



# ASI

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## Technical Guideline

### Adjusting the Purge Hose Tubing (Self-Contained Systems)

TG-NP-0008

Rev A | 27 Oct 2015 | Page 1 of 3

#### PURPOSE

This guideline shows how to adjust the purge hose tubing on the purge pump. In addition, this guideline addresses issue of low or no purging with steps for possible resolution. If no resolution, replace purge hose following instructions in ASI Technical Guideline TG-95-0205, "Replace Purge Pump Tubing".



**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 – 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.



**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.

#### TOOLS NEEDED

- Flat head screwdriver

#### INSTRUCTIONS

1. Turn off the main power and unplug from power outlet.



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Rev A | 27 Oct 2015 | Page 2 of 3

2. Open the door on the back of the unit using a flat head screwdriver. Locate the purge pump and purge hose assembly. (Fig. 1)



Fig. 1

3. Open the door of the purge pump by moving the beige door to the left and releasing the hose. (Fig. 2)
4. If the Purge Hose tubing is noticeably thinned out, pull away from pump, massage the hose, and place it back on the rollers. (Fig. 2)



Fig. 2



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Rev A | 27 Oct 2015 | Page 3 of 3

5. Pull the Purge Hose tubing down slightly (1/4" to 1/2") to set the rollers on a different area of the tubing. (Fig. 3)



Fig. 3

6. Ensure that the tubing is centered on the rollers. (Fig. 4)

**IMPORTANT:** Not centering the tubing may result in the Purge Pump door cutting the tubing, causing a leak or low performance purging cycle.



Fig. 4

7. Close the door of the Purge Pump.
8. Restore main power to the unit and test for proper function.