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MODEL 810PS DISPLAY REPLACEMENT

1. Remove the four screws holding the lid and bracket in place.
2. Carefully remove the faceplate. A screwdriver will be needed to help pry the gasket from the box edge.
3. Loosen the nut holding the fibre optic cable and remove the fibre.
4. The display face can now be put to one side.
5. If your system has a vent line in place go to step 10. If there is not venting proceed to step 6.
6. To vent the enclosure this disconnect the existing brass fitting and carefully pull the fibre optic cable out of the enclosure. Remove the enclosure completely and drill and tap another brass fitting hole in the enclosure similar to the one that you just disconnected which is used by the tubing that holds the fibre optic cable. This hole should be placed so that a short length of tubing can be hung down from the display acting as a drain. If the existing fitting holes in the bar head and display are sealed with silicone, carefully pick it away. The idea is to vent the head, the display and main fibre optic tubing so that moisture doesn't build up in any of the components.
7. Re-install the now vented enclosure.
8. Apply a thread sealant to the brass fitting and attach it to the new enclosure.
9. Thread the fibre optic cable back through the fitting and into the enclosure.
10. On the new display faceplate loosen the nut on the optical fibre connector and insert the fibre making sure that it is fully seated. Tighten the nut finger tight only.
11. If the display you replaced is an 810PS version go to step 15. Proceed to step 13 if the display you changed was an older style 810 and you did not change the enclosure.
12. You will need to remove the circuit board that is in the base of the enclosure. This is the one that has a large battery holder on it.
13. The circuit board in the base is held down with four or five small screws. Loosen these screws and the circuit board can be removed.
14. Fill the now empty holes with a sealant, such as silicone.
15. Reinstall the faceplate on to the enclosure and reattach the lid assembly. Use an anti-seize compound on the four screws.
16. **CANADIAN CUSTOMERS:** Pack up the old display and ship it back PRE-PAID ONLY to us via the courier of your choice. Our shipping address is at the top of the page.
17. **UNITED STATES CUSTOMERS:** Pack up the old display 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 UPS as our customs broker and label the outside of the package "Canadian Goods Being Returned". Our shipping address is at the top of the page.

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