



How to disconnect the Quick-Disconnects on your Sunlift

In some cases, it is necessary to disconnect your white hydraulic box from your lift. Some of these reasons include; removing the box for winter storage, renovating your dock/boathouse which requires the box to be moved, potential flood/submersion risk, box relocation, etc.

Q. Won't fluid spray everywhere ?

A. No, perhaps a drip or two. There are valves built into the disconnects which will maintain the pressure in the hydraulic lines and stop the fluid from spilling.

Q. Should the lift be up or down? Is it ok to leave the boat on the lift?

A. Ideally, the lift is down with no boat on it. If a boat is on the lift and it is up ALL THE WAY, in the over-centre position, the quick-disconnects can be disconnected. We do it all the time and have never had a problem but there is added risk whenever the boat is on the lift. If it is in the over-centre position, there should be very little or no pressure in the hydraulic system. If a boat is on the lift, we would no longer call this a Do-It-Yourself situation. We should be involved or a contractor who has experience with our systems.

Instructions

Step 1/ Ideally, lower the lift all the way until you hear that the lift is all the way down. When the lift is all the way down or up, the motor/pump regular noise changes

Step 2/ Turn the remote control base unit to 'off'

Step 3/ Familiarize yourself with the male and female ends of the Quick-disconnects. The female end is the large, 1 1/4" Nut that spins (vice grips or large adjustable wrench is ok). The other end is the male that requires a 3/4" wrench.

Step 4/ Position yourself on the right side of the box. Take your vice-grips or large adjustable wrench or a 1 1/4" wrench if you have one and loosen off/push down on the female disconnect. Generally, the male disconnect does not need to be secured on top disconnect. It does on the bottom one. See pictures.

Step 5/ Once loose, you can sometimes spin the 1 1/4" female nut off with your fingers.

Step 6/ For the bottom Quick-disconnect, **ALWAYS** use two tools. Secure the large 1 1/4" nut on the left with your large wrench/vice-grips/adjustable wrench and use your 3/4" wrench to loosen the connection by pushing down with it. Once loose, continue to hold male end with your 3/4" wrench and spin the 1 1/4" nut with your fingers or large wrench.

Use the pictures below to guide you through the exercise. Disconnect and remove battery before lifting box. When you are re-attaching the box and the quick-disconnect fittings, be sure the male and female fittings touch but only a very modest amount of force needs to be applied. **Do not over-tighten!**



