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Technical Guideline

Removing / Replacing Solids Trap Canister

TG-95-0175
(95-0158, 95-0247)

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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 – Presence of Heavy Metals/Amalgam. This unit may be equipped with optional suction instruments. As part of dental procedures, particles of amalgam may be suctioned into the dental suction handpieces and collected within the system and trap filter.



WARNING – Infectious Materials. Infectious disease workplace safety protocols to safeguard against cross contamination of infectious disease should always 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.



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

- Solids trap enclosure (one of these):
 - Bottom Port, Large
 - Bottom Port, Small
 - Side Port, Large
- Cable Tie

TOOLS REQUIRED

- Phillips head screwdriver
- Side cutters or scissors

INSTRUCTIONS

1. Turn off main power to unit.
 2. Run Air/Water Syringe to relieve compressed air in the system.
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3. Locate the tubing attached to solids trap and remove suction tubing from the bottom of the solids trap housing by pulling down while wiggling back and forth. (Fig. 1)



Fig. 1

4. Locate two screws under the solids trap housing that hold the bracket to the unit. Remove using a Phillips head screwdriver. (Fig. 2)



Fig. 2



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5. Pull the housing out away from the unit about 3" and locate a white cable tie. Clip the cable tie using side cutters or scissors. (Fig. 3, Fig. 4)



Fig. 3



Fig. 4

6. Once you have removed the housing from the unit, locate two Phillips head screws on the bottom of the bracket and remove. Place the new enclosure on the bracket and replace the Phillips head screws. (Fig. 5)



Fig. 5

7. Push the new solids trap housing onto tubing until seated. Wrap supplied cable tie around the wire reinforced tubing and tighten. (Fig. 6)



Fig. 6



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8. Push the housing and tubing back into place and install two Phillips head screws into bracket, securing it to the unit. (Fig. 7)



Fig. 7

9. Using side cutters or scissors, cut the existing tubing off where it starts to stretch out (usually about 1"). Reattach tubing to the bottom of the solids trap housing. (Fig. 8)



Fig. 8

10. Restore main power and turn on vacuum. Verify proper function by suctioning water on each suction handpiece.