

**STAR 430 SERIES STANDARD CHUCK  
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 of the handpiece.
2. Using an explorer, remove the worn “O” rings from inside the head of the handpiece. It’s possible that the worn “O” rings are not in the head, but still attached to the front bearing of the spent turbine.
3. Using an explorer, remove the worn “O” rings from inside the back cap. It’s possible that the worn “O” rings are not in the back cap, but still attached to the rear bearing of the spent turbine.
4. Thoroughly clean the head and back cap with spray cleaner (or spray lubricant) and a cotton swab. Use an air syringe to blow any remaining cotton fibers from within the head of the handpiece and from inside the back cap.
5. Hold the new turbine upright (bur end up) and carefully insert the rear bearing (opposite the bur end) into the back cap.

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

6. 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 slightly 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 the bur does not spin freely at any time during this step, stop, and repeat the step.*
7. Fully tighten the back cap with the end cap wrench.
8. Place 3 drops of handpiece lubricant into the drive air tube. Operate the handpiece until all excess lubricant is expelled.
9. Test the handpiece operation. If after a brief test period the handpiece does not run smoothly, or if it makes an unusual noise, re-install the turbine.

To extend the life and maintain the performance of your high-speed handpiece always operate the handpiece below 38 PSI, and avoid using extended burs.

Warranty on this product is 6 months. **For technical support call us at 631-675-6961.**