

Hayes 10-STEP PROCESS for servicing your high-speed handpiece

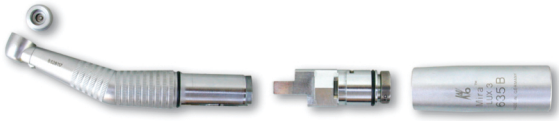
1 Schedule a free pick up

2 Use customized software to determine if handpiece is covered under warranty

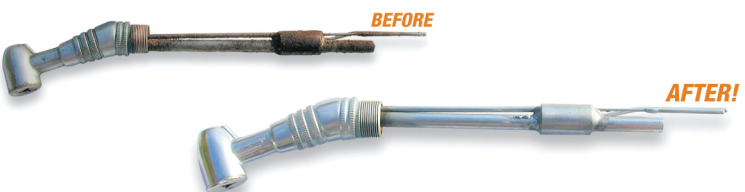


3 Diagnose the problem

- Test water spray, chuck strength and turbine
- Test for air leaks
- Check fiber optics
- Look for any cracks or dents
- Ream head if applicable



4 Disassemble the handpiece, removing all moving parts and components



5 Clean the handpiece externally and internally

- Remove all debris, including rust, from the drive air tube, exhaust tube and chip air and chip water tubes
- Clean internal and external head and remove dents
- Clean and polish external shell and fiber optic ports

6 Check impeller and spindle for wear and nicks

7 Test for concentricity

- Perform concentricity tests using proprietary concentricity gauge
- The concentricity gauge allows Hayes technicians to prevent bur deflection from exceeding .0011 inches, which reduces stress and potential damage to the handpiece turbine



8 Overhaul handpiece and reassemble

- If the turbine is rebuildable, rebuild with premium parts and bearings to OEM standards
- If the turbine failed chuck strength and/or concentricity tests, install a replacement turbine (your choice of OEM or aftermarket turbine)
- Inspect and repair water spray to ensure proper atomization
- Check water and chip air tube
- Replace O-rings, fiber optics and end gasket if applicable
- Rethread if applicable



9 Test torque, RPM and noise



10 Deliver handpiece and review maintenance procedures with your staff

- Discuss maintenance for handpieces and attachments
- Review different types of lubricants and cleaners
- Check air pressure for each handpiece
- Review autoclaving and related procedures

