

Installation

Be sure that the hose you use to connect your Rotary Tool to your air source is rated for the output pressure of your compressor. The Rotary Tool requires a minimum of 1.5 CFM of air at 50 PSI (1/4 HP compressor) which is also the recommended operating pressure if you have purchased a Rotary handpiece only. You MUST install an industrial filter/separator in your air line. The filter is provided as part number 004-579.

Other things to remember:

1. Do not operate without a bur in the tool.
2. Always use burs with .0626/.0630 shanks. Glendo bur sets are of this type.
3. Insert your bur completely to the bottom of the chuck by pressing handpiece and bur onto wood or other soft material.
4. NEVER press bur ejector while the handpiece is running.

Technique

Ultra high speed turbine handpieces have quite a bit of horsepower, but very little torque. We have found that a feather touch or a brushing technique removes the most material possible. With this method, you have a superior tool for fine, delicate, intricate, and exacting work.

Safety

1. Eye protection is a must. Use safety glasses or goggles. If dust is generated, use a dust mask.
2. Keep your work area clean.
3. Keep children away.
4. Do not force the tool, and always use the right bur.
5. Keep the foot control out of the way to avoid accidental starts.

Replacing the Turbine Assembly

Remove the turbine assembly only when it needs to be replaced. Loosen the turbine assembly with an adjustable wrench or the turbine assembly wrench or the turbine assembly wrench provided with your Rotary Handpiece. Remove it in counter-clockwise rotation. Handle the new turbine assembly carefully and keep it clean. Screw in the new assembly and tighten it with the wrench. NEVER clean the turbine in an ultrasonic cleaner. Lubricate after installation and follow the

instructions above for lubrication. Reorder Turbine assembly No. XXX-XXX.

Replacing the Collet

Remove the turbine assembly by following the instructions above under "Replacing the Turbine Assembly." Wrap a cloth material around the turbine itself, and insert the collet wrench through the other side. Turn counter-clockwise to remove. DO NOT use pliers or any other tool to hold the turbine because you can easily damage it. Remember that the turbine is delicate. Take a pipe cleaner and dip it into alcohol, allowing it to semi-dry. When semi-dry, use the cleaner to remove dirt inside the turbine assembly before replacing the collet. It is important to use as little alcohol as possible as this alcohol could remove some of the lubricant in the turbine bearing. Install the new collet in the same manner that you removed the old one. Reorder collet No. XXX-XXX.

Replacement Parts

- XXX-XXX Turbotool handpiece only. With repair wrenches and instructions.
- XXX-XXX Replacement turbine.
- XXX-XXX Replacement collet.
- XXX-XXX Replacement Foot pedal.
- XXX-XXX Replacement tubing, 12' length.
- XXX-XXX Replacement regulator/filter.
- XXX-XXX Replacement gauge
- XXX-XXX Turbolube turbine lubricant in 6 oz. aerosol can.

Glendo Corporation
900 Overlander Rd.
Emporia, KS 66801
USA

Telephone: 800-835-3519
Fax: 316-343-9640