For your safety:

The Freedom Micro Motor Handpiece.

- Always wear eye protection while using Freedom Micro Motor Power Tool.
- Read this Manual before operating your Freedom Micro Motor Handpiece.

Micro Motor Hammer Kit for the NO. 1011 Maintenance Manual Operation and
Connecting Foot Pedal (optional)

Never operate with a damaged power cord. If the power cord or plug to the handpiece is damaged, repair or replace immediately.

Do not operate the handpiece in the presence of any flammable liquid or gas.

Always use the WH-011 handpiece in the forward direction.

Always wear proper eye and face protection. Whenever you operate a Freedom.

Safety Instructions
Operating Instructions

Before connecting power cord plug (see Figure 2) to a power outlet, the O/P switch must be in the Off position.

Connecting Power Cord:
is obtained.

Similar to the workpiece until the correct combination of speed and impact.

The handpiece is driven in running. Test the impact on a piece of metal or material.

The force of impact can be increased or decreased by turning the metal ring.

Impact Adjustment

Adapt and tighten the set screw with a Phillips screwdriver.

The handpiece and tighten with the wrench. Insert a 2.35mm shank tool into the handpiece adapter (No. 146) and cardide engraving point (No. A-EF165) can be used.

Turning and beading tools with non-threaded 2.35mm shanks such as this paper.

Three anvil points are supplied so that the tips can be shaped or modeled for

![Figure 3](image-url)

1 - H8-39 Anvil Point Holder (used for shaping the point)
2 - 10562 Pins, used to tighten Anvil Points
2 - H8-38 Open End Wrench (5mm)
1 - H8-35 Adapter for Non-Threaded Shank Accessories (2.35mm shank tools)
1 - H8-32 Anvil Point Adapter for Threaded Anvil Point 10177K
1 - H8-32 Anvil Point Adapter for Threaded Shank Accessories
3 - 10177K Anvil Points with Threaded Shank Accessories

The MH-111 Hammer Handpiece comes with the following accessories and adapters:

Attaching Handpiece Accessories
assembly is completely covered.

4. Screw in place cap and rear of motor housing so that top of brush
   replaces and tightens screws.

3. Re-insert brush assembly into brush tube.

2. With small crosspoint screwdriver remove screws and brush assemblies one at a
   time. Check length of action brush from spring to curved side of brush.

1. Unscrew clockwise direction while gripping handle piece body (if has a standard right
   hand thread).

Figure 4

To Check/Replace Motor Brushes:

The brush is less than 2mm (5/64") long.

Checked for wear periodically (check every 200 hours of use) and replaced when
depending on how long the handpiece is used each day the brushes should be
replaced at the end of each day. A pack of carbon brushes (Part No. 813514) is supplied with each handpiece.

Checking/Changing Carbon Brushes:

Do not use any other cleaning fluids or immerse handpiece in any liquid.

A cloth with a small amount of alcohol solution can be used to clean outside of
handpiece if necessary.

Cleaning Handpiece:

Indication: Putting even a small amount of oil into the handpiece can

The MH-11 has permanently lubricated ball bearings that do not require

Maintenance
WARRANTY

For more information on Freedom Electric tools and accessories contact your local dealer. When no local dealer is available, write:

The Freedom Electric Company
16 Story Hill Rd, Belvidere, CT 06801

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The Freedom Electric Company

Special or Consequential Damages

The Freedom Electric Company is not responsible for any purchase price beyond the cost of the product sold. This warranty does not cover damage caused by improper use or abuse, or failure to follow the instructions for operation or maintenance of the product. For a period of one year after purchase, during the warranty period, the defective product will be repaired or replaced without charge at our option. The product will be repaired or replaced with new or rebuilt product which has been returned to us or refurbished by us. This warranty is not transferable or assignable.

Send your owner's registration card to Freedom Electric. We will keep your card on file.

Repair Services

Owner's Registration Card

Please return your owner's registration card to Freedom Electric. If you have any questions or problems with your product, please call our Customer Service Department at 203-792-8622 or 203-796-7861. Please have your model number and serial number ready when you call. If your product is not performing properly, please return it to your local Freedom Electric dealer. If you cannot locate a dealer, please write:

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