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## Technical Guideline

### Replacing the Irrigation Bottle Bracket

TG-95-0116

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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

- Bracket assembly
- Screws
- Irrigation tubing
- Bottles, labels, washers
- Straight-through connector
- Small sleeves retainer

#### TOOLS REQUIRED

- Phillips head screwdriver, #2
- Wire cutters or scissors

#### INSTRUCTIONS

1. Turn off main power and air supply to unit.
2. Run air syringe to relieve compressed air in system.
3. Remove existing bottles from bracket. (Fig. 1)



Fig. 1

4. Locate two Phillips head screws on back of the existing bracket and loosen with a #2 Phillips screwdriver. (Fig. 2)

**NOTE:** Do not completely remove the screws.

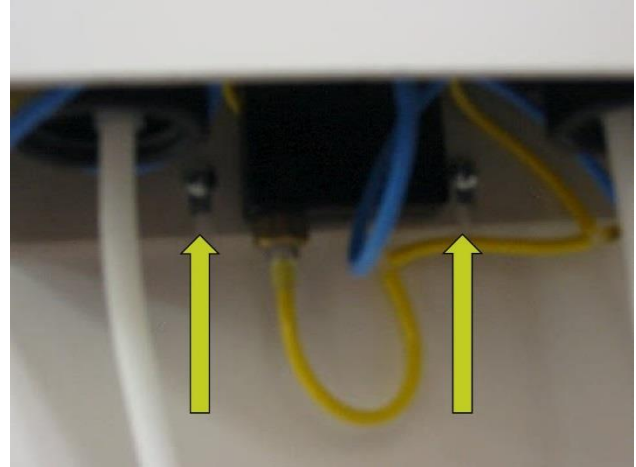


Fig. 2

Arrows show placement of Phillips head screws

5. Lift bracket up and off of screws. (Fig. 3)

**NOTE:** Older style irrigation systems will have clear lines. You will need to cut the clear lines and reattach with a barb.



Fig. 3

6. Locate color-coded irrigation solution line(s) and yellow air line. (Fig. 4)



Fig. 4

7. Cut tubing, leaving approximately 8-12 inches slack. (Fig. 5)

**NOTE:** The solution line(s) may contain irrigating solution that can damage surfaces and clothing. Make sure the line is drained prior to removal or have a receptacle to place line into upon removal.



Fig. 5

Arrow shows approximate cut location

8. On new bracket, attach irrigation solution line(s) and yellow air line with a barb to existing unit tubing. Ensure to correctly match color-coded tubing together.

**NOTE:** For dual irrigators, you will have to attach a red line, orange or green line, and yellow line. For triple irrigators, you will need to attach a red line, orange line, green line, and yellow line.

**NOTE:** When attaching the air line with a barb, use clear plastic sleeve to secure. (Fig. 6, Fig. 7) Pulling back on tubing while sliding the sleeve over will help seat and secure the sleeve.

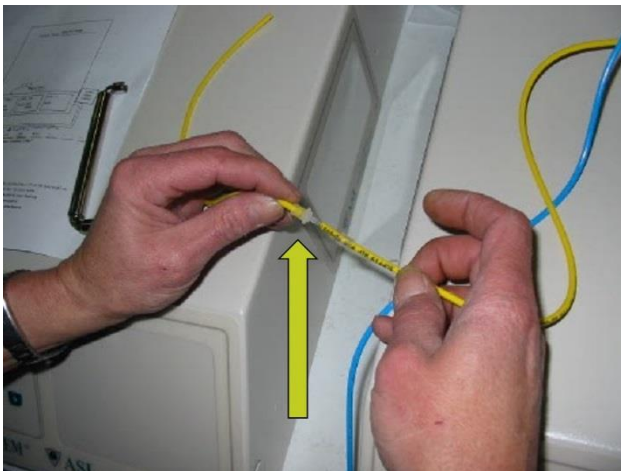


Fig. 6

Arrow shows clear plastic sleeve

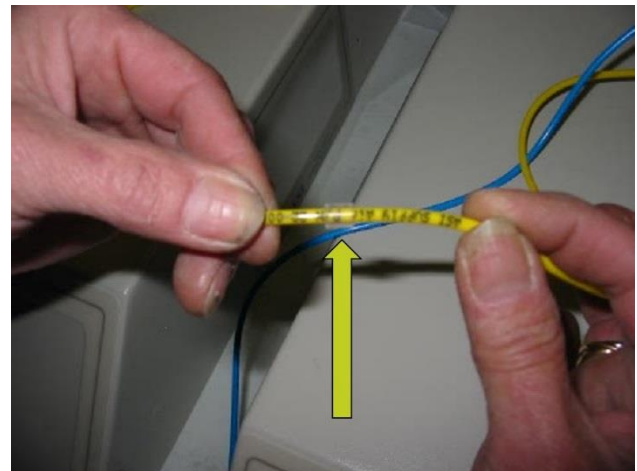


Fig. 7

Arrow shows clear plastic sleeve

9. Reattach bracket to unit and tighten screws.

10. Attach irrigation bottles.



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11. Restore power to unit, re-pressurize the water bottle system, and verify correct installation by testing for proper handpiece irrigation functions, flow from each bottle.
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