

## #503 Otto's Parts

### INSTRUCTIONS

Please read through all instruction first. Use plastic model cement or solvent to adhere parts, but avoid contact with detail. Allow glue to dry thoroughly before next step. Remove flash with Fiskars or a hobby knife. Sand to clean the edge. Never sand or cut into detailed edges.

**Sand Draft Angles:** Remove draft angle (angled edges) from the front edges of the side walls (503-2 and 503-4) and both edges of the rear wall (503-3), allowing a flush fit with adjoining walls. Square the edges marked with an "A" by thumbtacking a piece of 150 grit sandpaper to a board and pushing and pulling the part back and forth (Fig. 2).

**Side Panels:** Cut two entry door side panels (503-6) from white styrene stock (.156"x.02"). Make them the same height as the entry door casting (503-5). Glue the side panels to the entry door as shown (Figs. 1 and 4). Now glue the fronts of the side panels to the back of the entry opening on the building front (503-1).

**Wall Assembly:** Glue front wall (503-1) to either side wall. Line up the brick courses, making sure the corners are square and the bottoms of the walls are flush. Allow glue to dry thoroughly. Glue the remaining walls to each other and the first assembly. Several rubber bands will help keep the whole thing together while you adjust the sides to each other.

**Roof Supports:** Cut and glue .08"x.08" styrene roof supports (503-9) around the inside of the walls. Glue the side wall supports first, about 3/16" down from the top of the wall. Glue front and rear wall supports next (Fig. 3 and 4).

**Chimney:** Glue chimney halves (503-7) together. When completely dry, file that and square. Two chimneys are furnished in this kit, however, this building probably would have been equipped with a central heating system, requiring a single chimney.

**Cut and Paint Roof:** Measure and cut roof (503-8) to size. Paint the roof with a black acrylic and set aside to dry.

(instructions continued on back)

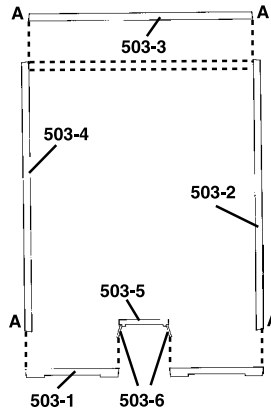


Fig. 1  
Plan (View from Top)

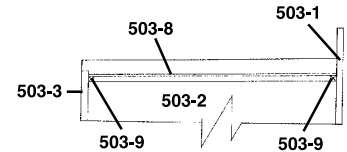
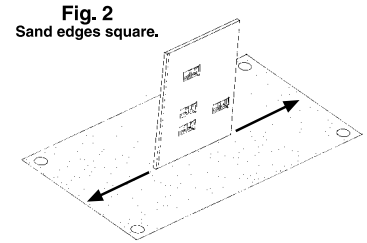


Fig. 3  
Cross Section

DRAWINGS NOT  
TO SCALE

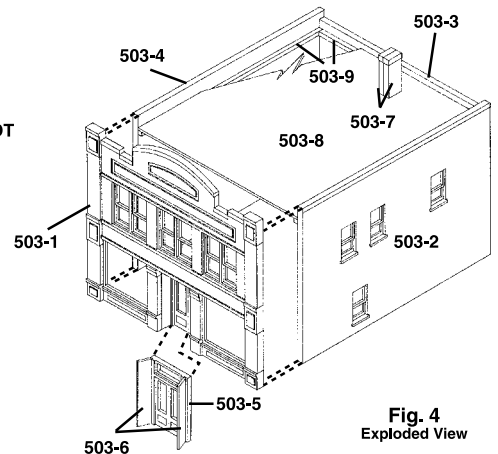


Fig. 4  
Exploded View



Otto's Parts  
#503  
Scale Model Material



N SCALE  
STRUCTURE KIT

## N SCALE

(instructions continued)

**Leveling:** Sand the bottom of the building in a circular motion to level all bottom edges.

**Painting:** Use acrylic paints to airbrush the buildings. We recommend over-spraying the whole building with a light, uneven coat of black acrylic to give it a weathered look. Allow paint to dry.

**Windows:** Cut the window material to size and install over the entire area of window openings.

**Roof Installation:** Glue roof on top of roof supports and glue from beneath.

**Finishing:** Place a piece of black construction paper diagonally inside, from corner to corner, to give the illusion that the building is being occupied.

Otto's Parts is an example of a building style that became common in the 1920s. Buildings of this era were designed for electric lights and central heat: improvements which allowed for smaller windows and lower ceilings than found in earlier buildings. Examples of this style are still found in most U.S. towns and cities. This building is a composite of typical period architecture, not a specific prototype.



Vehicles, figures, & decals not included.

**#503**  
**OTTO'S PARTS**  
2 3/4"W x 3 "D x 2 3/4"H



Design Preservation Models  
P.O. Box 66, Linn Creek, MO 65052  
[www.dpmkits.com](http://www.dpmkits.com)

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