

Cast Iron Router Wing

Instructions
Part # 1066-3040
Version 2.0



CAUTION:

Please read, understand, and follow all manufacturers instructions, guidelines and owners manuals that come with your power tools. Fulton™ Woodworking Tools & Accessories and its subsidiaries assume no liability for accidents or injuries caused by improper use of this product.

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What's In The Box?



Parts List

- 1 each Cast Iron Router Table (Wing)
- 1 each Phenolic Insert Router Mounting Plate
- 2 each 1/4 x 20 Star Knobs with 1-1/2" x 20 bolts
- 1 each 1/8" Hex Wrench
- 1 each Assembly Instruction and Safety Booklet
- 3 each 3/8" Washers
- 3 each M10 x 1.5 x 40mm Hex Bolts
- 3 each 7/16" x 20 x 1-1/2" Hex Bolts
- 4 each 5/16" x 18 x 1-1/2" Hex Bolts
- 4 each 5/16" x 18 Hex Nuts
- 4 each 5/16" Lock Washers
- 8 each 5/16" Flat Washers
- 10 each 1/4" x 20 x 1-1/4" Nylon Thumbs Screws
- 10 each 1/4" x 20 Hex Nuts

Thank you for purchasing the Cast Iron Router Wing. The Cast Iron Router Wing can be mounted to your table saw, cabinet, or open steel stand. Or, bolt two router tables together - back to back. You must fabricate your own stand or cabinet. For those mounting the Cast Iron Router Wing to the right of your saw blade, and not directly to the table saw's table, you must have a t-square type rip fence with heavy steel rails to support the router table. Also, you must fabricate your own support legs, or modify your existing legs. Most cabinet saws will require that the Cast Iron Router Wing be mounted on the opposite side to the saw motor as the motor will interfere with mounting a router on that side.

Safety Rules:

1. Do not use your router table as a step or seat.
2. The top and cabinet must be properly secured, and be level before use. Inspect your table and base for damage and levelness prior to each use.
3. Keep work area clean, dry and well lit.
4. The hardware affixing the insert to the router top must be installed for safe use. Tighten insert hold-down screws before each use.
5. Safe operation requires a router table fence, bit guard, dust collection system, starting pin or fulcrum, and speed reducer for large diameter bits. We recommend reducing router speed for 1" or larger diameter bits. Consult your bit manufacturer for the exact speed.
6. Use the right tool for the job. Do not force a tool or attachment to do a job for which it was not designed.
7. Secure your work with a featherboard, clamps, or a vice when appropriate. The use of inappropriate accessories may cause injury.
8. Wear safety glasses, dust mask, face shield and ear protection. This is not an complete list. Every-day eye glasses do not substitute for safety glasses.
9. Do not wear jewelry while using a power tool.
10. Maintain your equipment and its accessories in good working condition. Look for wear, poor alignment of moving parts, binding of moving parts, breakage, poor mounting, or other conditions that may affect operation and safety. Repair or replace any damaged parts.
11. Disconnect the power before moving, adjusting, or repairing parts, or otherwise maintaining your router table and any accessories you may be using.
12. Keep children, pets, and those who may disregard safety away from work area, cords, sockets and tools.
13. Wear snug fitting clothes and keep long hair back to avoid catching in moving parts.
14. Do not overreach. Maintain balanced footing and stance.
15. Stay alert

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Step 1



Remove the factory left extension wing. If the bolts for the existing table saw wing are grade 5 and are 1 1/2" long save them for reuse in mounting the Cast Iron Router Wing.

Step 2



Determine your saw's bolt pattern. Some saws may require drilling of the Cast Iron Router Wing and or the Table Saw Top for proper installation.

Craftsman and Ridgid use a four bolt pattern. Most all other saws use a three hole pattern.

Shop Note...

Four bolt applications:
use 5/16 bolts. Each bolt receives (2) 5/16" flat washers, (1) lock washer, and (1) nut. Late model Ridgid saws use 5/16-18 tapped holes instead of through holes. If the bolt size is not 5/16-18, you must supply your own. Use grade 5 bolts.

Three bolt applications:
Delta brand uses the 7/16-20 x 1-1/2 hex bolts. Most others (imports) use the M10 x 1.5 x 40mm hex bolts. If your bolt size was not mentioned you must purchase your own. Only use grade 5 bolts.

Step 3



Install the insert plate leveling screws.

Install, as shown the 1/4-20 x 1-1/4" nylon thumb screws. You will adjust and tighten these screws in later steps.

Step 4



Lift the Cast Iron Router Wing into position.

NOTE: It may be necessary to have a second person hold the wing in position while securing in the next step.

Step 5



Install the bolts while a friend holds the table in position. Just snug the bolts for now. Make absolutely certain both surfaces are smooth, flat, and free of burrs before mating the two tables together.

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Step 6



Tighten the bolts gradually and evenly. Use a soft tipped mallet to lightly tap the table surfaces. If your router table is not flat with your table saw's table, you may need to shim it.

Note: Use paper or brass shims. The tolerances of the Cast Iron Router Wing are probably much higher than those of your table saw's. Slight inaccuracies in alignment rarely pose a significant problem.

Step 7



Install router insert plate into the Cast Iron Router Wing. Adjust the leveling screws until the plate is flush with Cast Iron Router Wing. You are ready to mount your router.

One Year Limited Warranty

Fulton Woodworking Tools & Accessories has made every effort to assure our customers that our products are free from defects in materials and workmanship. Remedy for any defects shall be limited to Peachtree's choice of repair, replacement or refund.

This is a limited 1 year warranty. Peachtree Woodworking Supply, Inc. requires our customer to contact us as soon as possible when a defect is discovered. Warranty does not apply to defects caused by misuse, abuse, negligence, accidents, repairs, alterations, or lack of maintenance.

If product is defective, Fulton Woodworking Tools & Accessories reserves the right to repair, replace or refund the cost of the product to the customer. All claims are limited to the 1 year warranty period. Fulton Woodworking Tools & Accessories must receive the product before credit, refund or replacement is authorized.

Refunds are issued within 30 days of purchase. Credit is issued after 30 days of purchase to 1 year from the date of purchase.

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