

## 810-X Float Replacement Procedures

1. Remove the headcap and disconnect the optical fibre from its connector.
2. Disconnect the nut on the brass fitting and remove the fibre from the head.
3. Mark the tube at the point that it exits the 1" compression fitting.
4. Loosen the top of the 1" compression fitting.
5. Remove the bottom portion of the 1" compression fitting from the coupler in the tank.
6. The tube can now be CAREFULLY lifted out of the tank. The float will remain sitting on the support.
7. Retrieve and replace the float. Note that the cone shape should face up.
8. Reinstall the tube making certain that the end goes through the hole in the float and into the support.
9. Tighten the bottom portion of the 1" compression fitting.
10. Using the mark made in step 3, position the tube so that it is in the same location as it was.
11. Tighten the top of the 1" compression fitting.
12. Replace the fibre into the head and tighten the brass nut.

**CANADIAN CUSTOMERS:** Pack up the old float and ship it back PRE-PAID ONLY to us via Loomis, Tiger, or Greyhound (note that the length limit for Greyhound is 84"). Our shipping address is at the top of the first page.

**UNITED STATES CUSTOMERS:** Pack up the old float and ship it back PRE-PAID ONLY to us via UPS or FedEx. Note that UPS has ground service so your costs will be less. You must use an international waybill that is available from the shipping company. Make a note that we use U.P.S. as our customs broker and label the outside of the package "Canadian Goods Being Returned". Our shipping address is at the top of the first page.  
If the float was sunk and is full of fluid DO NOT SHIP it back. Discard it following local disposal guidelines.

**IMPORTANT NOTE:** If these parts were provided under warranty you **MUST** ship the old parts within 7 days or you will be invoiced. Garnet staff will perform a rigorous inspection and checkout of all returned parts. If our findings show that there has been tampering or improper original installation, Garnet Instruments reserves the right to invoice partially or fully for the new parts. All new parts are guaranteed for three (3) months or for the length remaining on the original warranty (determined by the date of installation as recorded on the warranty card), whichever is longer.

**FOR TECHNICAL SUPPORT CALL 1-800-617-7384**

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