

Model D3830 Router Plane Instruction Sheet



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Introduction

The Model D3830 router plane is designed to square up and clean out a variety of joints, such as dados, half-lap joints, mortises, tenons, and dovetail sockets.

Your plane features cast iron construction, a 1/4" steel blade, a knurled depth-adjustment knob, and a two-handed grip. No assembly is required.

Setting the Blade Height

To set the blade height, loosen the depth adjustment knob shown in **Figure 1**, slide the square shaft of the blade down the required amount for the cut, then tighten the knob.

Operation

The desired cut is scribed into the workpiece, the waste area is scored, then the router plane cleans out the waste wood.

To use the router plane, do these steps:

1. Mark the length and depth of the cut you plan to make on the workpiece.
2. Secure the workpiece to prevent it from moving.
3. Use a hand saw, knife or chisel to cut the joint to the correct depth, then score the waste portion.
4. Adjust the router plane blade to remove the smallest amount of material.
5. While holding the router plane with both hands, move it through the scored area (see **Figure 2**).
6. Lower the blade more and make additional passes to remove the remaining waste until the joint is clean.

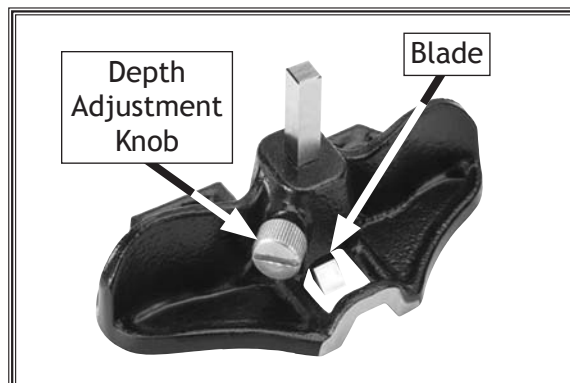


Figure 1. Model D3830 identification.



Figure 2. Using router plane.

⚠WARNING

To reduce the risk of injury when using this tool:

- Use care when handling the blade. It is sharp and can cause lacerations.
- Protect your eyes from flying chips by wearing safety glasses.
- Make sure the workpiece is properly secured.
- Keep the plane away from children.

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Maintenance

- Sharpen the blade bevel when it becomes noticeably difficult to use the plane. To learn how to sharpen the blade, refer to books, magazines, or additional resources on the internet.
- Before storing the plane, remove the blade, wipe it down with an oily cloth, and store it in a dry place to prevent rusting.
- Lightly oil the unpainted cast iron surfaces of the plane and store in a sealed bag away from direct sunlight and damp environments.

If you need help with your plane, call Woodstock International Technical Support at (360) 734-3482 or send email to tech-support@shopfox.biz.

Accessories

Replacement Blade

Part XD3830001, 1/4" Blade, Model D3830

Model D1118 Oilstone Sharpening Kit

This all-in-one kit handles most woodworkers' honing chores. Includes a D1117 8" Sharpening Stone (coarse/medium), our D1044 Honing Guide, a 1 oz. bottle of honing oil, and a special non-slip rubber pad.

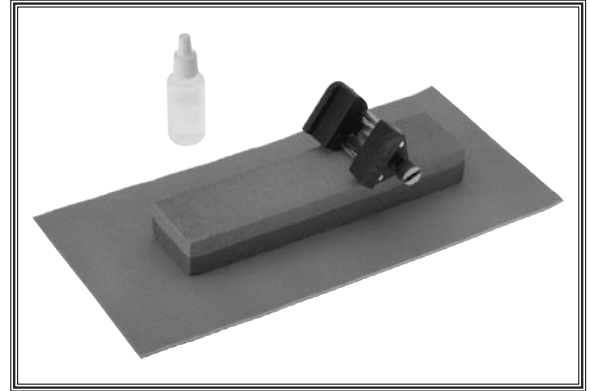


Figure 3. D1118 Sharpening Kit.