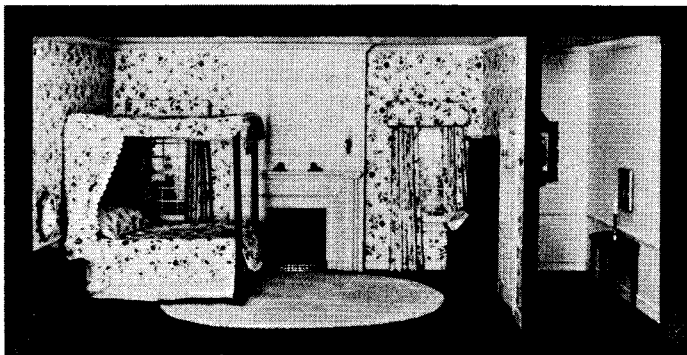
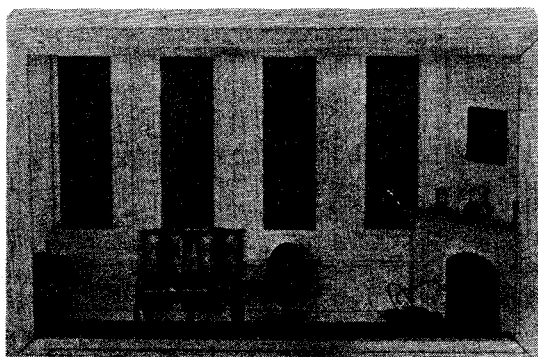
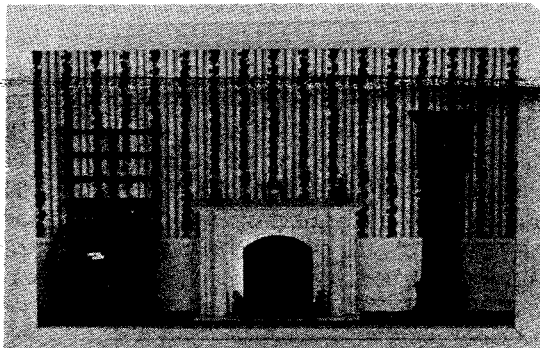


COLLECTORS NO. 42400  
McINTIRE GLASS

ASSEMBLY AND  
FINISHING INSTRUCTIONS

P/N C8280



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# ASSEMBLY

Examine the casting closely, taking care to remove any parting lines or light "flash" with an X-ACTO Knife or needle file.

Assembling this mirror can be a little tricky. For best results, proceed exactly as outlined below. Two types of glue can be used for assembly-five-minute epoxy or one of the "super glues." Either should provide good results, although the methods for working with them are quite different.

Since you will be assembling the mirror and frame as a unit, paint all of the mirror frame pieces completely before assembly. (See Finishing Instructions)

Carefully check the fit of all pieces by assembling them in a "dry run" as outlined below before actually gluing them together.

~~Proceed as follows. Lay the top and bottom of the frame on a flat surface and lay the mirror in place on top and bottom lip. Lay a book or other heavy object at the top and at the bottom of this assembly to keep the pieces from slipping while you work. Now spread the top and bottom far enough to allow you to insert the pillars, but not far enough to let the mirror fall out of position. Lay the pillars in place, ensuring that the leaves on each center pillar match those of the end pillar next to it. Carefully push the entire assembly together with the books until the pillars are firmly seated. Take the pieces apart and~~

go through this procedure several times until it is comfortable for you. (Detail A) Now you are ready for final assembly.

If you use five-minute epoxy, you will apply a drop of epoxy to each of the holes for the pillars. If you use too little glue, the joint will not hold, and if you use too much, the glue will ooze out onto the mirror when you push in the pillar. To find the right amount, test it by epoxying one hole and inserting a pillar; take it apart and clean the epoxy off the pieces and out of the hole before you start the final assembly. With the correct epoxy in all eight holes, follow the same procedure as in the "dry run" for the final assembly, and leave the finished work to dry for a half an hour. (Detail B)

For proper positioning and squaring of assembled mirror you may find it helpful to use X-ACTO Plastic Clamp No. 7004.

If you are using "super glue" the assembly is a lot easier, but you must be more careful using it, or you can destroy your work. If you choose this method, completely assemble the piece as outlined for the "dry run," making sure that everything is exactly the way you want it. Then carefully apply **a single drop** of super glue to each joint at the top and bottom of each pillar and leave it to dry for ten minutes. Under no circumstances touch the joint with your fingers. (Detail C)

# FINISHING

There are two methods to paint the frame. One is to use Rub n' Buff® or a similar product, while the other is to use gold paint.

If you use Rub n' Buff® you will need two colors - Gold and Ebony. First, squeeze out a small quantity of ebony onto an index card and add turpentine with a paint brush until it reaches the consistency of paint. Paint the entire frame with this mixture, and allow it to dry for at least a half hour. Then squeeze out a similar amount of gold, and apply it with the brush, using a light-stroking action that only touches the highlights of the frame. You can add a little bit of turpentine to the gold to make it brush better, but be careful not to use too much. The brush should be almost dry, so you will have to make a number of passes with the brush to deposit enough paint; use almost a "scrubbing" action with the brush. Keep brushing over the frame in this manner until you have applied enough gold to suit your taste. When you are done, the highlights of the frame should be gold, with the deeper recesses still showing ebony. Allow the gold to dry for at least two hours. Then go back with a soft cloth and lightly buff the surface until it shines.

If you use paint: Ordinary hobby paint is fine. You will need two colors - gold and ebony. Follow the instructions given for Rub n' Buff®, except for the final buffing at the end. There is an old artist's trick for working with gold paint - **never** stir it up. Using the paint brush, scoop up some of the gold pigment settled at the bottom of the jar and transfer it to an index card. Then add liquid to the gold until it reaches the painting consistency you want. You can add more liquid to the mixture if it starts to dry out while you are working.

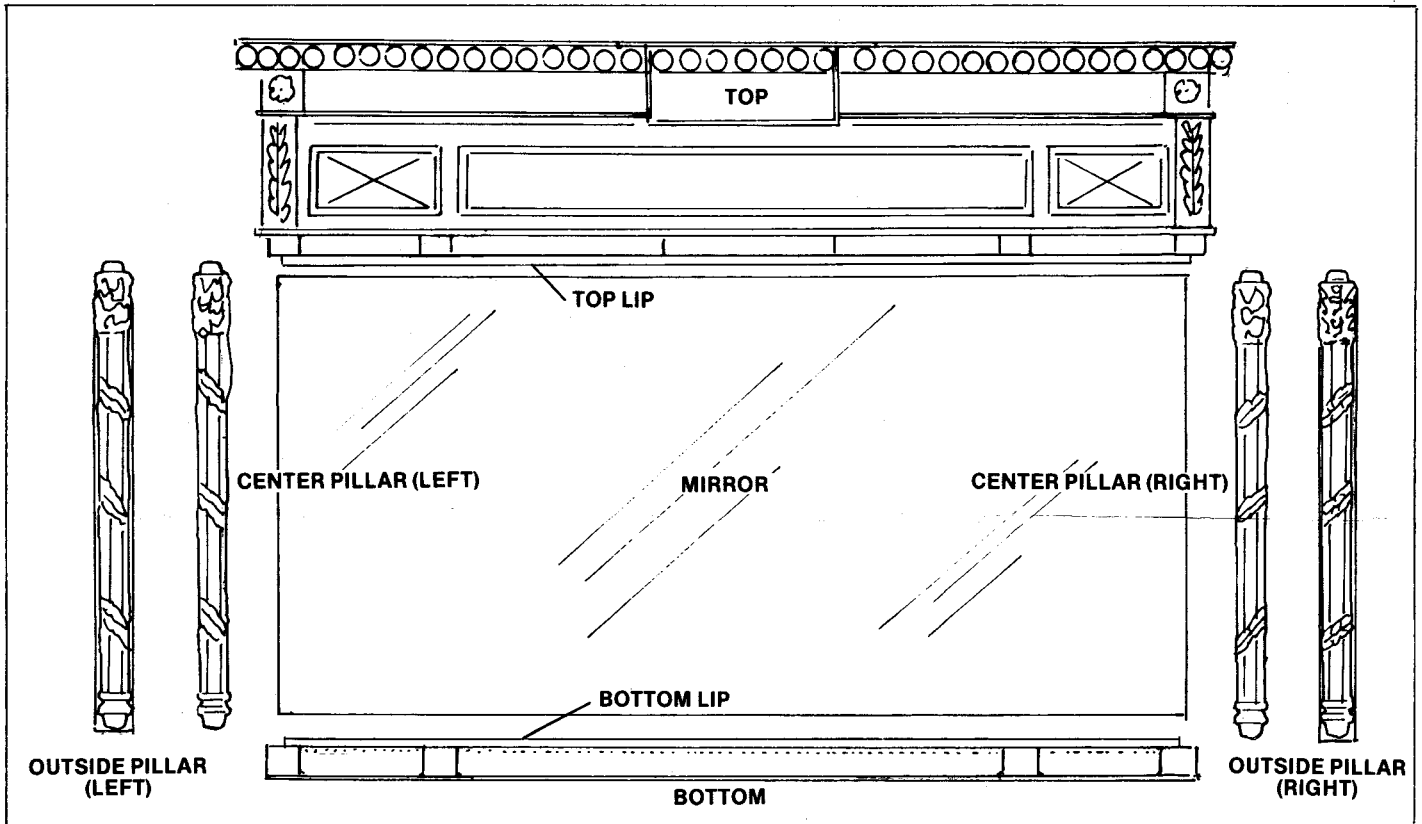
If you do not want an "antiqued" appearance, simply paint the mirror frame gold, using either Rub n' Buff® or hobby paint. (A primer coat is optional. Automotive or household primer will do). Follow the instructions above, disregarding any reference to ebony. If you are unhappy with your work at this point, you can simply soak the frame in turpentine or paint remover, scrub it clean, and start all over again.

Every effort has been made to insure the completeness of this KIT—however, should any parts be missing, write directly to:  
X-ACTO/THE HOUSE OF MINIATURES  
45-35 Van Dam Street  
Long Island City, N.Y. 11101



When ordering missing parts, please Print your name and address plainly. State the missing PART NO. (See LAYOUT SHEET page 2), KIT NUMBER and the Kit Name.

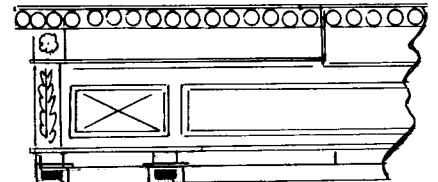
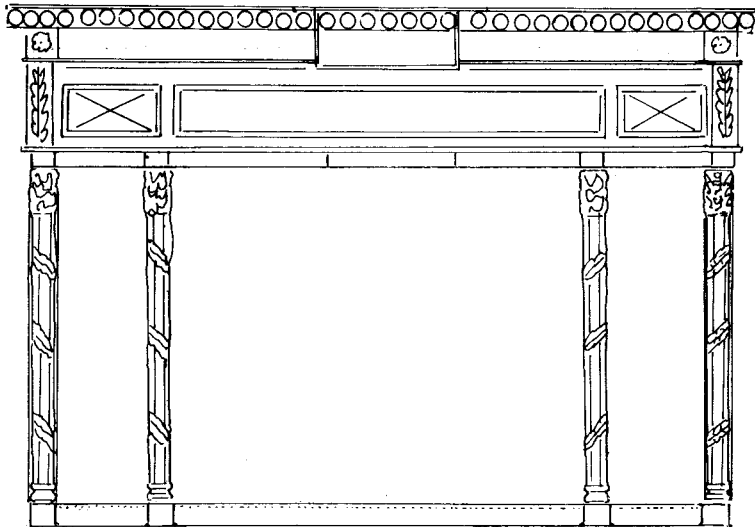
# LAYOUT SHEET



## DETAIL VIEWS

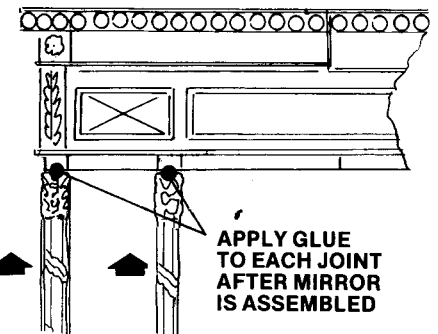
### DETAIL A

PRE-ASSEMBLE MIRROR  
FOR A "DRY RUN"



### DETAIL B

APPLY EPOXY TO  
EACH OF 8 HOLES



### DETAIL C

# INTRODUCTION

## BEFORE STARTING

Identify and account for each part by placing it on the Layout Sheet (make sure the correct layout sheet is used when working on multi-kit Instruction Sheets). Should any parts be missing, send a post card to:

**X-ACTO/The House of Miniatures**  
45-35 Van Dam Street  
Long Island City, N.Y. 11101

Please print Name, Address, Part Number (Number from Layout Sheet) and Kit Name and Number on card when ordering.

## SANDING

**NOTE:** When using sandpaper, remember that the higher the grit number, the finer the finish.

A. One sanding method that has proved successful is the use of a sanding platform. Tape a sheet of sandpaper of the proper grit size to a hard flat surface such as a table top or wood block. Press down lightly and move the piece to be sanded in the same direction as the wood grain until the surface is smooth. Take care not to round any edges or corners of the pieces.

B. Before assembly, sand all the outer surfaces of individual parts with 220 grit sandpaper, or finer. Finish sanding with 280 grit sandpaper or finer.

## PRE-ASSEMBLY

A. After sanding, check the proper location and fit of each part by assembling parts loosely, without gluing. Use the **DETAIL VIEWS** as a guide.

B. All parts for X-ACTO kits are made on precision milling machines. When adjustments are required, sand to fit.

## TOOLS AND MATERIALS

A. The following tools will be helpful in constructing this kit:

1. Knife, X-ACTO No. 1, with Blade, X-ACTO No. 11
2. Tweezer, X-ACTO No. 36
3. Two-inch Sander, X-ACTO No. 42
4. Large Clamp, X-ACTO No. 4004
5. Small Clamp, X-ACTO No. 4003
6. X-ACTO Professional Finishing Kit (or equivalent, see note)

B. The following materials will be needed to construct this kit:

1. X-ACTO Tinted Glue (see note)
2. Waxed paper
3. Sandpaper - 220 and 400 grit
4. Steel Wool - Grade 0000
5. White glue (or equivalent)
6. Small Artist's Brush

**NOTE:** The X-ACTO tinted glue is matched to the finish used in the Professional Finishing kit. This will produce the authentic finish of the period in which the original Furniture was produced. When not using X-Acto finishing kit follow Mfg Specs.

## GLUING

A. Glue should be applied in small amounts to surface being joined. When gluing dado joints apply glue to dado only. On end cuts, it may be necessary to apply a second coat of glue before joining the parts.

B. To ensure a tight fit, squeeze excess glue out of the joints. Hold glued parts together with clamps, rubber bands or weights on the parts.

C. Wipe off excess glue promptly.

D. Be sure a glued assembly has dried thoroughly before adding parts.

## Final Finishing for X-ACTO Professional Finishing Kit

The following process is the same method professional furniture makers use. The end result is what is important—there are easier

methods, but none that will give quality results that this process will.

**NOTE:** READ EACH STEP THOROUGHLY BEFORE PROCEEDING

A. Final Sanding. Lightly dry sand with (280) grit, garnet paper or finer, sanding with the grain. Your surface should, when finished, be very smooth.

B. Seal End and Edge Grains. Using the **Clear Finish/Sealer** as a sealer, apply a coat to all end grains with a small brush. Do NOT allow sealer to touch other surfaces.

**DO NOT LOAD BRUSH WITH SEALER**

**Allow Drying Time - 12 Hours or more**

C. Base Stain. Using the **BASE STAIN**, which is an oil base stain, apply a coat over the entire wood surface using a brush or cloth. **Immediately Wipe Off** all stain leaving an even color over the entire wood surface. This base color will be seen in the high-lighted area after the glaze stain has been applied.

**NOTE:** When finishing drawers - stain the face piece of the drawer only. This will add authenticity to your piece as regular-size furniture never has stained drawer interiors.

**Allow Drying Time - 12-18 Hours**

D. Sealing in Base Stain. In order to seal the base stain from subsequent coats that have the same solvent as the base stain, a sealer coat must be applied. Using the **Clear Finish/Sealer** apply a coat over the entire piece - using a brush or sprayer. Whichever method is used, be sure there are no drop marks. This should merely be a thin coat.

**Allow Drying Time - 12 Hours or more**

E. Glaze Stain. Apply the **Glaze Stain** with a brush, or rag, to the entire surface of your piece of furniture.

At this point you have a choice of achieving two types of finishes. Wiping the glaze stain off evenly until only a thin layer of color remains will produce an attractive finish with the tone you have selected.

**Highlighting** is a technique of light and dark areas that is accomplished by **Toning** or **Rubbing off the Glaze Stain** in areas exposing the base stain. With a soft cloth start blending tones of base stain and glaze stain by rubbing off the glaze stain starting from the middle of the piece and working outwards. The middle should be light with darker tones toward the outside edge.

**THERE SHOULD NEVER BE A SHARP LINE OF DARK TO LIGHT COLOR - BUT RATHER A SMOOTH BLENDING EFFECT.**

**NOTE:** If you are not satisfied with your first attempt in Highlighting. . . merely wipe off the Glaze Stain from entire piece.

**Allow Drying Time - 24 Hours**

F. Final Finish or Top Coat. After the Glaze Stain has dried 24 hours, thoroughly wipe, **BRISKLY, BUT LIGHTLY**, the entire piece with a clean cloth.

Using the **Clear Finish/Sealer** apply an even coat over the entire surface of your piece of furniture with a soft brush, or sprayer.

**Allow Drying Time - 12 Hours or more between each coat**

Two or more coats of **Clear Finish** should be applied with 12 hours drying time between coats. . . after at least two coats have been applied a smoother finish may be attained by lightly buffing with No. 0000 steel wool. If additional coats of finish are applied, lightly buff between coats with No. 0000 steel wool.

**NOTE:** After each steel wool rubbing, make sure all steel wool "dust" is thoroughly removed.

(These instructions are for the Mahogany (P/N 43804), Walnut (P/N 43802), and Colonial (P/N 43803) Finishing Kits).