



Call 844-560-7854 For Handpiece Repair

TECH TIPS THAT INCREASE HANDPIECE LIFE

AUTOCLAVING:

Be sure to vent bags after sterilization.

Best to use bags with one paper side.

Always close Power Levers before autoclaving.

Bag handpieces individually.

Couplers should not be sterilized.

Never place any handpiece in the ultra-sonic unit.

After autoclaving always allow to reach room temperature (slightly cool).

Remove prophy cups and burs before starting Contra-Angle maintenance.

Disassemble Contra-Angles, clean with alcohol, lube, reassemble and sterilize.

Steam autoclaving, 6 to 10 minutes, is least damaging.

If autoclaving handpieces more than three times a day - increase inventory.

Be careful not to knock hot handpieces together, turbines are very fragile then.

Remove handpieces from tray carefully with tongs, don't "dump out".

Remove from autoclave, or chemiclave, immediately after cycle to cool.

Never sterilize with a bur installed.

Be sure bags do not touch the walls of the chamber.

Elevating heads while cooling helps to eliminate condensation in turbine area.

Don't pack chamber so tightly steam penetration is restricted.

Do not exceed 275° (135°C) in sterilizer.

Never place under water to cool.

OILING PROCEDURES:

Place one drop of lube into auto-chucks once a day.

If Power-Levers get stiff, place one drop of lube into cap while open, close then clear.

Check manufacturers guide for lube points.

Lube and purge before autoclaving to clean turbine.

Always run, with bur installed, to expel excess lube.

Cover and run to full speed, if affluent is dark, repeat.

Never oil, or use handpieces, while still warm.

Lube Slow-Speed Motors once a week, or when sluggish.

If Slow-Speed Motors are autoclaved between patients then lube each time.

Lubricate sheath lock rings, directional switches, speed change rings, etc.

Be careful not to over-lubricate Slow-Speed Motors.

Self-Cleaning, liquid lubricant (oil) works best.

WE RECOMMEND "VECTOR SPRAY" FOR ALL OF YOUR LUBRICATION NEEDS

AIR PRESSURES:

Pressures should run between 35 to 40 PSI.

Have pressure measured at the connectors.

If torque is low, check for low air pressure.

Replace Star and Kavo quick-connect O-Rings regularly for proper pressure.

Chips from worn quick-connect O-Rings can plug water lines.

Worn O-Rings on quick-connects can cause water to leak out exhaust.

Replace end gaskets on handpieces regularly.



GENERAL:

Never use rusted burs.

Use a large head if surgical length burs are needed.

Careful using lab and acrylic burs, some exceed shank diameter size for chucks.

Reverse air through chip air/water lines for a quick clean out.

Never spray anything into a hot handpiece, cool propellants cause rapid retraction.

Shanks of Carbide burs tend to be under-size, may slip in worn chucks.

Wipe off any excess spray disinfectant, will cause corrosion in threaded connectors.

Clean Fiber Optic ports often with isopropyl alcohol, Q-Tips work well.

Be careful not to drop a handpiece with a bur installed, will severely damage turbine.

Replacing turbine O-Rings every 3 to 4 months can increase life.

Shorter burs in Quiet-Air manuals will pinch chucks on tapered section of shank.

Never pull burs out from their seated position to extend.

Check for worn bur tool before replacing chucks.

A cracked chuck will keep tool from tightening bur.

Code handpieces for each operatory.

A minimum of four handpieces is recommended for each op.

Do not use disinfectants containing phenol, acid, or chlorine.

Never submerge handpieces in any liquid during cleaning.

Do not immerse handpiece in cold sterilant or chemical disinfectant.

Warranties are often voided if failures are due to improper autoclaving, lubricating, contamination, dropping, disassembling, tampering, or any type of abuse.



Enduro Repair, LLC

CALL TOLL FREE: 844-560-7854

For Repairs & "Vector Spray" Lube