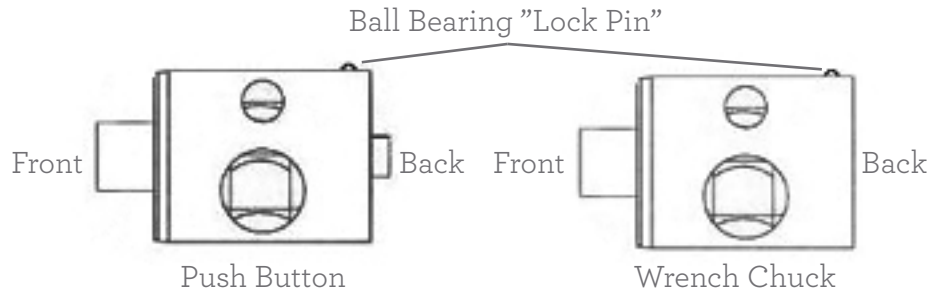


**Instructions for replacement high-speed canister-style turbine:**  
(Item #15-76, 15-80, 15-79, 15-77, 15-89, 25-61, 25-62, 25-74, 25-76, & 25-79)



**IMPORTANT - READ BEFORE PROCEEDING**

Before replacing turbine, carefully examine handpiece head for dents. If there is any evidence of dents in the head, return the entire handpiece to American Dental Accessories, Inc. for repairs. Do not install replacement turbine into handpiece. Installation will result in permanent damage to the turbine. Alternatively, you may purchase a handpiece turbine cavity reamer from American Dental Accessories, Inc. to remove the dents on your own.

**REMOVAL:**

1. Using end cap wrench, unscrew cap from handpiece head and remove worn turbine by pushing out from the front (bur end). Only remove the end cap using the appropriate tool. Use of a pliers or inappropriate tool will cause damage to the handpiece.
2. CAUTION: Interior of head must be inspected for foreign material and debris-- remove if present. THOROUGHLY CLEAN AND LUBRICATE INTERIOR OF HANDPIECE HEAD WITH HANDPIECE LUBRICANT-CLEANER.

**INSTALLATION:**

1. Replacement turbine will have a small ball bearing ("lock pin") on the top of the canister. (Exception - on the canister for the Healthco Push 'N Swivel & some NSK canisters, the lock pin is a machined dimple approximately 1/8" long.) The lock pin should line up with a small indentation on the inside at the top of the handpiece turbine cavity. If not properly aligned, damage may be caused to the handpiece and/or turbine preventing proper function.
2. Holding handpiece face down, screw end cap until flush against handpiece head. CAUTION: End cap should be tightened securely with wrench to ensure safe positioning of turbine.

**BEFORE OPERATING HANDPIECE, FOLLOW STEPS 1 THRU 3 BELOW:**

1. Install bur securely into turbine. Roll the bur between fingers to make sure bearing turns freely. If you feel any resistance, remove turbine and reinstall. NOTE: If difficulty in installing replacement turbine persists or bur does not turn freely between your fingers. DO NOT OPERATE HANDPIECE. Return the entire handpiece and replacement turbine to American Dental Accessories, Inc. for installation.
2. Install handpiece onto your tubing connector and operate foot control. DO NOT OPERATE HANDPIECE without bur securely fastened into turbine.
3. Lubricate handpiece with handpiece lubricant such as American Dental Accessories, Inc. Pro Lube+.

**MAINTENANCE:**

In accordance with FDA recommendations, after each use on a patient, the handpiece should be sterilized. Prior to sterilization, clean the handpiece with a handpiece cleaner such as American Dental Accessories Pro Klean by dropping a few drops in the drive air hole and running the handpiece until all debris has been flushed. Repeat as necessary until only debris-free cleaner is expelled from the handpiece. It is best to have a dedicated flushing system in the sterilization area for this purpose and to avoid contaminating your equipment.

Sterilize the handpiece in a chemical vapor or steam sterilizer at or below 275° F. Do not leave the handpiece in the sterilizer to dry, handpiece should be air dried outside the sterilizer.

After sterilization, allow handpiece to cool completely and lubricate handpiece with handpiece lubricant such as American Dental Accessories, Inc. Pro Lube+. A few drops of lubricant (or a quick spray) should be placed into the drive air hole of the handpiece per the following diagram:

After placing lubricant, the handpiece should be run for approximately 15 seconds to distribute the lubricant throughout the turbine.

For push button turbines, at least once a week lubricate the chuck by placing a few drops of lubricant into the bur end of the turbine and then placing a bur within and gently moving it back and forth with the chuck opened.

For additional maintenance information, contact American Dental Accessories, Inc. at 1-800-331-7993 for a complimentary copy of our handpiece maintenance guide (item #15-00).

#### **PRECAUTIONS:**

(The following precautions MUST be observed to preserve the warranty on the replacement turbine)

- Always keep drive air pressure below 35 P.S.I.
- Do not autoclave above 275° Fahrenheit (135° C). Your sterilizer should be checked monthly to verify correct operating temperature.
- Do not sterilize with dry heat
- Do not run without a bur or bur blank securely in the turbine.
- Do not run handpiece unless bur is fully seated in the turbine.
- Always remove the bur or bur blank prior to sterilization to prevent damage to the chucking mechanism.
- Never use any type of disinfectant or cold sterilant on the turbine.
- Do not submerge handpiece in running water or an ultrasonic cleaner.
- Always test handpiece before use on a patient.
- Never activate the chuck while a handpiece is running, and do not use a handpiece for retraction.
- Warranty on turbine is ninety days.
- Warranty does not cover misuse or abuse. For warranty claims turbine and handpiece should be sent to American Dental Accessories, Inc. for repair or replacement of turbine at our option. No other warranty is expressed or implied.