

1. APPLICABLE DELIVERY SYSTEMS

For delivery systems that use fiber optic handpieces and manufactured after 06/02/2006 (SN 596495)

2. SERVICE PRODUCTS

The following replacement parts are available at ASIsupport.com:

- 95-0114W, Tubing, Handpiece, Fiber Optic, 60" length (white)
- 95-0265W, Tubing, Handpiece, Fiber Optic, 50" length (white)

3. PARTS INCLUDED

- Fiber optic tubing assembly *(including 6-pin standard adapter)*

4. TOOLS REQUIRED

- Flat head screwdriver

5. GENERAL SAFETY PRECAUTIONS

In addition to observing the normal precautions associated with standard dental practices and procedures, the following additional precautions should be strictly noted and observed during the set-up, operation, and maintenance of this system.



⚠ WARNING

QUALIFIED PERSONNEL ONLY

The product should only be operated by qualified personnel only. The operator bears responsibility for the correct settings and proper use of the system. ASI Dental (ASI) cannot be held liable for any malfunction of this product, or performance failure and/or its designed or desired utility, nor can ASI be held liable for injuries to persons or animals, in any case when the device is misused or not operated, applied or maintained in strict accordance with user/owner instructions set out in the operation manual. In the event of any doubt or question, the user is to contact ASI for clarification or assistance.

Improperly maintained or operated systems or instruments may void the associated warranties.



⚠ WARNING

ELECTRICAL VOLTAGE

This system is powered by high voltage electricity. Like any other electrically powered device, if it is not used properly, it can cause electrical shock. Always plug the power cord into an electrical outlet with adequate fuse protection and proper grounding. In the event of a short circuit, grounding reduces the risk of shock by providing an escape wire for the electric current. Improper grounding of the unit can result in a risk of electric shock. Always unplug the unit before doing any service or repair to the unit.



⚠ WARNING

INFECTIOUS MATERIALS

Infectious disease workplace safety protocols to safeguard against cross contamination of infectious disease should always be observed. When maintaining the suction system or emptying the contents of the suction waste container, safe precautions and practices including the wearing of face mask, eye protection and gloves are to be followed.

6. REPLACEMENT INSTRUCTIONS

Step 1 - Turn off main power and air supply to unit.

Step 2 - Open top of delivery system and locate the fiber optic power pack. Locate the two wires that are attached to the port labeled, "HP 1". Loosen the screws with a small flat head screwdriver and remove the wires.

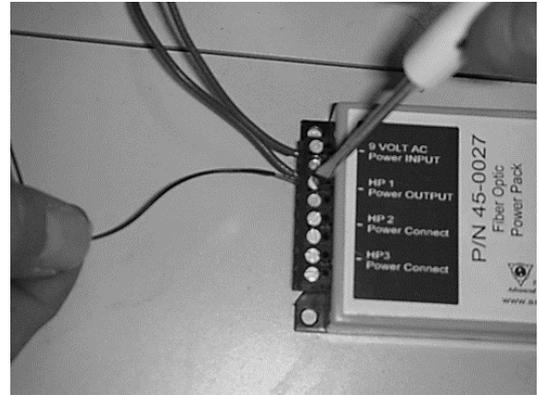


Fig. 1

Step 3 - From the outside of the unit, locate the black plastic nut for high-speed handpiece and remove.



Fig. 2



Fig. 3

Step 4 - On the new fiber optic handpiece cord, there are two wires that extend out of the tubing. Make sure those wires are not crossed or tangled. Thread wires through the small holes in the bulkhead attached to the unit.

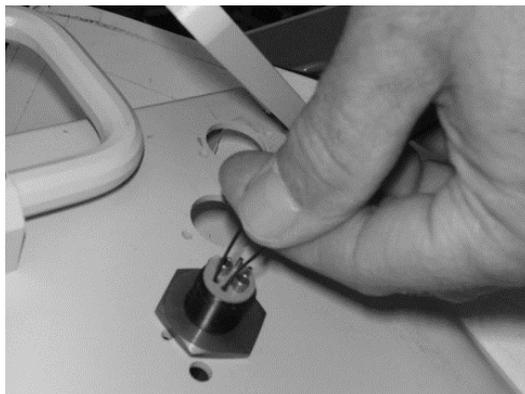


Fig. 6

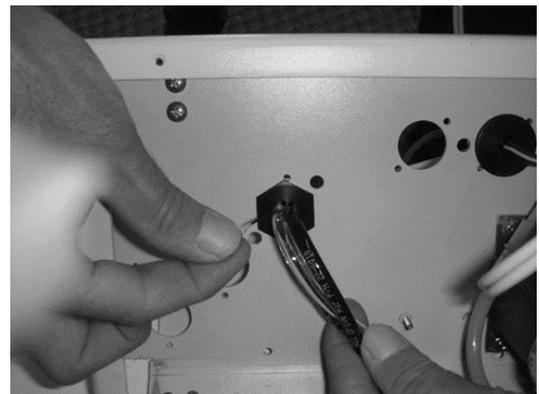


Fig. 5

Step 5 - From the outside, line up pins on bulkhead. Tighten the black plastic nut.

i *NOTE: Be sure the two wires do not get pinched.*



Fig. 6

Step 6 - From inside the unit, locate the wires that you just pulled through; slide the exposed metal end into the two ports on the fiber optic power pack labeled, "HP 1". Once you have inserted them, tighten down the screws with a small flat head screwdriver.

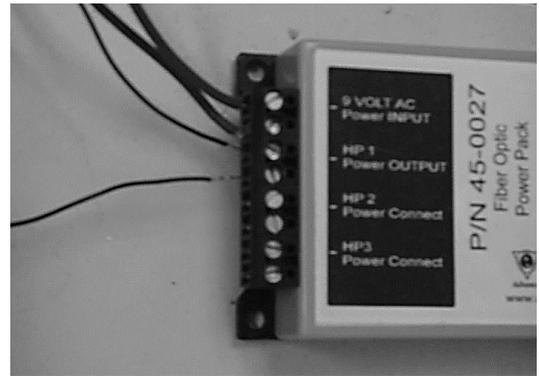


Fig. 7

Step 7 - Gather the extra length in wires and slide into provided clip to keep them from getting tangled.

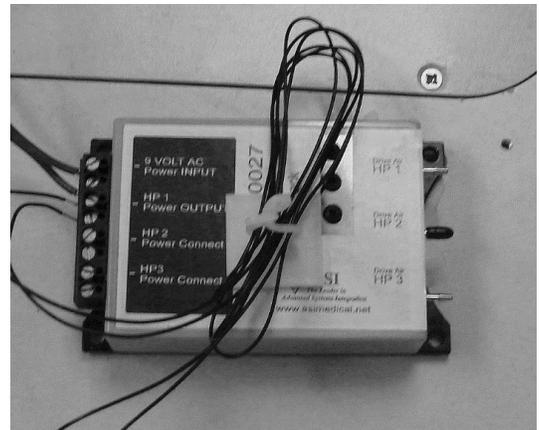


Fig. 8

Step 8 - Close the delivery system top.

Step 9 - Restore power to unit; run the fiber optic handpiece to test for proper functions.

7. REMOVAL OF ADAPTER FROM UNIVERSAL FIBER OPTIC ASSEMBLY

This replacement tubing assembly is a 5- and 6-pin universal fiber optic assembly, and comes standard as a 6-pin with the adapter already installed. If needed, remove the adapter by following these instructions.

Step 10 - Remove the mini-Allen wrench from the packaging.

Step 11 - Locate the set screw on the side of the tubing connector.

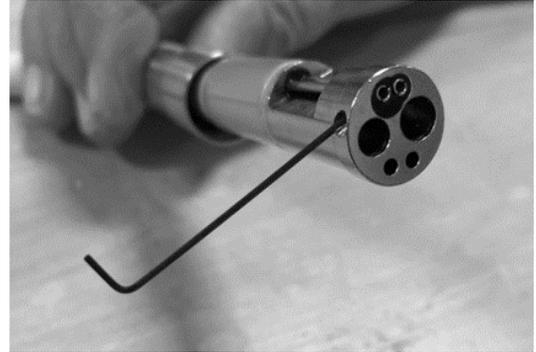
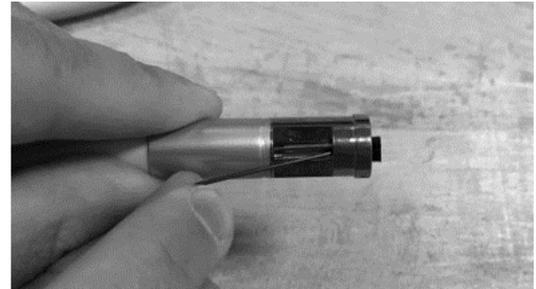


Fig. 9

Step 12 - Loosen set screw, but do not remove.

Step 13 - Press on the bottom side of the adapter to pop it out of the tubing assembly.



Step 14 - Insert bulb into tubing connect and retighten the set screw.