

**POWERTEC®**

**Universal Router Plate**



**WARNING**

To reduce the risk of injury, turn router off and disconnect it from power source before installing and removing accessories. An accidental start-up can cause injury.

**WARNING**

For your own safety, read and follow all safety procedures listed in the router instruction manual.

**PACKAGING CONTENTS**

- 1 - Universal Router Plate
- 1 - Reversible Fence
- 1 - 5/16"-18 Flathead Screw
- 1 - Handle
- 2 - Fence Knobs

The Fastener Package contains machine screws of different sizes (choose the correct screws to be used on your router)

- M6 x 15/32" Screws 2
- 3/16" x 1/2" Screws 3
- #8-32 x 3/8" Screws 3
- #10-32 x 3/4" Screws 4
- M4 x 25/64" Screws 4

**TOOLS NEEDED**

Phillips Head Screwdriver

**INTENDED USE AND FEATURES**

- The pre-drilled base converts a large list of routers to the more standard 1-3/16" PORTER-CABLE style guide bushing using mounting hardware supplied.
- The 5/16" thick, clear acrylic base provides good visibility and durability.
- The large base and handle add stability when edge routing with bearing guided bits.
- The removable/reversible fence allows edge routing on both straight and curved edges using bits that don't have bearing guides. Good for cutting dados as well.

**ASSEMBLY**

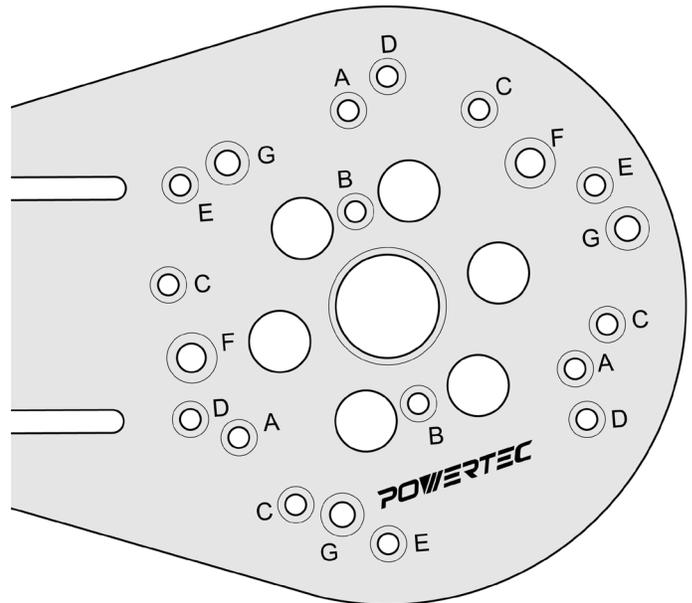
- Remove the existing router plate and all related hardware from the router.
- From the fastener package locate the machine screws for the router or use the fasteners removed from the router base.

**KNOWN COMPATIBLE ROUTERS**

PORTER-CABLE*	A	690 Series	A	8529
	A	7529		
DeWALT*	F	DW621	A	DW616 Series
	F	DW625	A	DW618 Series
Elu	F	177		
Craftsman*	C	315 275 000	E	315 175 060
	D	315 175 040	D	315 175 070
	D	315 175 050		
Bosch*	A	1617 (Fixed Base)	A	1618
	G	1617 (Plunge Base)	A	MR23 Series
Milwaukee*	A	5615	A	5616
	A	5619		
Makita*	A	RF1101		
Fein*	F	FT 1800		
Hitachi*	B	M8V	A	M-12VC
	B	TR12		
Ryobi*	C	R1631K		

\* PORTER-CABLE, DeWALT, Elu and Craftsman are trademarks of The Black & Decker Corporation/ Bosch is a trademark of the Robert Bosch Tool Corporation/ Milwaukee is a trademark of Milwaukee Electric Tool Corporation/ Makita is a trademark of Makita Corporation/ Fein is a trademark of C. & E. Fein GmbH/ Hitachi is a trademark of Hitachi, Ltd./ Ryobi is a trademark of RYOBI, LTD.

Figure 1



1. Place the universal router plate onto the router and line up the marked holes, install the machine screws (selected earlier). Tighten the machine screws.

**NOTE:** If the machine screws (supplied) bottom out into the router mounting holes, they will need to be shortened to match the router.

2. Use a Phillips Head Screwdriver and the included 5/16"-18 Flat Head Screw to assembly the handle to the base.

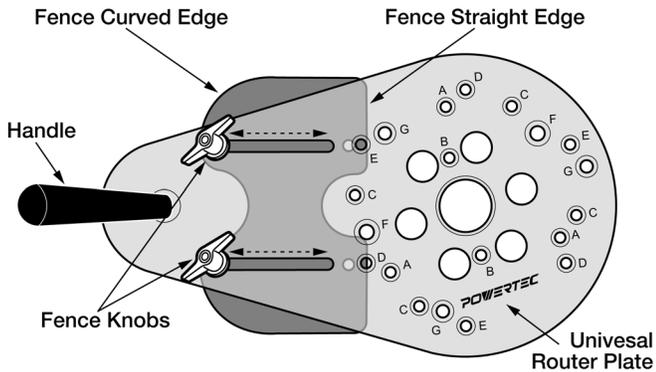
## SETTING UP THE REVERSIBLE FENCE

**NOTE:** Using the fence allows edge routing with bits without bearing guides. This is also useful when cutting rabbets or dados. The adjustable fence has a range of 2-3/4" which is very helpful when cutting multiple dados.

- Place Reversible Fence UNDER the Universal Router Plate. The straight edge or curved edge will need to be oriented to the application being used. Secure in place with Fence Knobs.

**Figure 2**

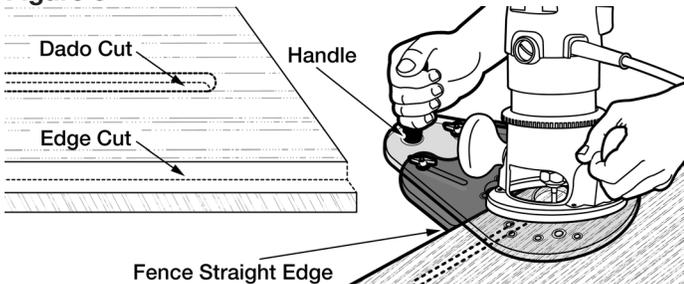
**NOTE:** For clarity router assembly not shown in illustrations.



## USING THE FENCE

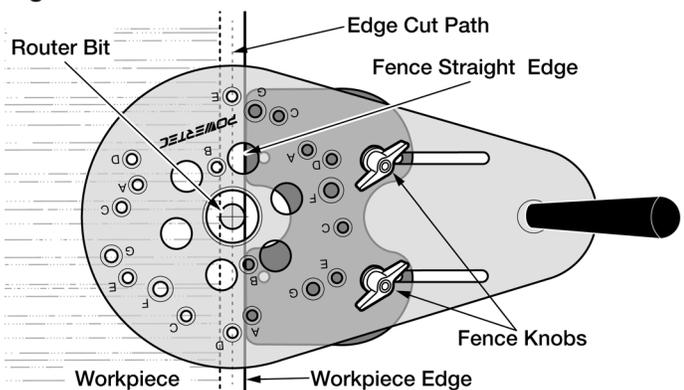
Figures 3-5 are examples for using a straight router bit to cut an **Edge Cut** and a **Dado Cut**.

**Figure 3**



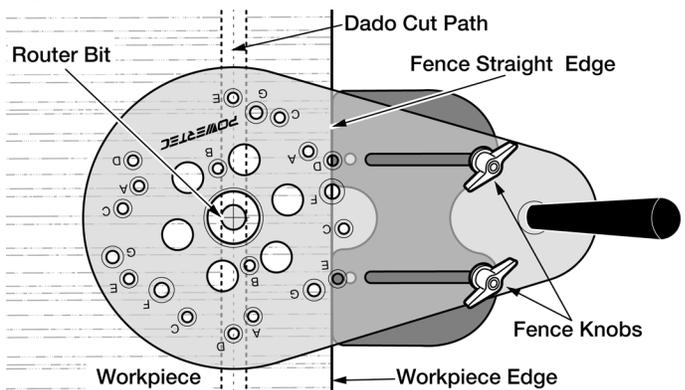
- For an Edge Cut**—Place Reversible Fence UNDER the Universal Router Plate and align the Fence Straight Edge with the edge of the router bit. Secure in place with Fence Knobs.

**Figure 4**



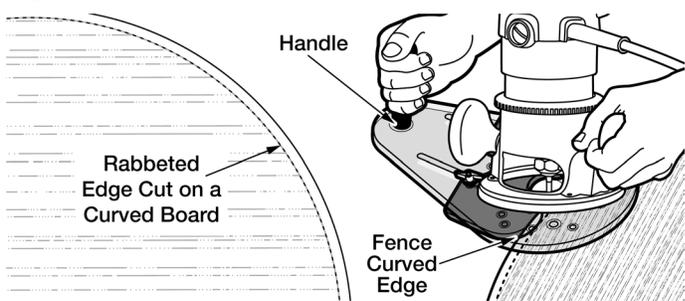
- For a Dado Cut**—Reset by measuring from the center of dado location to the edge of the workpiece. Use this measurement to adjust Fence from the center of the router bit to the Fence Straight Edge.

**Figure 5**



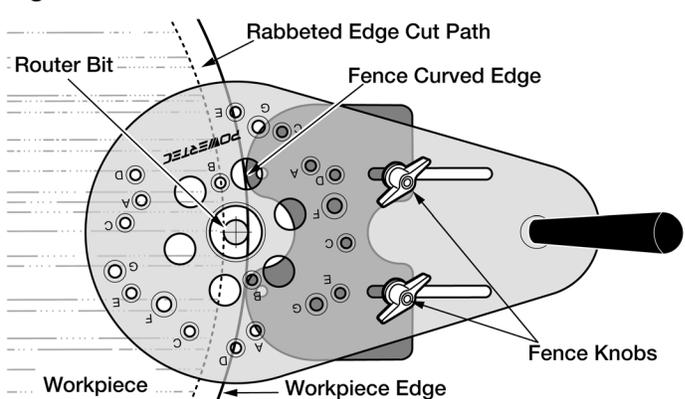
- For a Rabbeted Edge Cut** on a curved board using a straight router bit.

**Figure 6**



- Place Reversible Fence UNDER the Universal Router Plate and align Fence Curved Edge with the edge of the router bit. Secure in place with Fence Knobs.
- Butt Fence Curved Edge against perimeter of curved board.
- Start router and slowly enter the workpiece edge.
- Rout around the entire workpiece perimeter.

**Figure 7**



**NOTE:** When not in use, store the reversible fence and knobs in a safe place for future use.

## MAINTENANCE

Apply Carnauba to the Universal Router Plate to reduce scratching and make it slide easier. If scratching does occur, carefully polish with plastic polish until scratches are removed.

Visit us on the web at [www.powertecproducts.com](http://www.powertecproducts.com)



Put these instructions and the original sales invoice in a safe, dry place for future reference.