Universal Router Adapter Installation Instructions

Instructions Overview

1. Parts List
2. Supported Compact Routers
3. Preparing Your Router
4. Installation Method 1
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Section 1 - Parts List

1. Router Adapter Plate
2. Router Attachment Block
3. M6 x 20 Screw (Large)
4. M5 x 20 Screw (Small)
5. (4) M4 x 10 Screws

Section 2 –Supported Compact Routers

See chart to the right for a list of compact routers that have been verified to be compatible with the 5D Tactical Universal Router Adapter. If you do not see your router on the list, the Adapter may fit, with or without modification. We recommend variable speed routers, as they will provide the best results for all lower receiver material types and feed rates. The DeWalt DWP611 Porter Cable PCE6435 routers are our top recommendations. For a full review of each router tested, please visit info.5dtactical.com. Using the chart, determine the INSTALL METHOD to be used for your router and continue to Section 3.

<table>
<thead>
<tr>
<th>BRAND</th>
<th>MODEL</th>
<th>INSTALL METHOD</th>
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<tr>
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*NOTE: Chicago Electric, DrillMaster and Harbor Freight Routers may work but are not recommended for quality results.*
Section 3 – Preparing Your Router

Tools Needed: *Phillips Screwdriver*

1. Remove plastic baseplate from your router. Both installation methods will require the removal of the plastic baseplate. Most models simply require removal of (4) Phillips screws.

2. Adjust depth so the collet is below the surface of the router base.

Section 4 – Installation Method 1

Tools Needed: *Phillips Screwdriver*

Parts Needed: *Router Adapter Plate, (4) M4 x 10 Screws*

*NOTE: Only (3) M4 x 10 screws are required for the Craftsman 28212, see Step 5.*

1. Install the 5D Tactical 5/16” Hybrid End Mill into the collet of the router up to the start of the taper. No portion of the end mill taper should enter the collet. Tighten the collet. Note: It is important ensure the collet is extremely tight to prevent the end mill from pulling out of the router and damaging the lower receiver.
2. Place Adapter Plate onto router base with the end mill passing through the bearing as shown. Orient the notch in the Plate away from the power cord. Align the threaded holes in the router base with the slots in the Plate.

3. Attach the Plate to the router base using the (4) M4 x 10 screws. Insert all 4 screws loosely to ensure all holes will line up with the Plate.

4. Be sure the Plate is seated against the base of router and tighten (4) M4 x 10 screws.

5. The Craftsman 28212 will only require (3) M4 x 10 screws. (2) screws will be positioned in the front slots, and (1) screw in the rear center slot as shown here.  
*Note: The Craftsman 2-handle base is compatible with the Adapter Plate. Install the Plate over the 2-handle base.*
Section 5 – Installation Method 2

Tools Needed: Phillips Screwdriver, 3mm Allen Wrench (DeWalt DWE6000, Porter Cable PCE6430, Porter Cable PCE6435), 4mm Allen Wrench (Bosch PR10E, Bosch PR20EVSK, Makita RT0701C)

Parts Needed: Router Adapter Plate, Router Attachment Block, (3) M4 x 10 Screws, M5 x 20 Screw (DeWalt DWE6000, Porter Cable PCE6430, Porter Cable PCE6435 only), M6 x 20 Screw (Bosch PR10E, Bosch PR20EVSK, Makita RT0701C only)

1. Install the 5D Tactical 5/16” Hybrid End Mill into the collet of the router up to the start of the taper. No portion of the end mill taper should enter the collet. Tighten the collet. Note: It is important ensure the collet is extremely tight to prevent the end mill from pulling out of the router and damaging the lower receiver.

2. Attach the Router Attachment Block to the underside of Adapter Plate in rear center slot using (1) M4 x 10 Screw as shown. Leave the screw loose enough so the Block can slide freely.

3. Place Plate onto router base with the end mill passing through the bearing as shown. Orient the notch in the Plate away from the power cord. Align the threaded holes in the router base with the slots in the Plate.
4. Attach Plate with (2) M4 x 10 screws on front side of router base. Leave screws loose.

5. Thread M5 x 20 or M6 x 20 screw (depending upon router) through Block into router, leave loose. Align slot in Block with extrusions on router. Press Block firmly against router and tighten M4 x 10 screw positioned in rear center slot of Adapter Plate as shown.

6. Using an Allen Wrench, tighten M5 x 20 or M6 x 20 screw securing the Block to the router. Be sure that the Adapter Plate is firmly seated against router base.

7. Tighten (2) M4 x 10 screws to secure Plate to router base.