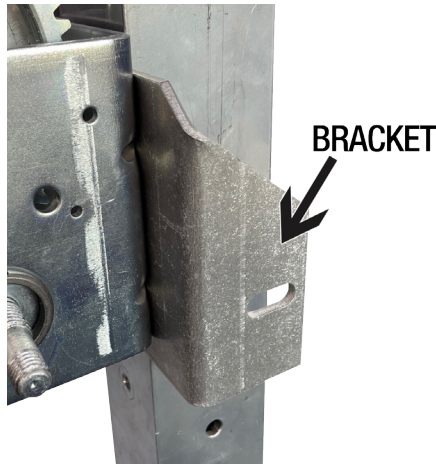
10. Slide Motor onto the Shaft. Install Bolt and Washer into Teardrop and Bracket. Tighten with Nut. Install Bolt and Washer into Motor and Tighten.

\*The PWC motor shows a keyway, but we do not use it for the installation. When the lift is going up the gear head bolt needs to be spinning clockwise. If it is not, there is a chance the motor will loosen itself over time and spin off.

AC Needs to be GFI Protected. Recommended extension cords up to 150 feet 12/3. You can only use one battery on the PWC DC.

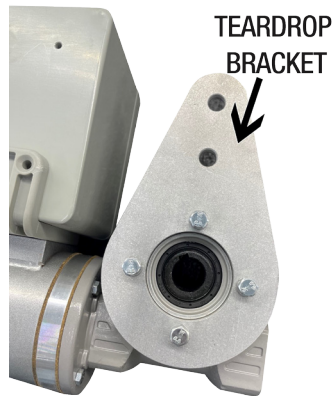
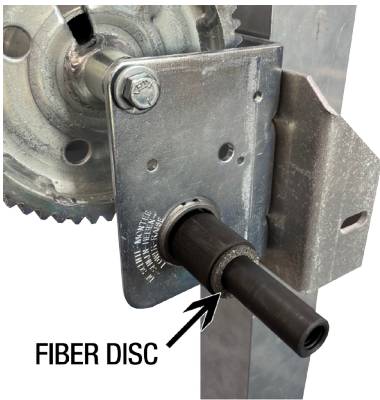
# PWC Installation Guide Winch Upside Down

MOUNTING BOLTS



1. Lower the Boat Lift and Remove Old Winch.
2. Remove Black Protective Cover from the New Winch.
3. Install the Bracket and New Winch as Shown Above. (Mounting Bolts Provided if Needed) Do Not Tighten the Drum Bolt as you Will Need to Remove it Again to Install the Protective Cover.

4. Install the Cable to the Winch.
5. Install the Spacer Collar with the Tapered End Closest to the Winch.
6. Install the Shaft into the Spacer Collar. Make Sure the Spacer Collar and Shaft are Tight. Use Vise Grip if needed.



7. Install the Fiber Disc.
8. Install the Protective Cover and Tighten the Drum Bolt.

9. Install the Teardrop Bracket With the Bolts Provided onto the Back of the Motor and Tighten.



10. Slide Motor onto the Shaft. Install Bolt and Washer into Teardrop and Bracket. Tighten with Nut. Install Bolt and Washer into Motor and Tighten.

\*The PWC motor shows a keyway, but we do not use it for the installation. When the lift is going up the gear head bolt needs to be spinning clockwise. If it is not, there is a chance the motor will loosen itself over time and spin off.

AC Needs to be GFI Protected. Recommended extension cords up to 150 feet 12/3. You can only use one battery on the PWC DC.