

## Rescue Poles:

1. Pulled on the lift line and the strap didn't tighten, it just pulled out of the hoop.  
***The lift line is not to be pulled, but just held firmly, and then push the pole.***
2. The V-cleat is in the wrong position to work with the lift line.  
***The second pole that has the V-cleat on it needs to be turned so the V-cleat is in the same position as the slide buckle holder. Pull the pin and rotate.***
3. The slide buckle falls out of the holder.  
***From time to time the Slide Buckle holder will need adjusting. Use a 7/16" wrench on the nuts on the side nuts of the holder, check that it's not too tight.***
4. After putting the lift strap on, couldn't get the pole out so it came up with the PIW.  
***The pole was used upside down, and in that case you can only take off over the feet or bring up the PIW with the pole.***
5. Dropped the pole, and it got lost in the current.  
***The end of the pole has a hole for a small tether line to prevent this. The line can be tethered to the vessel or the person.***
6. The bow is high, and it makes it hard to see the PIW for recovery.  
***Most tractor tugs have a high bow, walk back aft and use the pole where it's easier. A longer line is available if needed.***
7. What if the lifting strap continues to tighten?  
***The lifting strap cannot tighten itself it's a closed loop, the pole is just pushing a one-way slide buckle, to tighten the strap.***
8. The lifting strap comes out of the rubber blocks too easily.  
***The lift strap must be put all the way in the rubber blocks, and under the lip on all 4 blocks.***
9. When using the Rescue Pole with Recovery Strap, the small web strap, was slack and in the way.  
***The Recovery Strap small strap with the handles, must be loaded around the Slide Buckle holder.***
10. The Lifting Strap is hard or sunbaked, and it doesn't work very well.  
***The hoop at least should be stowed out of the weather and sun. A UV cover is available to lengthen the life span of the parts.  
Monthly inspections and a freshwater rinse will help also.***

# Troubleshooting – Continued

## Rescue Davits:

1. The bitt mount won't fit my boat.  
***The base of the mount is fully adjustable and should fit all boats. The back feet move up and down, and the top strap can be moved down. The straps can be tightened, with the over center clamps.***
2. The bitts on my boat are angled, and the boom won't reach past the tires.  
***The angled bitt only affects the boom angle, if the red tension line is all the way extended and it still doesn't work, a longer tension line is needed.***
3. The davit boom is too low.  
***The Rescue Davit comes with one size tension line. The boom will need to be lifted and adjusted by the red tension line.***
4. The davit doesn't fit tight against the bitt.  
***The top of the bitt probably has a flange and needs to be trimmed where the davit fits.***
5. The top strap was moved to the lower spot, and the davit rocks on the bitt.  
***The top back feet need to be moved, so they make contact with the bitt. Use a 5/32" Allen wrench, to move them.***
6. The top strap is too tall to connect with the bitt.  
***Bitts over 23" tall needs to have the top strap moved to the lower position. Use a 5/16" Allen and 3/4" box wrench, for the strap. The clamp is moved with a 5/32" Allen wrench.***
7. The forward bitt is best for the wheelhouse to see, but too hard to use the pole.  
***The deck crew should be using a VHF radio on deck and walk aft while keeping the wheelhouse posted, then the PIW lifted up at the forward bitts.***
8. After the PIW is at the side of the boat, they are too low to get back aboard.  
***The PIW should be lifted to the green stopper ball, then moved to the side of the boat. Once at the side of the boat, top the boom with the winch handle.***
9. The line brake won't hold the line from going out.  
***The line should be in the tailing jaws on the winch, and the line brake is a secondary. The line brake handle needs to be snapped down.***
10. The lift line on the winch requires extra help to keep the line out of the way.  
***The line should be wrapped over the tailing arm and into the jaws, so that it will self-tail.***
11. The winch doesn't work, or it's just too hard to move while under a load.  
***The winch needs to be wrapped 4 times, so it doesn't slip. a 35:1 winch is available with a longer 10" handle.***
12. The worm gear has some rust on it, but still works.  
***The worm gear is mild steel and needs to be kept lubricated. Stainless gears would not work smoothly. Covers are available to keep everything out of the weather.***