

## HANDPIECE PREVENTATIVE MAINTENANCE CHECKLIST

Regular maintenance of StarDental® handpieces will ensure their proper operation, minimizing the cost of the product over its expected lifetime. The following checklist includes instructions for both daily and periodic care. Detailed instructions on reverse.

### HIGH-SPEED HANDPIECES

#### After each use

- Clean exterior of handpiece with isopropyl alcohol.
- Sterilize at maximum of 135°C.
- Allow to dry completely. Damage may result if not allowed to completely dry before use.

#### Weekly (Per detailed instructions on reverse)

##### Turbine Housing

- Check end cap for proper function.
- Check turbine for grittiness or dragging.
- Clean inside of turbine housing.
- Lubricate inside front o-ring seating.
- Return turbine and secure end cap.

##### Chuck

- Clean with Junk-Out™.

##### Handpiece Back End

- Clean inner swivel attachment groove.
- If lubricated handpiece only, lubricate drive air with DentaLube® II.

##### Swivel

- Check fiber optic glass.
- Inspect o-rings.
- Inspect rear seal.
- Lubricate o-ring.

**See reverse for detailed maintenance instructions. For illustrated directions, consult the Handpiece Maintenance section in the DentalEZ catalog or visit our website at [www.DentalEZ.com](http://www.DentalEZ.com).**

Questions? Call  
Handpiece Repair 4u  
855-349-7669



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## DETAILED WEEKLY MAINTENANCE STEPS

### Turbine Housing

- Press on end cap. Ensure end cap springs back. Makes sure end cap does not stick on one side.
- Place bur into bur tube and press until resistance is felt. Press end cap and push bur fully into bur tube. Press end of bur gently against hard surface to set bur.
- Spin bur with your hand. Feel for any grittiness or dragging of the bur.
- Remove end cap using provided tool and remove turbine.
- Using alcohol and cotton tip, clean the inside of the turbine house. Air dry.
- Using mineral oil and cotton tip, lubricate the bottom edge of the inner housing.
- Return turbine and secure end cap.

### Backend

- Using alcohol and cotton tip, clean inside edge of backend of handpiece.
- If lubricated handpiece – place two drops of StarDental DentaLube II into the drive air line.
- With bur in place, operate handpiece for 20 seconds to expel excess oil.

### Turbine and Chuck

A build-up of debris can cause interference to the proper operation of the chuck. Weekly maintenance using StarDental Junk-Out Chuck Cleaner (263790) is critical to maintain the chuck's performance and prevent premature turbine failure.

- Dip provided brush into Junk-Out.
- Insert Proxybrush into chuck as though inserting a bur.
- Insert and remove brush several times.

### Swivel

- Check fiber optic glass by holding swivel up to light and look through front end.
  - Check glass for damage i.e chips, dirt.
  - Clean glass if necessary with soft cloth.
- Inspect o-rings on front end of swivel for damage or any signs of drying such as cracking. Replace if necessary.
- Using mineral oil and cotton swab, lubricate the outer o-ring.
- Inspect the rear seal for damage or any signs of drying such as cracking.
- Replace if necessary.

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