

FIBER OPTIC HANDPIECE TUBING

ASI TECHNICAL GUIDELINE FOR 95-0114W AND 95-0265W

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PURPOSE

This technical guideline provides instructions to remove and replace fiber optic handpiece tubing for ASI delivery systems manufactured after 06/02/2006 (SN 596495). This technical guideline pertains to the listed ASI products.

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

PARTS INCLUDED

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

TOOLS REQUIRED

- Flat head screwdriver

IMPORTANT!

Before commencing on the following instructions, please read and follow all applicable warnings/cautions listed at the end of this technical guideline.

INSTRUCTIONS

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

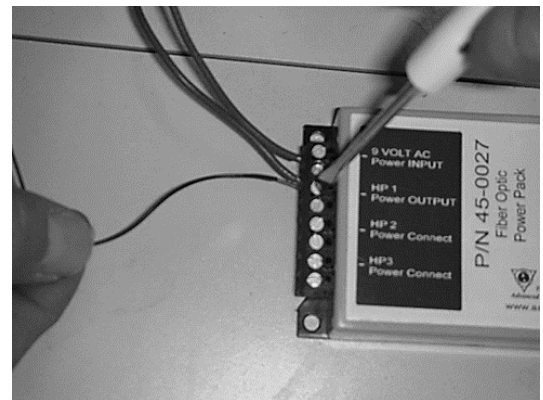


Fig. 1

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

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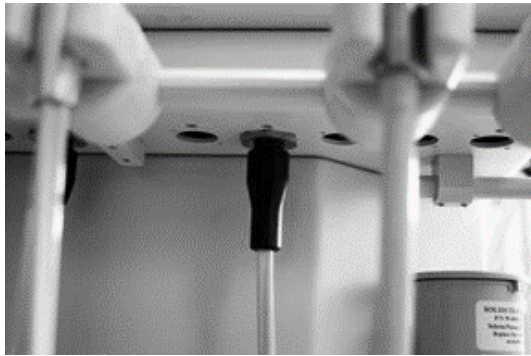


Fig. 2



Fig. 3

- 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.

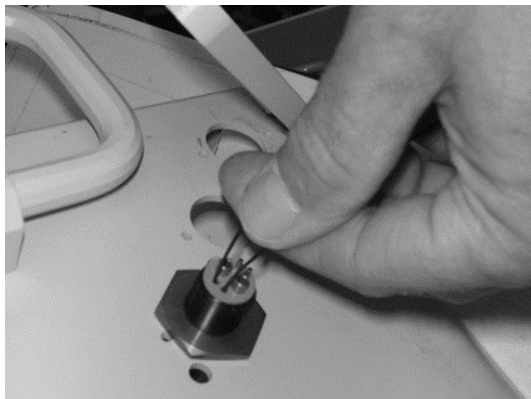


Fig. 4

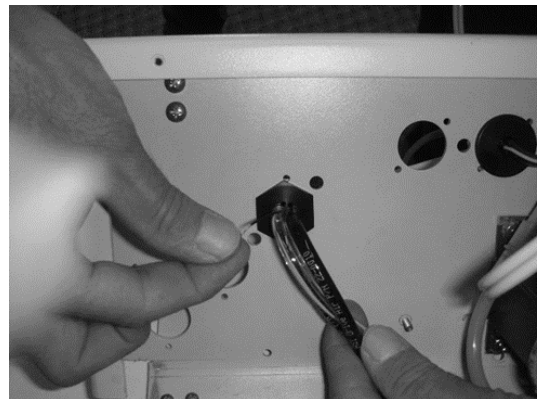


Fig. 5

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

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



Fig. 6

- 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.

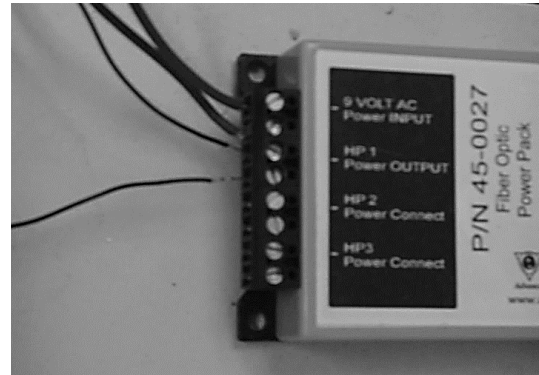


Fig. 7

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

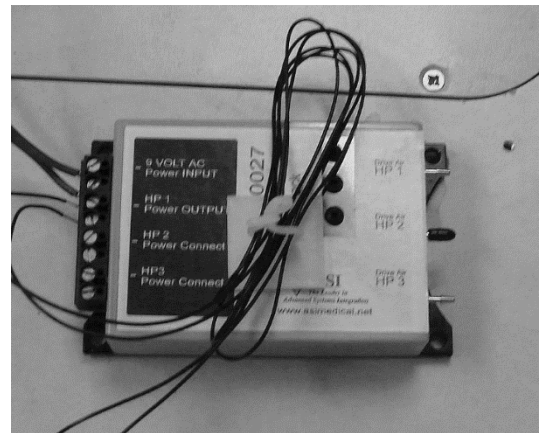


Fig. 8

- 8 Close the delivery system top.
- 9 Restore power to unit; run the fiber optic handpiece to test for proper functions.

REMOVAL OF ADAPTER FROM UNIVERSAL FIBER OPTIC ASSEMBLY

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

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

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

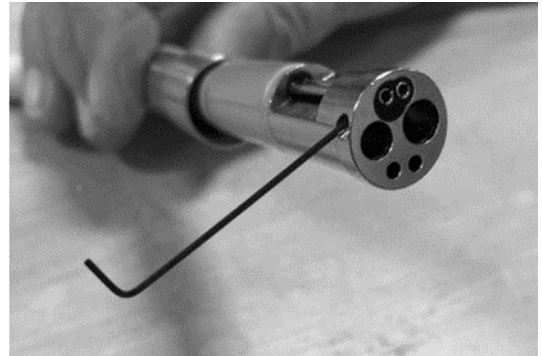


Fig. 9

- 12 Loosen set screw, but do not remove.
- 13 Press on the bottom side of the adapter to pop it out of the tubing assembly.

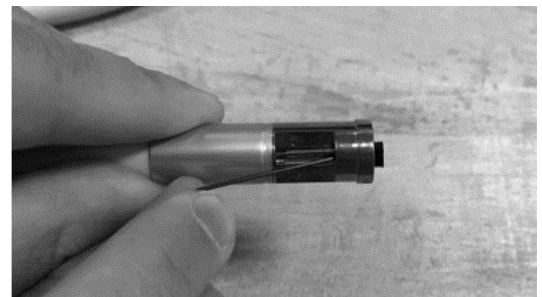


Fig. 10

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

WARNINGS/CAUTIONS

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.

⚠ AVERTISSEMENT

PERSONNEL QUALIFIÉ UNIQUEMENT

Le produit ne doit être utilisé que par du personnel qualifié. L'exploitant est responsable des réglages corrects et de l'utilisation correcte du système. ASI Dental (ASI) ne peut être tenu responsable de tout dysfonctionnement de ce produit, ou d'une défaillance de performance et/ou de son utilité conçue ou souhaitée, et ASI ne peut être tenu responsable des blessures aux personnes ou aux animaux, en tout cas lorsque l'appareil est mal utilisé ou pas utilisé, appliqué ou entretenu en stricte conformité avec les instructions de l'utilisateur/propriétaire énoncées dans le manuel d'utilisation. En cas de doute ou de question, l'utilisateur doit contacter ASI pour obtenir des éclaircissements ou de l'aide.

Des systèmes ou instruments mal entretenus ou mal exploités peuvent annuler les garanties associées.



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.

AVERTISSEMENT

TENSION ELECTRIQUE

Ce système est alimenté par de l'électricité à haute tension. Comme tout autre appareil électrique, s'il n'est pas utilisé correctement, il peut provoquer un choc électrique. Branchez toujours le cordon d'alimentation dans une prise électrique avec une protection par fusible adéquate et une mise à la terre appropriée. En cas de court-circuit, la mise à la terre réduit le risque d'électrocution en fournissant un fil d'échappement pour le courant électrique. Une mauvaise mise à la terre de l'appareil peut entraîner un risque d'électrocution. Débranchez toujours l'appareil avant d'effectuer tout entretien ou réparation sur l'appareil.



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.

AVERTISSEMENT

MATIERES INFECTIEUSES

Les protocoles de sécurité sur le lieu de travail contre les maladies infectieuses pour se prémunir contre la contamination croisée des maladies infectieuses doivent toujours être observés. Lors de l'entretien du système d'aspiration ou de la vidange du contenu du conteneur de déchets d'aspiration, des précautions et des pratiques de sécurité, notamment le port d'un masque facial, d'une protection oculaire et de gants, doivent être suivies.