

# A014-012

## REMOVAL AND INSTALLATION OF SHUTTLE VALVE

### REMOVAL

**1) (Ultimate)** Mobile cart- remove the four Phillips screws that hold the delivery system to the dental top. There are two screws on the bottom of each side. The screw heads face the ground. **(Prestige)** Mobile cart- Flip up the lid of the unit and remove the plastic storage tray to access the shuttle valve. **Countertop units-** remove the two Allen screws in the middle of each side of the delivery system.

**Wall mounts units-** remove the four screws that secure the tray to the top of the delivery system.

**2)** The shuttle valve's center tube is hooked up to the pressure gauge and it will look like a metal Tee similar to the one you receive.

**3)** Once you have found the shuttle valve start by removing one tube at a time as to not mix up the tubing locations from the old part to the new part. (NOTE DON'T PULL OFF ALL OF THE TUBING'S AT ONCE) Remove the tubing's by twisting and pulling on the plastic sleeve clamp off of the valve and up the tubing. Then cut the tubing off from the barbed metal nipple.

### Installation

**4)** Once the tubing is removed slide a new plastic sleeve onto the tubing before attaching tubing to new valve. Now take that tubing and put it on the new valve in the same position it came off of the old valve (the tubing only needs to be pushed onto the barb about  $\frac{3}{4}$  of the way). Now slide the plastic sleeve over the tubing and barb. You can adjust an adjustable wrench to the size of the tubing then push the wrench against the plastic sleeve to push it on. Do this for all 3 tubing's.

**5)** Test the unit and remount the delivery system.