POWERTEC®

Universal Router Plate

? QUESTION...
1•847•780•6120

⚠ 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 1/2" Screws	2
#10-24 x 1/2" Screws	3
#8-32 x 3/8" Screws	3
#10-32 x 3/4" Screws	4

TOOLS NEEDED

3/16" Hex Wrench

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 your router or use the fasteners removed from your router base.

• On the chart find the model and the corresponding letter for your router.

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

• Find the corresponding letters for your router in Figure 1.

Figure 1
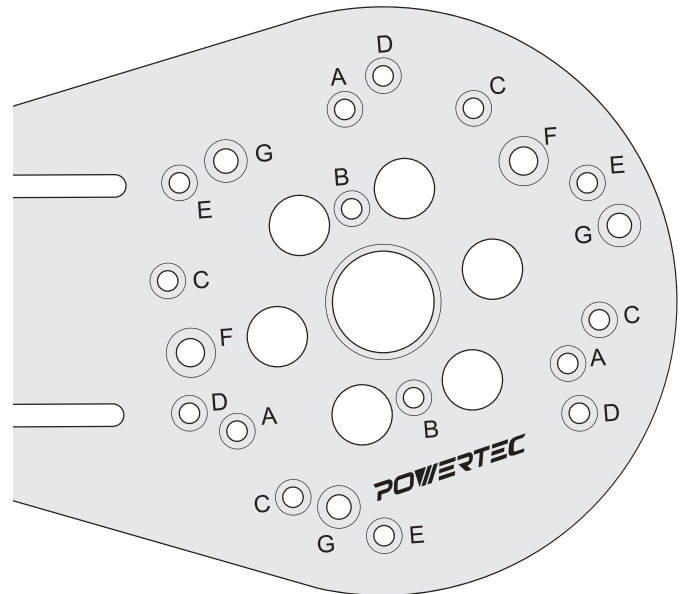
* PORTER-CABLE and DEWALT are trademarks of The Black & Decker Corporation/ Bosch is a trademark of the Robert Bosch Tool Corporation/ Makita is a trademark of Makita Corporation/ Hitachi is a trademark of Hitachi, Ltd.

• 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.

• Use a 3/16" hex wrench 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 rabbits or dados. The adjustable fence has a range of 2-3/4" which is very helpful when cutting multiple dados.

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

NOTE: For clarity the assembled router is not shown in the illustrations.
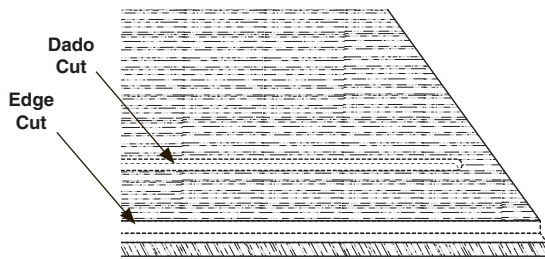
Figure 2

Curved Edge
Straight Edge
Handle
Fence Knobs
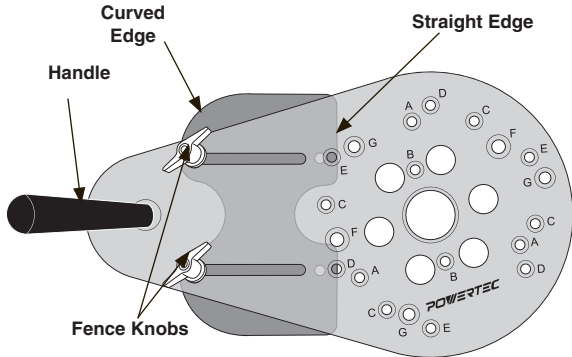
USING THE FENCE

NOTE: For clarity the assembled router is not shown in the illustrations.

NOTE: These are examples for using a straight bit for a straight edge cut and a dado.
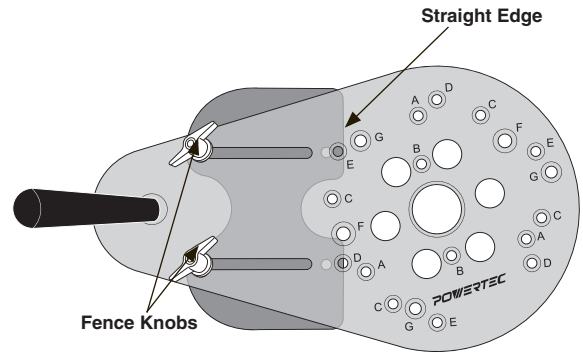
Figure 3

Dado Cut
Edge Cut

• Place the reversible fence UNDER the universal router plate and align the straight edge of the fence with the straight bit. Secure in place with the fence knobs.
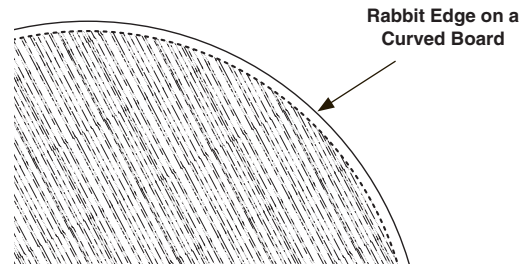
Figure 4

Fence Knobs
Straight Edge
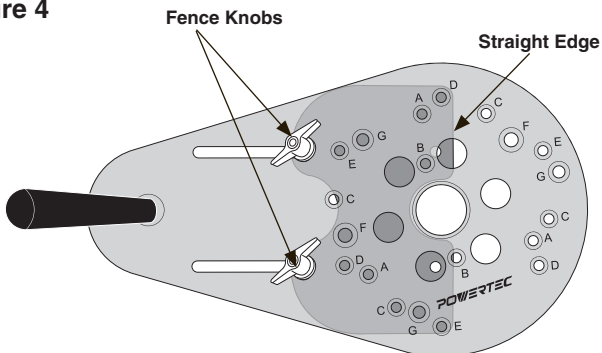
• After completing the edge cut, reset the fence for the dado to be cut. Measure from the center of the dado location to the edge of the workpiece. Use this measurement to adjust the fence from the center of the bit to the straight edge of the fence.
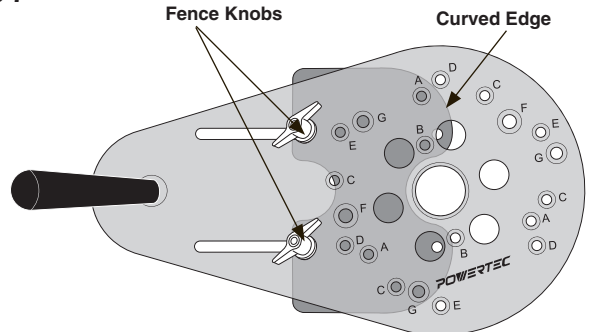
Figure 5

Straight Edge
Fence Knobs

NOTE: These are examples for using a straight bit to cut a rabbit edge on a curved board

Figure 6

Rabbit Edge on a Curved Board

• Place the reversible fence UNDER the universal router plate and align the curved edge of the fence with the straight bit. Secure in place with the fence knobs.
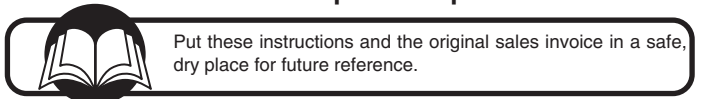
Figure 7

Fence Knobs
Curved Edge

MAINTENANCE

• Carnauba wax may be applied to the universal router plate to reduce scratching and make it slide easier. If scratching does occur, carefully polish with plastic polish until the scratches are removed.

Visit us on the web at **powertecproducts.com**

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

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