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Technical Guideline

Replacing a Micro Irrigator Valve Connector

TG-95-0225/
95-0226/95-0227

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WARNING! Only qualified personnel should service or repair this device. This device should only be serviced/repared by a qualified service technician who is proficient in the repair of electromechanical dental equipment and who understands the complexities and risks of working within the device and observes proper safety precautions.



WARNING – Compressed Air. The compressed air system that operates this unit is under pressure. Compressed air can propel dust or loose particles and can cause bodily injury or damage. Always turn the system off and bleed off air pressure before attaching or removing air lines or accessories or servicing this unit. All air lines should be periodically inspected and replaced if worn or damaged. If an outside compressed air supply is used to power this unit, the air supply must be regulated to 80 psi or below. Excessive air pressure could cause certain components to rupture.



CAUTION! The irrigation system may contain chemicals that are caustic or corrosive. Always verify with the operator of the system to determine which chemicals they are using within the system. Always follow workplace safety protocols when doing maintenance or service of the system including the wearing of face mask, eye protection and gloves for proper protection of exposed skin, breathing and eyes.

PARTS INCLUDED

- Micro Irrigator Connector

TOOLS REQUIRED

- Side cutters or scissors
- Small flathead screwdriver

INSTRUCTIONS

1. Turn off main power and air supply to the unit.
2. Switch toggle "OFF" for the irrigation bracket system.
3. Unscrew the bottle slightly to relieve compressed air in system.
4. While holding the metal body of the irrigation handpiece, unscrew the white handle from the base and slide down tubing. Remove the head of the irrigator. (Fig. 1; Fig. 2)



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Fig. 1

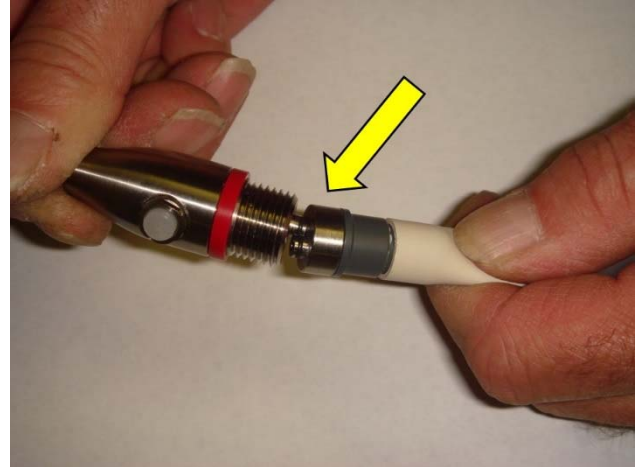


Fig. 2

5. Separate the gray tubing retainer from the connector to expose the tubing. Use a small flathead screwdriver if needed. (Fig. 3)

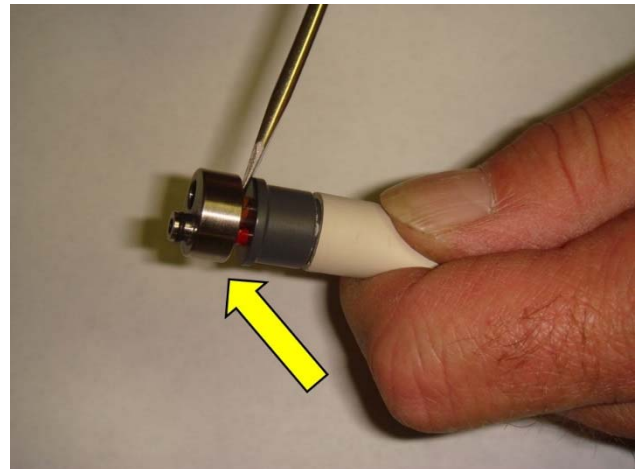


Fig. 3

6. Using side cutters or scissors, clip all tubing as close to the barb as possible. Make sure to allow slack on the tubing for reattaching to the new connector. (Fig. 4)

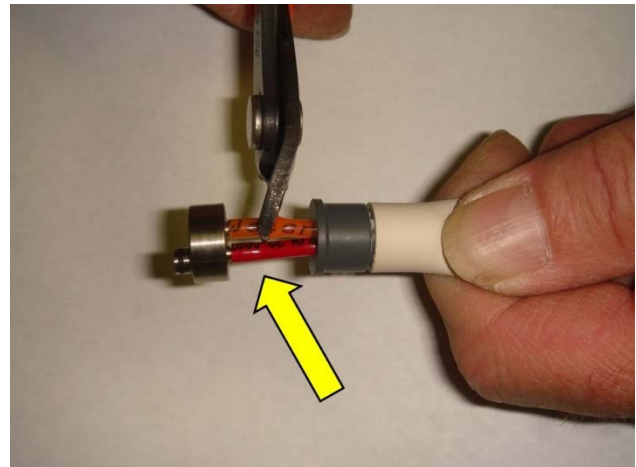


Fig. 4



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7. Reconnect all tubing to barbs by pushing tubing onto barbs until seated. (Fig. 5)

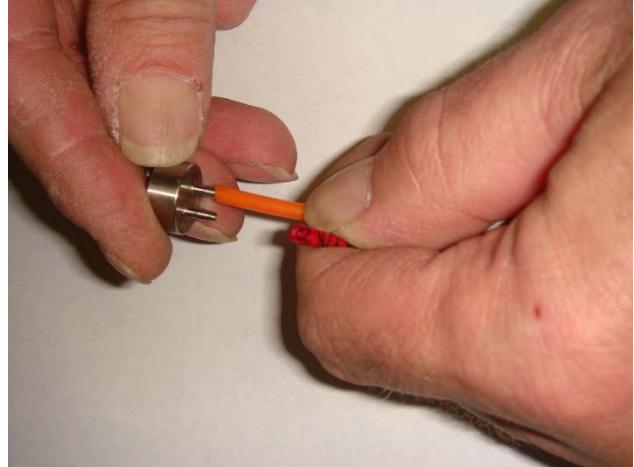


Fig. 5

8. After reconnecting tubing, push the connector and gray tubing retainer together until seated.
9. Reattach micro irrigator handpiece by following Step 4 in reverse order.
10. Restore power to the unit. Turn toggle "ON" to the irrigation bracket system and test for proper function by running water or solution through the micro irrigation handpiece.