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

- One (1) air/electric switch assembly
- Two (2) large sleeves
- Four (4) small sleeves
- Auto High Volume Evacuator (HVE) holder
- Auto Saliva Ejector (SE) holder
- Four (4) springs
- Four (4) plunger caps
- Four (4) screws
- Two (2) end caps

TOOLS REQUIRED

- 1/8″ Allen wrench
- Phillips head screwdriver
- Sleeve tool
- Side cutters or scissors
- Wire stripers
- Crimps

INSTRUCTIONS

1. Turn off main power and air supply to unit.
2. Run Air/Water syringe to relieve compressed air in system.

3. Remove the Saliva Ejector (SE) and High Volume Evacuator (HVE) holders from the holder bar using a 1/8" Allen wrench.

   Install the new SE and HVE holders.

   (Refer to ASI's Technical Guideline TG-90-2793/94, *"Replacing or Installing New Handpiece Holders"*.)

4. Open the cover to the delivery system according to the delivery system type.

5. From inside of the unit, run the two strand tubing from the air/electric switch assembly through the small hole in the baseplate. Slide the small sleeves onto both tubings.

   Attach tubing to holders. The tracer tubing goes to the back barb on the holder, and the non-tracer to the front. Press on sleeves. (Fig. 1)

6. Tee the yellow tubing from air/electric switch assembly to main air using two large sleeves. (Fig. 1)

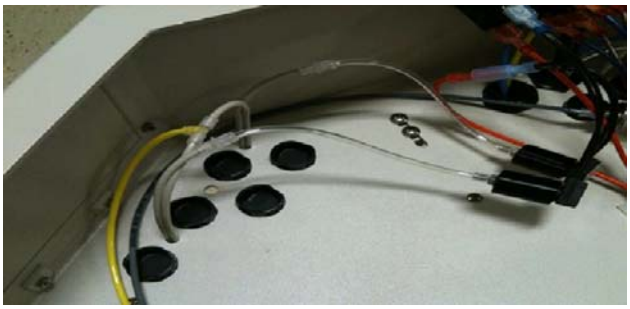

Fig. 1

7. Remove orange wire from switch. Cut off receptacle, strip outer coating and crimp on bullet connector in the air/electric switch assembly. (Fig. 2)

8. Attach the orange wire from the air/electric switch assembly with receptacle to switch. (Fig. 2)

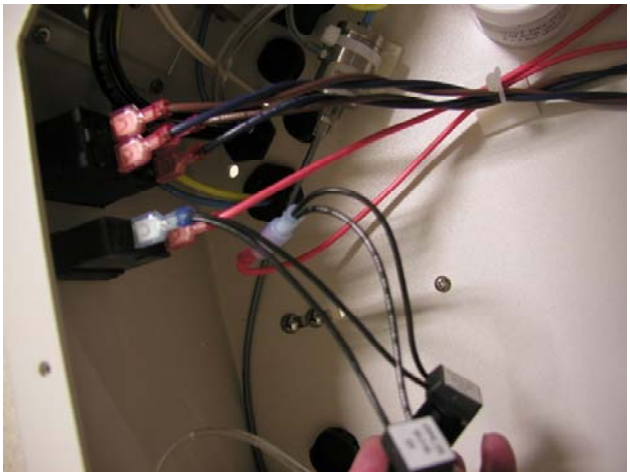

Fig. 2

9. Restore main power to the unit. Test for proper function.