RDH[®] Handpiece Maintenance Instructions

Prior to sterilization:

Maintenance procedures using Midwest Plus™ Handpiece Cleaner/Lube (#380140) and Midwest Plus Handpiece Lubricant (#380130)

 Remove disposable prophy angle or prophy cup depending on which type of RDH handpiece is being used.



- 2. Disconnect motor from hose.
- **3.** Spray Midwest Plus Handpiece Cleaner onto external surfaces of handpiece only.
- **4.** Scrub and rinse external surfaces of handpiece under warm tap water with a soft brush or sponge.
- 5. Dry thoroughly with a gauze pad or paper towel.
- Place 3 drops of Midwest Plus Handpiece Lubricant into the drive air tube. The drive air tube is the shorter of the two big tubes at the back of the handpiece, and is a gold color on newer handpieces.
- 7. Run handpiece for a minimum of 30 seconds on the hose or use a Midwest Air Station (#380800) until it reaches normal speed and all excess lubricant has been expelled. This ensures that the internal working parts of the handpiece are completely lubricated.
- 8. Wipe off any excess lubricant on the outside of handpiece with a dry gauze pad or paper towel.
- 9. Insert handpiece into sterilization bag and load into autoclave. Midwest recommends using sterilization bags with at least one paper side. Handpieces should be processed in the autoclave for 15 minutes at sterilization temperature of 135°C (275°F).



For cassette chamber saturated steam devices, handpieces should be processed unbagged for 3.5 minutes at sterilization temperature of 135°C (275°F).

10. The RDH handpiece is now ready for use.

Weekly or as-needed maintenance:

Lubricate swivel junction:

- Place 2 drops of Midwest Plus Handpiece Lubricant on the swive junction.
- Twist swivel to work lubricant into junction.
- Wipe off any excess lubricant on the outside of handpiece with a dry gauze pad or paper towel.

Lubricate angle on Midwest RDH with Prophy Right Angle:

- Using the plastic wrench (supplied with handpiece), unscrew angle from handpiece.
- Place angle in a beaker of Midwest Plus Handpiece Cleaner and place in ultrasonic cleaner for 10 minutes.
- Place beaker in ultrasonic cleaner for 10 minutes.
- Scrub and rinse angle under warm tap water with a soft brush or sponge and dry thoroughly.
- Apply 1 drop of Midwest Plus Handpiece Lubricant on gears inside head.
- Apply 1 drop of Midwest Plus Handpiece Lubricant to gear teeth on handpiece sheath.
- Reassemble and sterilize.

IMPORTANT: Use only Midwest products recommended by DENTSPLY to maintain your handpiece.

