

Weights

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1.1 Port Weight

1.1.1 Port Weight Removal

Tools required:

- Flat Blade Screwdriver
- Wooden Wedge
- Rubber Mallet

1) To remove the port side weight, first unscrew and remove the two screws and washers on the inside of the helmet. It is not necessary to remove the four screws on the outside of the weight. Their only purpose is to serve as an additional mounting point for lights, cameras, etc.

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.*

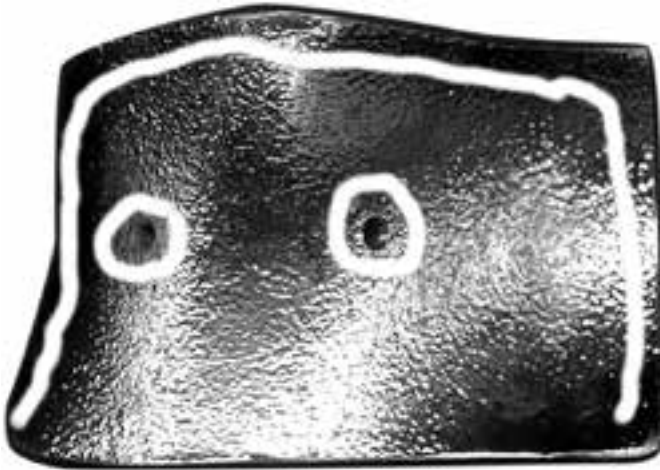
3) Remove the weight and clean off all the old RTV (silicone sealant) from the shell and the weight.

⚠ CAUTION

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.

1.1.2 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 view of the port weight as indicated by the white lines.


2) Thread the screws and washers 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.

⚠ WARNING	
	<p>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.</p>

⚠ WARNING	
	<p>Avoid breathing fumes from acetone and use in a well ventilated area. Breathing fumes can lead to nervous system damage, unconsciousness, and death.</p>

⚠ WARNING	
<p>Avoid skin contact with acetone. Wear rubber gloves. Acetone can damage the nervous system.</p>	

⚠ WARNING	
	<p>Avoid eye contact with acetone. This chemical is an irritant and may cause tissue damage.</p>

1.2 Top Weight (SL 27® Excluded)

The top weight is also a mount area for the handle.

1.2.1 Top Weight Removal

Tools required:

- Flat Blade Torque Screwdriver
- Rubber Mallet
- Wooden Wedge

To remove the top weight, the handle must be removed first as outlined in “1.1.1 Handle Removal” on page HNDL-1. If you have the optional accessory brackets mounted, they must also be removed.

1) To remove the top weight, unscrew and remove the three screws and washers inside the helmet. Remove the screws completely.

2) Use the wooden wedge and mallet to loosen the weight.

3) Clean off all traces of silicone sealant (RTV) using acetone.

1.2.2 Top 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 view of the top weight as indicated by the white lines.


2) Place the washers on the screws and thread the top screw through the helmet shell hole and into the weight but do not tighten it yet.

3) Move the weight up slightly on the shell to align the two lower screw holes and thread the screws into the hole, but do not tighten them yet.


4) Mount the handle to the helmet, front screws first and then the rear weight screw. Tighten it down then torque the weight mount screws, see “Torque Specs” on page APNDX-19 for correct torque.

5) 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.

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