

Before attaching this handpiece please read these instructions. They should always be followed to reduce the risk of personal injury or damage to the handpiece.

Always wear proper eye protection while using this handpiece. Wear safety glasses or a face shield whenever you operate a Foredom Flexible Shaft machine or any power tool to prevent serious eye injury.

Always use a proper dust collection system or wear a respirator to prevent the inhalation of dust particles, or other debris into the lungs.

See your power tool owner's manual for complete instructions on use and maintenance.

IMPORTANT INSTRUCTIONS For Foredom® Handpiece H.44HT

Repair Service

Factory repairs are done promptly and at reasonable cost. If you wish, you can send your equipment directly to the factory marked "Attention: Repair Department". Be sure include a brief note describing the problem and to give your phone number, email and street address. Estimates will be made upon request.

Never wear open shoes or sandals. Use footwear that is tough enough to protect your feet from falling tools.

Keep both hands and fingers away from the cutting edge at all times.

Form 1290 n 1/12

Printed in USA

Do not wear loose fitting clothing or jewelry. Loose clothing or jewelry can be come entangled in the tool. Do not wear items such as neckties or jewelry when operating power tools. Secure or tie back long hair.

Use both hands whenever possible to hold and guide the tool.

Never use a damaged, bent, vibrating, or out of balance accessory.

Avoid knots, imperfections in the wood or metal objects like nails, which could catch or damage the tool bit. Let the speed of the tool do the work.

Lubrication of Flexible Shaft continued:



Slide both the outer sheath and the silencer spring off of the flexible shaft. Usually the silencer spring remains inside the sheath when you remove it.

Every 200 hours the flexible shaft should be thoroughly cleaned with a solvent. Apply a light film of Foredom grease (MS10006) to entire length of inner shaft. Reattach outer sheath and run motor for ten minutes before reconnecting handpiece. Turn off motor, wipe off excess grease from tip of drive shaft and reconnect to handpiece per instructions on reverse.



Changing Accessories

Be sure the shank size of the accessory is paired with the same size collet. Inserting an accessory which is too small or too large may damage the collet.

Insert the pin provided into the pilot hole and through the spindle hole (turn spindle to align holes). Apply wrench and loosen chuck nut slightly by turning counterclockwise. Insert shank of the accessory into the collet. Tighten chuck nut with wrench, keeping pin in pilot hole. Test for a secure hold by pulling on accessory. Remove pin.

Changing Collets

The collets that come with your handpiece are for holding burs and other accessories with 3/32", 1/8" or 1/4" shank sizes. Be sure the shank size of the accessory is paired with the same size collet.

Never screw the chuck nut back on too tightly.

To change a collet insert pin into the pilot hole and through the spindle hole (turn spindle to align holes). Apply wrench and unscrew chuck nut by turning counterclockwise. Remove chuck nut to expose collet and pull collet out of handpiece spindle. Slip new collet in place and screw on chuck nut with pin and wrench.



Pliers are useful for removing collets

Attaching H.44HT Handpiece to the Flexible Shaft

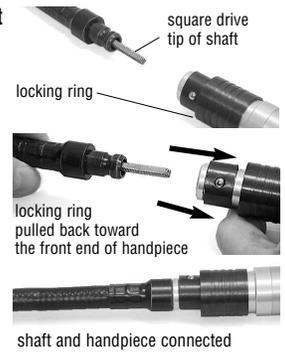
It takes a fairly strong grasp of the locking ring to pull it back.

Be careful that your finger or thumb does not get pinched when you release the locking ring.

Pull back the black locking ring toward the front end of the handpiece while you insert the tip of the flex shaft. The handpiece has a square slot that the square drive tip fits into. You may need to rotate the handpiece slightly until the square drive engages the spindle. Release the locking ring when you feel the shaft connect to the handpiece. You should hear a click.

To remove handpiece

Pull back the locking ring as described above with a firm grip and pull the shaft and sheath from the handpiece.



For more information on this handpiece and other Foredom tools, contact your local dealer. When no local dealer is available, write: The Foredom Electric Co., 16 Stony Hill Rd., Bethel, CT 06801, call (203) 792-8622, fax (203) 796-7861, or email: customerservice@blackstoneind.com.

Visit www.foredom.net for the latest information and how-to videos!

Maintenance and Lubrication

Handpieces: no lubrication is required. Putting oil or grease into the front or back of these handpieces will damage their pre-lubricated ball bearings. The collet seat and threads of the handpiece should be kept free of dirt, chips, dust or debris.

Flexible Shaft: Every 50 hours of use the flexible shaft should be checked, wiped clean and relubricated. Unscrew outer sheath connector nut (left hand thread) and remove inner drive shaft. The shaft is threaded through both a silencer spring and the outer sheath.

Continued on reverse



If you tighten an empty collet or insert an accessory shank which is too small or too large you may damage the collet.

Collets for H.44HT

P/N	Capacity	P/N	Capacity
HP442	3/32" *	HP447	1/4" *
HP443	1/8" *	HP448	3mm
HP444	5/32" *	HP449	6mm
HP445	3/16"		

*Supplied with handpiece

HP440 Set Includes all seven collets.

MAHH-30



Handpiece Accessories and Spare Parts

A Handpiece Holder is available that clamps to work benches up to 2 1/4" thick. The height above the bench can be adjusted and the

handpiece can be swiveled and locked into position. Pins and wrenches that are lost or damaged can be ordered from your dealer or the factory.

Part No.	Description
MAHH-30	Handpiece Holder
HP103117	Pin and Wrench

LIMITED WARRANTY

Warranty period is 90 days for handpieces.

Blackstone Industries, Inc. d/b/a The Foredom Electric Company warrants, to the original purchaser only, that its products will be free from defects in material or workmanship for the applicable period of time indicated above following the purchase date. During the warranty period, the defective product will be repaired or replaced without charge or, at our sole option, the purchase price will be refunded. This warranty does not cover damage caused in transit or by accident, misuse or ordinary wear.

ALL IMPLIED WARRANTIES INCLUDING, WITHOUT LIMITATION, IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY, ARE LIMITED IN DURATION TO THE APPLICABLE WARRANTY PERIOD. IN NO EVENT WILL WE BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

At our sole option, repair, replacement or refund will be made if the product is returned postage prepaid to:

The Foredom Electric Company

16 Stony Hill Road, Bethel, Connecticut 06801

All warranty repairs must be done at our factory at the above address. We will not pay any shipping or transportation charges. Shafts, sheaths and duplex springs are not covered by this warranty.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.