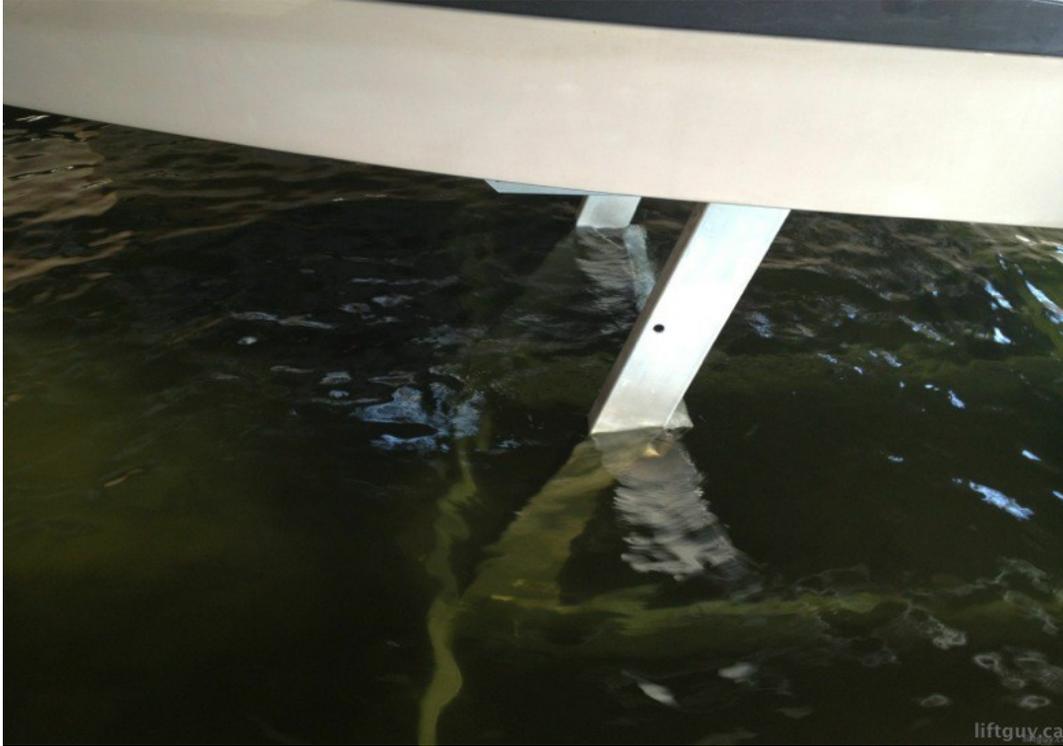


Winterization of my Sunstream Sunlift

Step 1 – Make sure your lift is in the Over-Centre position. The picture below is almost there



You know your lift is in the Over-Centre position because the frame is approx. 90 degrees AND the noise from the motor changes, indicating the lift is in the fully upright position. In this position, the front pivot point is in front of ('over-centre') the rear pivot point, and the hydraulic system no longer has the weight of your boat on it. The weight of the boat is on the frame and lifting pins.



Step 2 – Disconnect the a/c charger as the battery does not need to be charging and not used all winter. This can lead to premature 'drying out' of your battery.



Step 3 – Disconnect both battery terminals and a/c charger leads. Disconnect the black/negative one first and place in front of the battery. Notice that the a/c charger lead is below black/negative wire



Step 4 – Do the same for the red/positive terminal. Likely not a good idea to set a wrench on top of battery (as shown) as a larger wrench can touch the negative and positive terminals together causing sparks. In the spring, do the opposite following step 4, step 3, step 2 and then step 1 (shown below).



Maintenance – A/C chargers apply a small current to a battery to keep it charged. In some cases, this can lead to evaporation of the battery fluid and eventually a dry, dead battery. A few times per year, especially at the start of the year, the caps on the top of the battery should be removed to check the fluid in the cells. Try to keep fluid approx. 1-2” below the top. Top up with distilled water that you can buy at your grocery store, prior to reconnecting in the spring. A good battery will not freeze but a poor/dying battery will. We generally leave our batteries in our units without a problem. Wear glasses and protect your eyes.



Antenna attached to the remote control base unit in the hydraulic box – Remote controls occasionally have electrical interference due to other electronics or simply the distance between the handheld remote control is too far. Below shows how you may be able to improve your remote control performance by running the antenna outside the box.



Summerization of Sunlift

At the start of the year, it is advised to do a quick visual inspection of the lift to make sure the ice hasn't shoved your lift and done some sort of damage. If everything looks straight, proceed to next step.

1/ If you removed or unhooked your battery in the fall, reinstall your battery into your white Power Pack unit.

2/ Check to see if your battery cells are topped up with distilled water. Add distilled water so that the plates inside each cell are covered. Add distilled water to approx. 1" below top of battery. Do not overfill. If you can see that the cells are dry with no water over the plates, then your battery is likely dead or will die soon. Batteries generally last 3-5 years. More if you keep them topped up with distilled water. If they run dry, they may only last 1 year.

3/ Hook up your battery by doing the following;

- i) Make sure your Sunlift is turned off
- ii) Hook up your positive/red terminal with red a/c charger eyelet first, then place the thick red battery cable on top and tighten with wrench
- iii) Do the same with the negative/black terminals

4/ Plug in the A/C Charger and make sure one of lights turns on the A/C charger. If the light doesn't turn on, double check wall socket plug. A tripped GFI plug has often let a lift battery go dead

5/ Turn your unit on and if in a boathouse, make sure boathouse garage doors are open!!

6/ Test the lift using the remote control or the up/down switch in the Power Pack box

7/ All should be working just as it was left in the fall. If it is not, please call or email us for instructions but first, make sure the battery is charged, terminals are hooked up and the unit is turned on.

Picture of our Power Pack Box

