Do It Yourself

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Mahogany Headboard -- Assembly and Finish

From "Wood Works"

episode WWK-403 -- More Projects »

The finishing steps in the headboard project are final assembly and application of a wood finish. The glue-up is straightforward, but takes some time since it must be done in stages.

Materials:

#20 Wood biscuits

Blue carpenter's tape

Slow-setting plastic-resin glue

Clamps

320-grit sandpaper

Hand scraper

Potassium dichromate

Tung-oil wood finish

Paint brushes

Rags

Rubber gloves; Eye protection

Note: Cut sizes may vary. For exact measurements, please contact David Marks through his Web site -- information below under Resources.

Safety Alert: *Always* wear safety goggles or safety glasses when working with wood, power-tools, saws, drills, routers, etc.

Safety Alert: *Always* wear protective gloves when working with wood stains, solvents and other toxic solutions.

Steps:

With the fit checked for all of the elements, glue-up can begin.
 Apply blue carpenter's tape to the edges of the veneers and the joints to catch any glue that squeezes out during the process (figure A).



The completed headboard.



Figure A

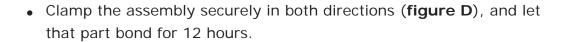


Figure B

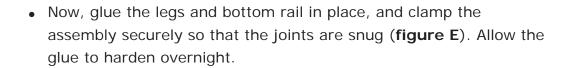


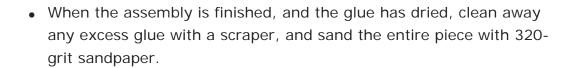
Figure C

- Begin the glue-up by gluing all of the biscuits into their slots (figure B), and the tenons into their mortises.
- Glue the bottom rail in place, then attach the stiles and crest-rail.
 Temporarily add a clamp to the center to pull the joints tight
 (figure C). Attach the legs without glue to confirm the alignment,
 and to act as cawls during the first stage of the glue-up.









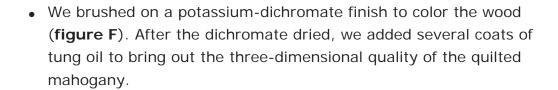




Figure D



Figure E



Figure F

Safety Alert: Potassium dichromate is toxic, so wear gloves and eye protection, and work in a well-ventilated area.

Click here to order your tools and materials for this project from Woodcraft!

RESOURCES:

Fine Woodworking

A magazine devoted to high-quality craftsmanship in woodworking.

The Taunton Press Inc Newtown, CT 06470 Phone: 203-426-8171

Fax: 203-426-3434

Email: service@taunton.com

Woodworking Techniques: Best Methods for Building Furniture from Fine Woodworking

Model: 1561583456

Author: Fine Woodworking Magazine

The Taunton Press Inc Newtown, CT 06470 Phone: 203-426-8171 Fax: 203-426-3434

Email: service@taunton.com

David Marks Website

David Marks, DIY's *Wood Works* host, is a master woodworker. For more information on cut sizes and project details, please contact him via his Website at www.djmarks.com

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