

# IMPORTANT INSTRUCTIONS

## Foredom® Handpieces H.55A, H.56A, H.55D, and H.56D

**Please read instructions before attaching this handpiece.**

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

### For More Information:

For more information on Foredom machines, handpieces, or accessories, contact your local dealer. If no local dealer is available, contact: The Foredom Electric Company, 16 Stony Hill Road, Bethel, CT USA 06801, tel.: 203-792-8622, fax: 203-796-7861 e-mail: sales@foredom.com, or visit our web site: www.foredom.com.

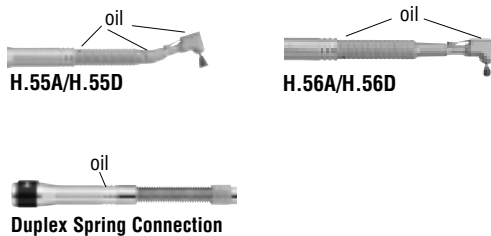
**Always wear proper eye protection while using this handpiece.**

Form 1254 n 5/08

Printed in USA

### Maintenance and Lubrication

It is important to regularly lubricate the gears and spindle of the 55A and 56A. The 55D and 56D require lubrication of the gears, spindle, and duplex spring connection drive axle. **Apply one drop of Foredom handpiece oil (P/N MS10005) in oil holes shown below every one hour of continuous use.**

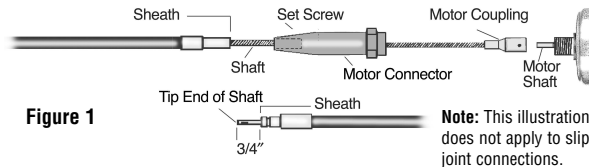


For more information, request: **Handpiece Parts Lists**

**H.55A/H.55D** —Form No. 1140

**H.56A/H.56D** —Form No. 1141

### Instructions for Handpieces H.55A, H.56A, H.55D, and H.56D



### Shaft and Sheath Adjustment

It is important to check the sheath and shaft tip and properly adjust them before you attach this handpiece to your Foredom flexible shaft tool. The tip of the flexible shaft should extend 3/4" beyond the end of the sheath and no more than 7/8" or less than 5/8" (see Figure 1).

On Foredom machines with standard shaft and sheath, this adjustment is made by loosening the set screw in the motor connector and moving the sheath in or out while the motor and shaft/sheath assembly are fully extended and straight while hanging or on a flat surface. When the correct adjustment is made, tighten the set screw in the motor connector.



### Attaching the Handpiece to Flexible Shaft

Attach the handpiece by pushing it on the grooved QD (quick disconnect) fitting on the sheath. Be sure that the keyed tip of the flexible shaft is properly lined up with the slot in the handpiece shaft connector by looking into the rear of the handpiece before pushing it on. If it is not in line, turn the handpiece to the correct position.

### Operation and Use

Foredom angle handpieces contain small right angle gears in their heads. The H.55A and H.55D also have gears in the front portion of the handpiece body. The teeth on these gears can be stripped if excessive pressure is applied to the accessory. Let the speed of the accessory, not pressure do the work. Do not use grinding stones or discs over 3/4" in diameter. **These handpieces are intended for doing intricate, light duty work in hard to reach spots.** To reduce risk of spring breakage or overheating, avoid using a sharp bend in the duplex spring connection in the H.55D and H.56D handpieces.

### Attaching Latch-type Accessories

Push the latch in the head of the handpiece to the right to open and insert accessory. Push latch to the left to lock the accessory. (Right and left are defined as you face the back of the handpiece head.)



### Latch Type Accessories for Angle Handpieces H.55A, H.55D, H.56A, and H.56D

### Standard Latch Type Mounted Abrasive Points and Steel Burs

Maximum Speed Rating 35,000 RPM

**A-M-10 Mandrel**  
3/32" dia. shank  
1/16" arbor hole  
7/8" long

Part No.	Head Dia.	Head Length	
A-RA1	1/8"	1/4"	
A-RA3	3/32"	9/32"	
A-RA11	1/4"	7/64"	
A-RA12	3/16"	3/16"	
A-RA21	1/4"	5/16"	
A-RA31	1/8"	1/4"	
A-RA33	3/32"	9/32"	
A-RA41	1/4"	7/64"	
A-RA42	3/16"	3/16"	
A-RA51	1/4"	5/16"	
A-RA11R	7/64"	7/64"	
A-RA44	3/64"	13/64"	
A-RA62	5/64"	15/64"	
A-RA88	3/32"	7/64"	
A-RA563	5/64"	15/64"	
A-RA850	3/32"	15/64"	

### LIMITED WARRANTY

The Foredom Electric Co. warrants its product to be free of defects in material or workmanship for a period of 90 days after purchase. During the warranty period, the defective product will be repaired or replaced without charge or, at our 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 BUT NOT LIMITED TO WARRANTIES OF FITNESS AND MERCHANTABILITY, ARE HEREBY LIMITED IN DURATION TO A PERIOD ENDING 90 DAYS FROM DATE OF PURCHASE, AND WE WILL NOT BE LIABLE OR RESPONSIBLE FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES. Repair or replacement will be made at our option if the product is returned post-paid to:

**The Foredom Electric Company**

**16 Stony Hill Road, Bethel, CT USA 06801**

All warranty repairs must be done at the factory at the above address. We will not pay any shipping or transportation charges. The HP76 Duplex Spring is not covered by this warranty since it is especially sensitive to the pressure and stress variables of each individual operator. This warranty only covers the original purchaser of the product. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.