

17C Handle and Side Weight

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1.1 Handle Removal

Tools Required:

- ¼ inch Flat Blade Attachment On Torque Screwdriver
- 2 Point Phillips Attachment On Torque Screwdriver

The handle is located at the center top of the SuperLite® 17C.

- 1) The front of the handle is removed by unscrewing the two port retainer screws.



Remove the front mount screws

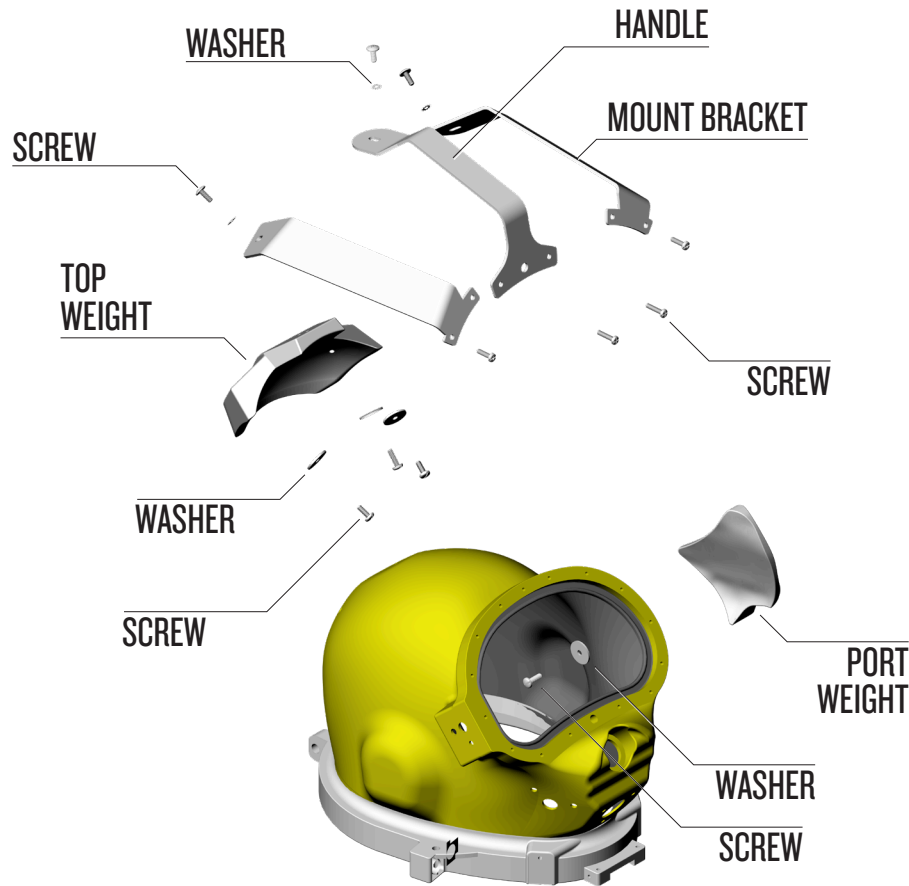
- 2) Remove the rear handle mount screw and locking star washer from the top rear helmet weight.



Remove the screw at the rear of the handle.

1.2 Handle Replacement

- 1) The port and starboard side mount brackets must be installed prior to installing the handle. Position the handle on the helmet and screw in the two front mount screws until snug, not tight. Be sure to use the correct screws to avoid damage to the SuperLite® 17C. If the side brackets are not to be on the helmet, shorter mount screws must be used.



Blowapart of the handle and weights.



Position the handle on the helmet.

- 2) Hold the handle in place and thread the rear mount screw with its washer into the helmet weight. Turn this screw until it is snug, not tight.
- 3) Tighten the front mount screws to 12 inch pounds.

- 4) Tighten the rear mount screw to 35 inch pounds.

1.2.1 Mount Bracket-Starboard Side Mount Bracket-Port Side

The handle must be removed before the mount brackets can be removed.

- 1) Remove the handle.
- 2) The front of the mount brackets are removed by unscrewing the remaining two port retainer screws.
- 3) Remove the rear handle mount screws and locking star washers from the helmet weight. One mount bracket may be removed without removing the other, but the handle must still be removed first. When installing mount brackets and handle, always tighten the screws to the specified torque, 12 inch pounds for the front mount screw and 35 inch pounds for the rear mount screw.

1.3 Side Weight Removal

Tools Required:

- Flat Blade Screwdriver
- Wooden Wedge
- Rubber Mallet

NOTICE

Do not use a screwdriver or similar sharp instrument, as it will damage the fiberglass finish. Use only wooden wedges under the corner edges of the weights.

To allow easier access to the port weight it may be beneficial to remove the screws and kidney plate or zinc anode holding the port side whisker in place.

1) To remove the port side weight, first unscrew and remove the screw and washer on the inside of the helmet.

2) Use a wooden wedge and a mallet to break the seal between the weight and the helmet shell.



*Use a wooden wedge and the mallet to break the seal between the weight and the helmet shell. **DO NOT USE A SCREWDRIVER OR CHISEL TO REMOVE THE WEIGHT.** This could damage the helmet shell, requiring expensive repair.*

3) Remove the weight and clean off all the old RTV (silicone sealant) from the shell and the weight. RTV may be cleaned from the weight using acetone. Wooden wedges can be used to scrape RTV from the shell. Be aware that acetone can cosmetically damage the fiberglass finish.

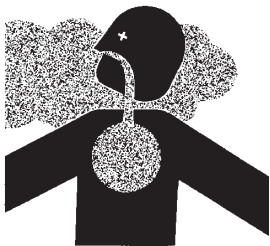
1.4 Port Weight Replacement

1) Apply silicone sealant to the **sides** and **top** of the weight as shown, leaving the bottom open. Be sure to apply sealant to the holes where the screws attach to the weight.



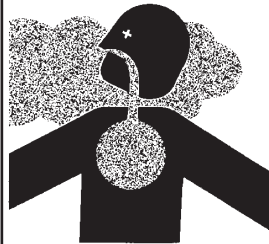
Apply silicone to the interior side of the port weight as indicated by the white lines.

⚠ WARNING



Use silicone sealant in a well ventilated area. Do not breathe the fumes from uncured silicone sealant. These fumes are dangerous and can cause unconsciousness. They can also cause long term damage to body tissue. Read and follow all precautions listed on the silicone sealant tube and Material Safety Data Sheet.

⚠ WARNING



Avoid breathing fumes from acetone and use in a well ventilated area. Long term breathing of highly concentrated acetone fumes can lead to nervous system damage, unconsciousness, and death.

⚠ WARNING

Avoid skin contact with acetone. Wear rubber gloves. Excessive, long term exposure to high levels of acetone can damage the nervous system.

⚠ CAUTION



Avoid eye contact with acetone. This chemical is an irritant and may cause tissue damage.

2) Thread the screw and washer into the weight. Tighten securely.

3) Wipe off any excess silicone sealant. Be sure to remove all excess silicone sealant before it sets up. Acetone can be used to dissolve *uncured* sealant, after tightening; however, be aware that acetone can cosmetically damage the finish of the fiberglass, so use small amounts carefully..