

# AnchorRescue® anchor retrieval system – Instructions

## Always wear a PFD and tethered safety harness when using AnchorRescue!

1. Shorten the anchor rode until it is as near vertical as reasonable.
2. Check the capture pins for free movement.
3. Attach a line of appropriate strength and length to the bridle of the retriever, close the retriever over the anchor rode beyond the bow roller and insert the locking pin. Do not feed the retriever line through the bow roller. Secure the bitter end of the retrieval line. Do not use a line that floats.
4. Lower the retriever down the anchor rode until it contacts and connects to the slider. This will be evident by the retriever line going slack and subsequently not being able to easily raise the retriever.
5. Give the rode some slack and then pull on the retriever line with enough force to break the cable ties holding the tether. Use caution, the retriever line will jerk when the cable ties break.
6. Once the tether is free, we recommend attempting to free the anchor by hand if circumstances allow. Many times a smaller anchor can be freed by hand and you have much better feel for what is going on.

**CAUTION: Never put yourself or your crew in a position where unexpected release of tension on the retrieval line could cause injury.**

7. If using a winch or a windlass to free the anchor be mindful of the load limits of the AnchorRescue you are using. **(ARII-312 and ARII-375 are limited to 760 lbs. ARII-500 is limited to 940 lbs.)**

8. Once the anchor is free, release the tension on the retriever line and raise the anchor with the rode in the usual fashion.
9. When the anchor is in sight and before the retriever reaches the bow roller, remove the locking pin by snagging its lanyard with a boathook and giving it a pull. With the locking pin out, the retriever is freed from the anchor and the anchor can be brought onboard in the usual fashion.
10. Once the anchor is stowed on the bow, simply replace the cable ties on the tether and you are done.
11. If you have enough fresh water available it is a good idea to rinse the retriever in fresh water after use. If fresh is not available, rinse off any mud or debris with salt water. Make sure the capture pins are free.
12. If the capture pins do not move smoothly, it may be necessary to remove them and flush out any mud or debris that has gotten trapped in the passage. Simply remove the retaining screws, capture pins and springs. Don't lose the springs. Flush the passages with clean water and inspect them for debris. Reassemble once things are clean. If the capture pin has a tapered end, it goes towards the spring. Do not over tighten the screw. Just make sure the screw head is even with or slightly below the surface of the retriever. Check for free movement of the pins.



# AnchorRescue<sup>®</sup> anchor retrieval system – slider/tether mounting instructions

1. Position the slider on the anchor chain so the tether end is towards the anchor. (Fig. 1)
2. Using the supplied shackle or a suitable shackle, attach the tether to the trip point at the crown of the anchor. (Fig. 2) If your anchor does not have a trip line attachment point, you will have to make one. If there is any question, contact the anchor manufacturer for the appropriate position.
3. Pick a link on the tether that will give approximately 1 ½ - 2 inches of space between the end of the slider and the shackle when the anchor chain is stretched out parallel to the anchor shank. (Figs. 2,3) Don't cut the tether chain to length yet.
4. Using a supplied 40lb cable tie, take the slack out of the tether by attaching an appropriate link of the tether to the shackle attachment hole on the shank of the anchor. (Fig. 4) You want the tether to lay along the shank with minimal slack.
5. With a second cable tie, attach the welded link on the slider to the top of the first link of the anchor chain. (Fig. 4) This will leave some slack in the tether at the shackle to allow for free shackle movement. (Fig. 5)
6. Trim the cable ties.
7. Once you are confident that you have the correct tether length, you can cut the tether chain to length with a hacksaw. Don't be too hasty in cutting the tether. It's easier to shorten a chain than to lengthen one.

## Notes:

1. It is best to lead the tether along the anchor shank on the side away from the protruding pin on the anchor shackle.
2. Because there are a lot of different anchors out there, it may take some trial and error to find the best way to lead the tether to the crown of the anchor and to secure it. The intent is to keep the tether out of the way during normal anchoring and to give it a straight shot to the crown when an anchor retrieval is necessary.
3. If your anchor pivots at the crown like a CQR plow, you will want to use additional ties to create some slack in the tether at the crown to allow for movement. Some trial and error may be required to get the best arrangement.

Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



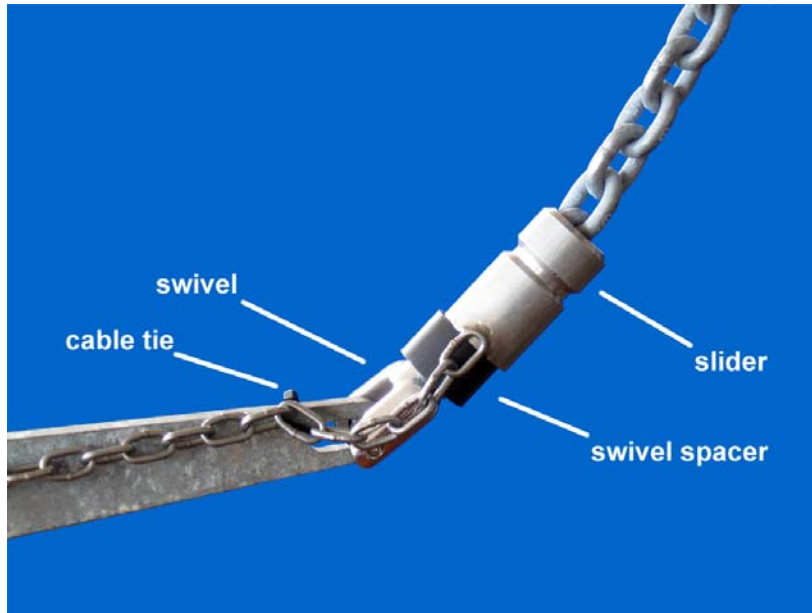
## Using AnchorRescue with a Swivel

A spacer is required when using AnchorRescue with a swivel. An appropriate spacer is supplied with every AnchorRescue.

This spacer, placed between the swivel and the slider, allows the top half of the swivel and the connected anchor rode to rotate without catching on the slider and causing it to rotate also.

Depending on the swivel in use, the spacer may ride above the swivel or drop down over to top of the swivel. In the figure below, the swivel is small and the spacer has dropped down over the top. It could just as easily ride on top of the swivel.

Securing the tether with a cable tie is the same as when a swivel is not used. Leave enough slack for free movement of the swivel at the shank of the anchor.



If you have misplaced the supplied spacer, we will supply a replacement for a nominal fee or you can make one out of a piece of schedule 80 plastic pipe. If you don't use UV protected pipe, keep an eye on degradation from the sun.

**NOTE: When a swivel is installed, we do not recommend moving the slider up the rode unless the swivel is also moved up the rode to just below the slider.**

# Mud Bottom

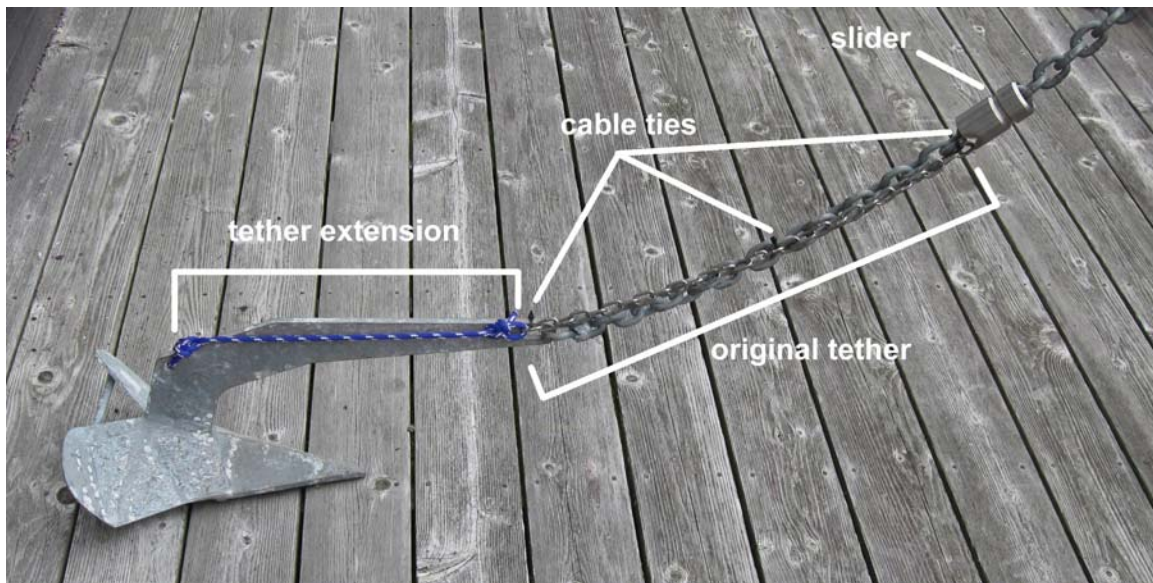
Mud bottoms can present some issues for AnchorRescue.

There is the chance that the anchor will bury itself deep enough that the first foot or so of rode is also buried. If the slider is at the anchor shackle, it will be buried and the retriever will not be able to reach it.

If the mud is sticky, it may coat the rode and slider to the extent that the retriever either cannot reach the slider or the slider is so clogged with mud that the retriever cannot connect.

In a known mud bottom, it may be advisable to raise the slider a foot or two above the anchor shackle. This is not a guaranteed solution for all situations but should improve the chances of a successful retrieval.

Raising the slider is easily accomplished by adding an extension (temporary or permanent) to the tether.



Cable ties are recommended to keep things neat.

There may be some advantage to extending the tether in heavy weed bottoms also.

**NOTE: We do not recommend extending the tether when a swivel is installed unless the swivel is also moved up the anchor rode to just below the slider.**