

## BIEN AIR REPLACEMENT TURBINE INSTALLATION INSTRUCTIONS

*Note: Handpiece should be cleaned and sterilized prior to installation*

1. Place handpiece onto a smooth flat surface. Unscrew the back cap and remove the spent turbine from the head and then from the back cap.
2. Using an explorer, remove the worn “O” ring from inside of the head of the handpiece. Then remove the spring washer and Teflon shim from the head.
3. Using an explorer, remove the worn “O” ring from the back cap. Then remove the spring washer from the back cap.  
*Note: For reassembly, the head and back cap spring washers are interchangeable.*
4. Thoroughly clean the head and back cap with spray cleaner (or spray oil) and a cotton tipped applicator. Use an air syringe to blow out any remaining debris and cotton fibers from within the handpiece and from the back cap.
5. Using an explorer, place one of the new spring washers inside the back cap, then place a new “O” ring onto the groove inside the back cap.
6. Using an explorer, place the new spring washer onto the head of the handpiece and position the Teflon shim on top of the spring washer, then place a new “O” ring into the groove inside the head of the handpiece. A drop of oil in the front of the head will keep the spring washer flat in the front of the head during turbine installation.
7. Hold the new turbine upright (bur end up) and carefully insert the back bearing (opposite bur end) into the back cap. While inserting the turbine, gently rock the turbine back and forth to properly seat. Test to see if properly seated by inverting the turbine (back cap up) and spinning the back cap – the back cap should spin freely.

**You are now ready to install the turbine into the head of the handpiece.**

8. Holding the turbine/back cap combination by the back cap with the bur end up, insert it into the head of the handpiece and carefully screw the back cap to the head ½ turn. Gently move the bur from side to side to help seat the turbine fully in the head. *The bur should always spin freely during this step. Continue to do this until the cap is fully secured. If bur does not spin freely at any time during this step, stop, and repeat step.*
9. Fully tighten back cap with the wrench.
10. Place 3 drops of handpiece lubricant in to the drive air tube. Operate handpiece until all excess lubricant is expelled.
11. If the handpiece does not run smoothly or if it makes an unusual noise after all lubricant is expelled, reinstall the turbine.

To extend the life and maintain the performance of your highspeed handpiece, clean, then lubricate, and then expel all excess lubricant before each autoclave cycle. Always operate below 38psi and avoid using extended burs.

Warranty on this product is six months.

**For technical support call 1-631-675-6961**