

Removal

1. First depressurize your dental machine
2. Remove the two Phillip screws from behind the hand piece holder on the dental machine (**Figure 1**).
3. Once the holder is removed, take the tubing's off one at a time from the metal valve by sliding back the white plastic sleeves (**Figure 1**). Once the tubing is off, take that tubing and slide on the supplied white plastic sleeve. Then put that tubing on the new valve at the same spot as the old valve followed by pushing the white plastic sleeve on.

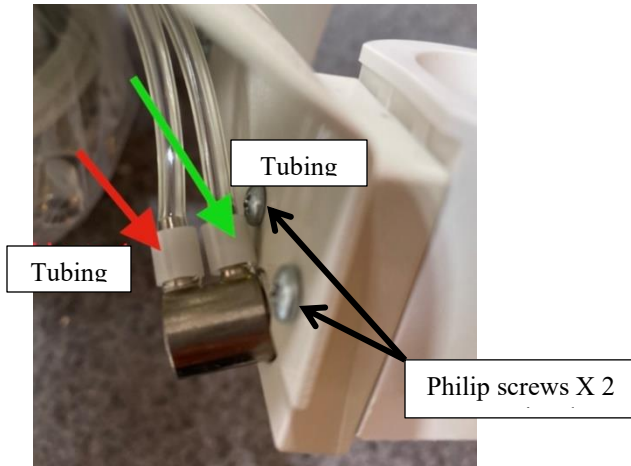


Figure 1: pilot valve and two Philip screws of the holder

4. Follow the same steps with the other tubing.

Installation

1. Take the whole assembly and place it against the face plate where the old one was removed from (**Figure 2**). Then screw the two Phillips screws through the face plate and into the holder.

2. After inserting tubing to the metal valve, pressurize the dental machine. Once the machine is pressurized, take your finger and press and release the lever of the holder repeatedly. As you do this you want to hear a puff of air. If you don't hear a puff of air you will need to adjust the valve.



Figure 2: Fully assembled holder

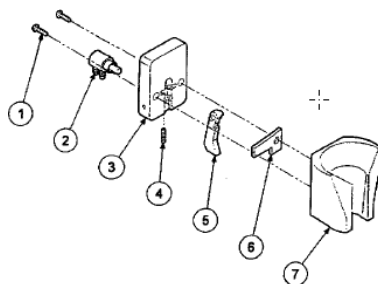


Figure 3: Assembly diagram

3. To adjust the valve, you need to put one hand on the back of the valve to keep it from popping off the holder. With your other hand.
4. take the Allen wrench and loosen the set screw (#4 on figure 4,5) in the bottom of the holder. Press the valve inwards as far as it will go.
5. Slowly pull out the valve as you are pressing and releasing on the lever of the valve to achieve the puff of air. Once we get the puff of air, tighten the set screw (#4 on figure 4,5) on the bottom of the holder.

NOTE: A video guide is available at www.youtube.com/dentalaire

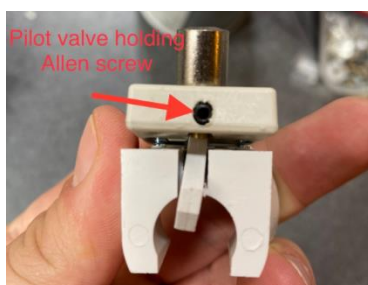


Figure 5: pilot valve Allen screw adjustment