



## MARELON WINCH ASSEMBLY INSTRUCTION

### TO DISASSEMBLE THE WINCH FOR INSTALLATION

Remove the 1/4-20 round head machine assembly screw located in the base of the winch handle socket.

The four main components of the winch can now be disassembled.

### TO INSTALL THE WINCH

After the winch has been disassembled, position the winch base in the location chosen for installation.

Mark and drill the location of the four 1/4-20 flat head machine screws.

These four screws secure the winch. If the winch is being mounted on a mast, use a #7 drill and tap the holes for 1/4-20 NC. If the winch is being mounted on the deck, use a 17/64" drill as a clearance hole. A backing plate, below the deck, may be necessary to reinforce the deck and to spread the fastener load.

### TO REASSEMBLE THE WINCH

An important design feature of the winch is the interlocking step at the bottom of the core bushing. This step MUST engage the step in the winch base. This interlocking step feature prevents the assembly screw from loosening during winch operation. Failure to engage this interlocking step can result in damage to the winch, and possible loss of the winch cap component.

Prior to installing the winch drum onto the winch base, place the core bushing into the winch base and rotate the core bushing. You will feel the core bushing drop into position as the interlocking step engages. Remove the core bushing, and install the winch drum into the base by pressing the drum onto the base and rotating in clockwise. Next, place the winch cap assembly onto the drum. Pressing the pulleys toward the center of the winch cap assembly will allow the cap to seat into the drum.

Now, place the core bushing into the winch cap and rotate it with your finger tip until you feel it drop as the interlocking step engages.

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Next, replace the 1/4-20 round head machine assembly screw and snug it tight. At this point, there should not be any axial play between the winch cap and the winch drum. If you can pull the winch cap away from the winch drum, and a gap of about 1/16" appears between the bottom of the winch cap and the top of the winch drum, the interlocking step is not engaged. If this axial play is present, remove the 1/4-20 round head machine assembly screw, and retest for axial play. Once you are sure that the interlocking step is engaged, tighten the 1/4-20 round head machine assembly screw.

