



*Performance Through Innovation*

# Instructions for Use

50003-140109 v12



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Your handpiece has been upgraded with a ProDrive Replacement Turbine.

Use of the ProDrive Replacement Turbine does not change the sterilization procedures in your office. Please continue to follow the sterilization procedures as outlined by the manufacturer of your handpiece.

The drive air pressure and cooling water delivery for operating the handpiece is identical to that of your handpiece prior to its upgrade. Please refer to your original handpiece manual for these details.

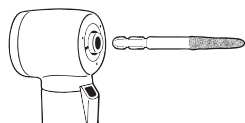
Handpieces containing the ProDrive Replacement Turbine are to be used intraorally by trained dental professionals for drilling and preparation of dental cavities for restoration, such as fillings.

This product is not intended to be used for oral surgery.

## 1. ProDrive Bur Use

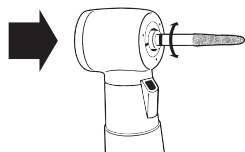
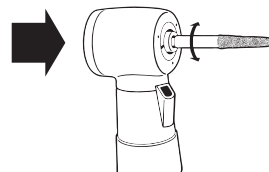
### THREE STEPS TO INSERTING THE PRODRIVE BUR

**You must use ProDrive burs in your ProDrive-upgraded handpiece.**



i) Without depressing the push button, gently slide the bur into the spindle until it stops (meets resistance, cannot insert any further).

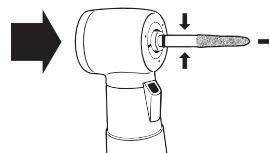
ii) Firmly depress the push button and at the same time, with thumb and forefinger push and rotate the bur into the drive mechanism. Release pressure on the push button. Push/pull the bur to ensure it is seated fully. The bur is now seated in the normal position, and is locked in place.



iii) To extend the bur depress the push button pull the bur out about 3 mm until you see the index mark. Release pressure on the push button and push / pull on bur until it clicks into place. The bur is now locked in the extended position.

### REMOVAL OF THE PRODRIVE BUR

i) To release the bur from the drive mechanism, depress the push button and at the same time, grasp the bur and remove it. Release the push button.



We recommend using a ProDrive bur block for quick and easy visual identification within the operatory.

**Warning:** Do not press the push-button cap when the handpiece is in use. This may damage the turbine and accidentally eject the bur causing serious injury. Discontinue use immediately if a bur becomes loose or unstable. Do not use a handpiece with a worn chucking mechanism and never use bent, off-center or scratched burs. The excessive loads generated by defective burs will quickly damage turbine bearings.

## 2. Cleaning, Lubrication, Disinfection and Sterilization

Please follow the cleaning, lubrication, disinfection and sterilization instructions provided in the original owner's manual that came with your handpiece. Handpieces must be sterilized after each use to prevent cross-infection. Used burs can be cleaned and sterilized as determined by the dentist.

## 3. ProDrive Handpiece Identification

Because traditional friction-grip burs will not fit into the ProDrive Replacement Turbine, and any attempt to forcibly insert friction-grip burs may damage the Turbine, we recommend that you identify which of your handpieces have received a ProDrive upgrade. An upgraded ProDrive handpiece will be marked with a special colored band or tape to help you quickly distinguish it from your other handpieces. We recommend that you visually inspect the handpiece after each sterilization to ensure that the band is still in place.

## 4. Operation

Always operate your handpiece with the bur inserted.

Ensure drive air pressure does not exceed the recommended pressure defined by your original handpiece owner's manual. Exceeding recommended pressure causes premature bearing failure.

## 5. Storage

Please follow the storage instructions provided in the original owner's manual that came with your handpiece.

## 6. Warranty

ProDrive warrants the ProDrive Upgrade Turbine Spindle to be properly functioning and free from defects in material and workmanship for a period of 12 months from the date of installation. ProDrive warrants the ProDrive Upgrade Turbine Bearings to be properly functioning and free from defects in material and workmanship for a period of 12 months from the date of installation. To ensure successful warranty claims the customer is obligated to follow lubricating, cleaning and sterilization procedures outlined in the original owner's manual of the handpieces.

## 7. Customer And Technical Support

Should you experience any problems, please contact your ProDrive dealer or contact ProDrive at customerservice@prodrivesystems.com, or via the web at www.prodrivesystems.com or call toll free at 1-866-937-8882.

## Manufacturer:

### USA

ProDrive Systems Inc.  
812 Commerce Park Drive  
Ogdensburg, NY 13669

### Canada

ProDrive Systems Ltd.  
1665 Russell Rd., Unit 1  
Ottawa, ON K1G 0N1

PRODRIVE SYSTEMS INC.  
812 COMMERCE PARK DRIVE  
OGDENSBURG, NY 13669

PRODRIVE SYSTEMS LTD.  
1665 RUSSELL RD. UNIT 1  
OTTAWA, ON K1G 0N1

SALES & ADMINISTRATION  
4710 ST-AMBROISE, SUITE 225  
MONTREAL, QC H4C 2C7

**1-866-937-8882**  
*www.prodrivesystems.com*