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Technical Guideline

Replacing the Pressure Head for Bottles

TG-95-0153

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WARNINGS



WARNING! Only qualified personnel should service or repair this device. This device should only be serviced/repaired 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.



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.

PARTS INCLUDED

- Pressure head
- Label

TOOLS REQUIRED

- Wire cutters or scissors
- #2 Phillips head screwdriver

INSTRUCTIONS

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



Fig. 1



Fig. 2

4. Locate the label on top of bracket and peel back to expose screws. (Fig. 3)

NOTE: The bracket might not have a label covering screws; they may already be exposed. (Fig. 4)



Fig. 3



Fig. 4



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5. Remove screws to release the Pressure Head. (Fig. 5)



Fig. 5

6. Grasp the Pressure Head and clip off the tubing right at the barb, noting the location of each tubing. (Fig. 6)

NOTE: The tubing on the bottom barb will vary in color.



Fig. 6

7. Re-attach tubing to the new Pressure Head barbs. Make sure the tubing is completely seated.
8. Place the Pressure Head back up inside the bracket and align the holes on top of the Pressure Head with the holes in bracket with the screws. Tighten the screws. (Fig. 7)



Fig. 7



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9. Smooth the label back down or replace, if necessary. (Fig. 8)



Fig. 8

10. Fill bottles and attach. Turn system "ON" to pressurize the bottles. Test for leaks and proper water flow by running the Air/Water Syringe or Micro Irrigator handpiece.