



Additional Parts List:

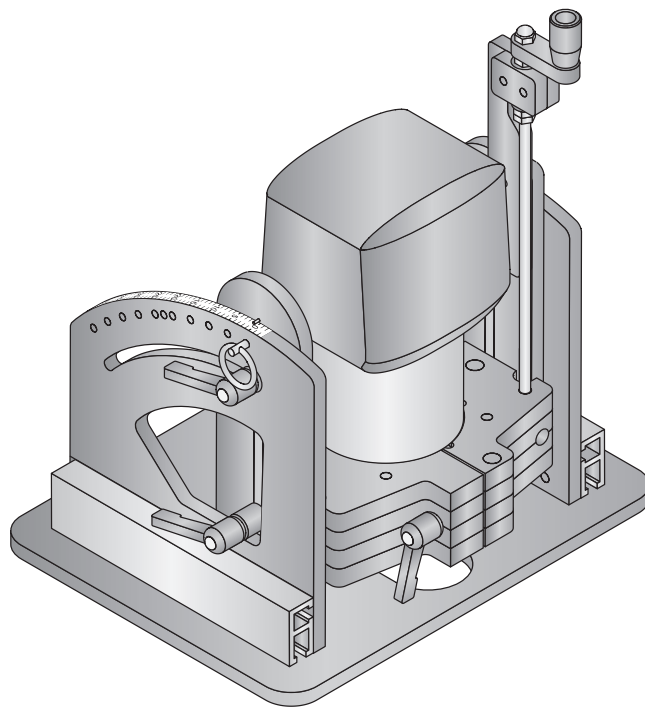
Parts listed below are not shown in the hardware drawings. Refer to photos in the instructions:

Part	Description	Quantity
1470AS	Side/Arm Assembly, pair	1
1470C	7-1/2" Double Track.....	2
1475A1	Adjuster Arm.....	1
1475A2	Arm Plate.....	1
1475B	Height Adjuster.....	1
Ringpin1	Pin.....	2
5863	1-1/8" Knob.....	2
5864	1-5/8" Knob.....	2

In addition, you will get ONE of the motor blocks and plates below, depending on the Angle-Ease model you purchased:

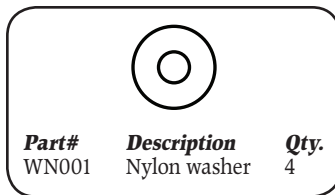
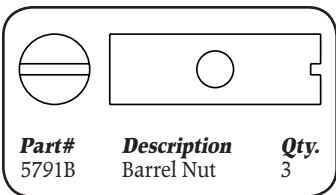
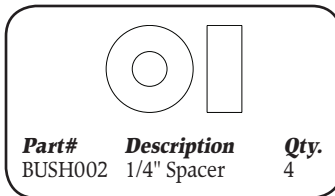
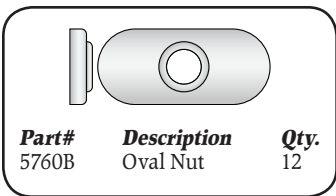
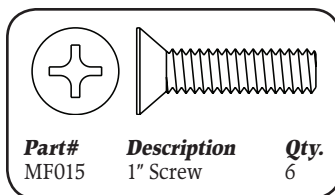
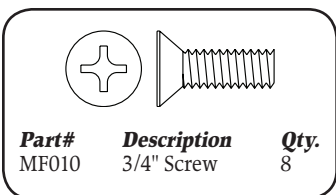
1470B	3.5" Motor Block.....	1
1472B	4.2" Motor Block.....	1
1470P	Angle Ease Router Table Plate	1
6000PA	Horizontal Table Angle-Ease Plate.....	1

1470 & 1472 Angle-Ease™ or 6002 & 6004 Angle-Ease Owners Manual *Please Read Carefully!*



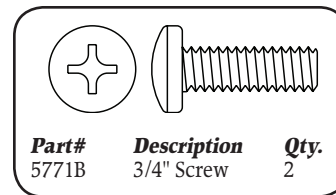
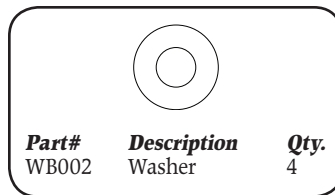
The Angle-Ease fits motors from these routers:

Router Model	FITS 3.5" ANGLE-EASE	FITS 4.2" ANGLE-EASE
Porter Cable 7518	No	Yes
Milwaukee 5625	No	W/ Shim
Porter Cable 892	Yes	W/ Adapter R1
Porter Cable 690	Yes	W/ Adapter R1
DeWalt 616/618	Yes	W/ Adapter R1
Bosch 1617/1618	Yes	W/ Adapter R1



BEFORE BEGINNING

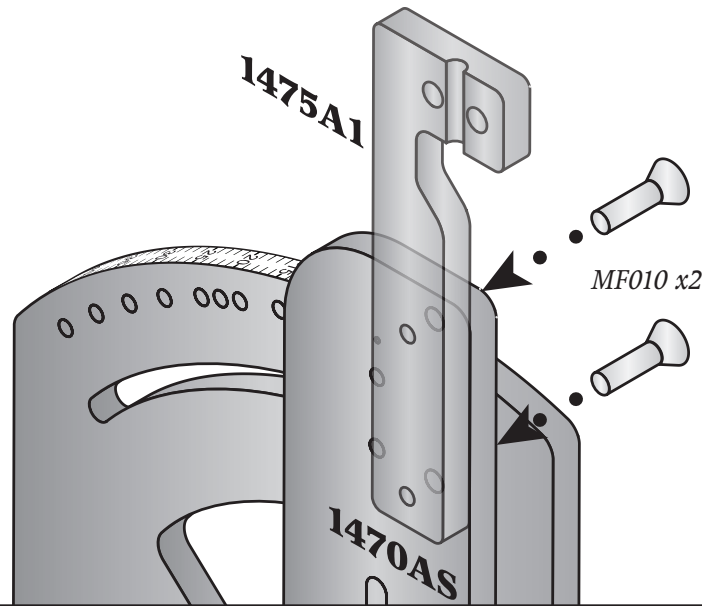
Identify and verify that you have all the parts listed. Read the instructions at least once, familiarizing yourself with the parts, before beginning assembly. You'll need two 7/16" wrenches, a #3 Phillips screwdriver and a flat blade screwdriver.



INSTALL HEIGHT ADJUSTER ARM

Select the side/arm assembly (1470AS) that has the arm with the squared-off corner and attach the adjuster arm (1475A1) to it using two 3/4" screws (MF010).

Pivot the arm as necessary to access the lower mounting hole in the arm.

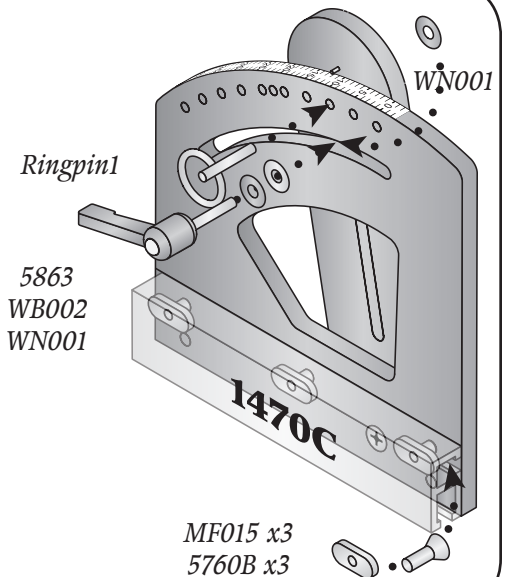


ATTACH HARDWARE

Align the pointer in the arm on both side/arm assemblies with the 10° mark on the scale. Insert a pin (Ringpin1) through the 10° hole in the side and into the hole in the arm. Install a washer (WB002) and a nylon washer (WN001) on the stud of the knobs (5863). Lay the side/arm assembly flat on the arm and slide another nylon washer (WN001) between the arm and the side. Use a credit card or putty knife to align the washer with the curved slot in the side and the threaded hole in the arm. Insert the stud of the knob through the curved slot in the side, screwing it into the arm, then tighten the knob.

Insert 1" screws (MF015) through the three countersunk holes in each side and start an oval nut (5760B - flat side first) on each screw. Slide a 7-1/2" double track (1470C) on to the oval nuts on each side. Center the double track end-to-end on the side, check the side for square on a flat surface and tighten the screws.

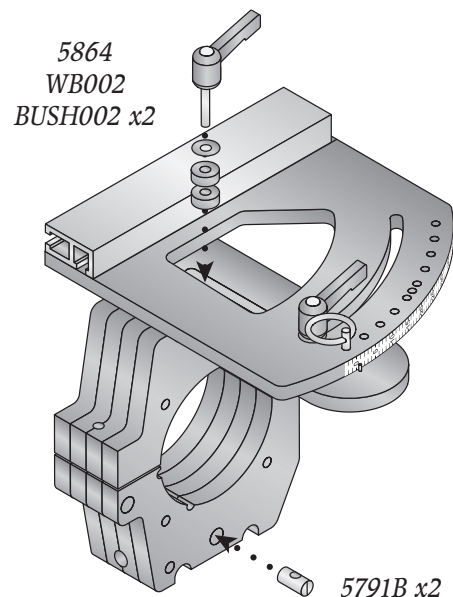
Remove the pin from each arm, loosen the handle and rotate the arm to the 0° mark on the side, then reinstall the pin and tighten the knob.



ATTACH ROUTER BLOCK

Set the router block (1470B or 1472B) on end, with the clamping knob in the router block at the bottom. Insert a barrel nut (5791B) in the hole in the face of the router block near the top. Use a flat blade screwdriver to align the threaded hole in the barrel nut with the cross hole in the router block.

Install a washer (WB002) and two 1/4" spacers (BUSH002) on the knobs (5864). Set the side/arm assembly with the adjuster arm attached to it, with the arm in the groove in the router block. Install the ratchet handle through the slot in the arm, screwing it into the barrel nut. Slide the router block as far down on the arm as possible (towards the double track) and tighten the knob. Flip the assembly over and connect the remaining side/arm assembly to the opposite side of the router block in the same manner.

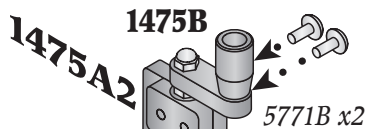
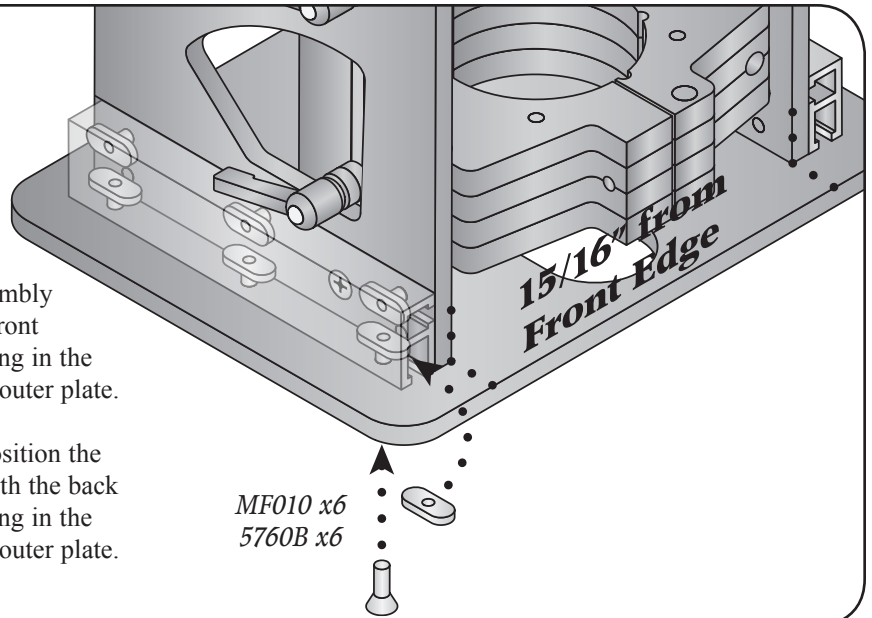


ATTACH ASSEMBLY TO PLATE

Insert 3/4" screws (**MF010**) thru the six countersunk holes in the router plate (**1470P** or **6000PA**) and start oval nuts (**5760B - flat side first**) on the ends of the screws. Line the oval nuts up with the T-slot in the double tracks and slide the assembly on to the oval nuts.

If you have the **1470P** plate, position the assembly so the front edge of the sides are 15/16" from the front edge of the plate and tighten the screws. The opening in the router block should be over the bit opening in the router plate.

If you have the **6000PA** plate (*not shown*), position the assembly so the back edge of the sides are flush with the back edge of the plate and tighten the screws. The opening in the router block should be over the bit opening in the router plate.



INSTALL REMAINDER OF HEIGHT ADJUSTER

Install a barrel nut (**5791B**) in the hole in the front of the router block. Use a flat blade screwdriver to align the threaded hole in the barrel nut with the cross hole in the router block.

Spread apart the two nylon washers on the threaded rod of the height adjuster (**1475B**) so the rod slips in the groove in the adjuster arm and the washers are on each side of it. Screw the threaded rod into the barrel nut until the nylon washer on the top of the adjuster arm is snug against the top of the adjuster arm.

Place the arm plate (**1475A2**) with its groove covering the threaded rod and fasten it to the adjuster arm using the two 3/4" screws (**5771B**). Align the top and bottom edges of the arm plate to the corresponding edges of the adjuster arm (**1475A1**) and tighten the screws.

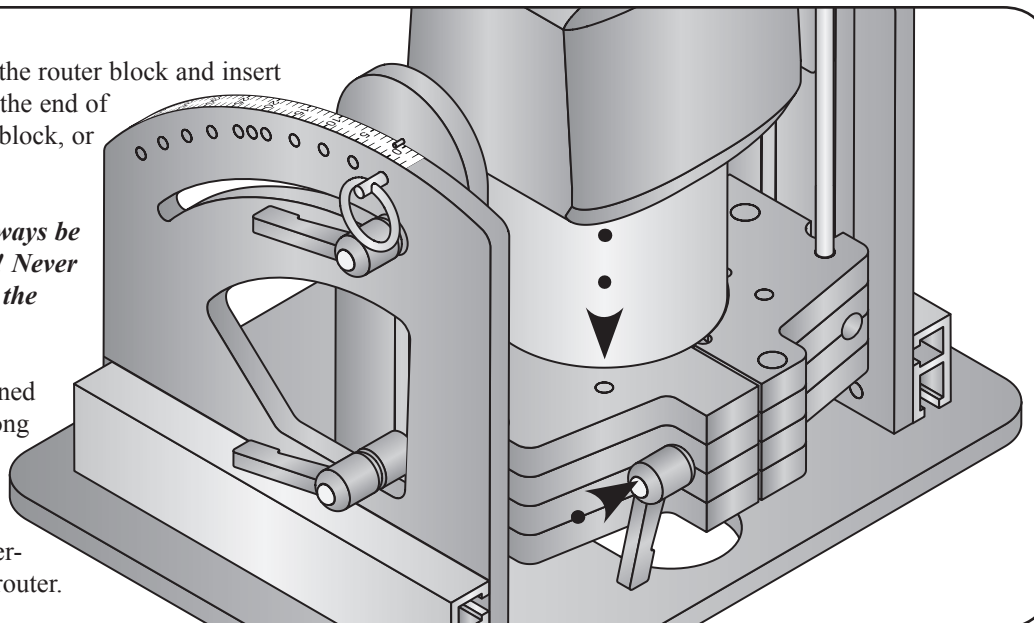
Adjust the two nuts on the threaded rod, along with the washers, against the underside of the adjuster arm. Tighten the nuts against each other when you have adjusted the up/down slop out of the height adjuster.

ROUTER INSTALLATION

Loosen the clamp handle in the router block and insert your router in the router block so the end of the motor is flush with the router block, or protruding out past it.

The router motor should always be fully inserted in the router block! Never insert a router motor partially in the router block!

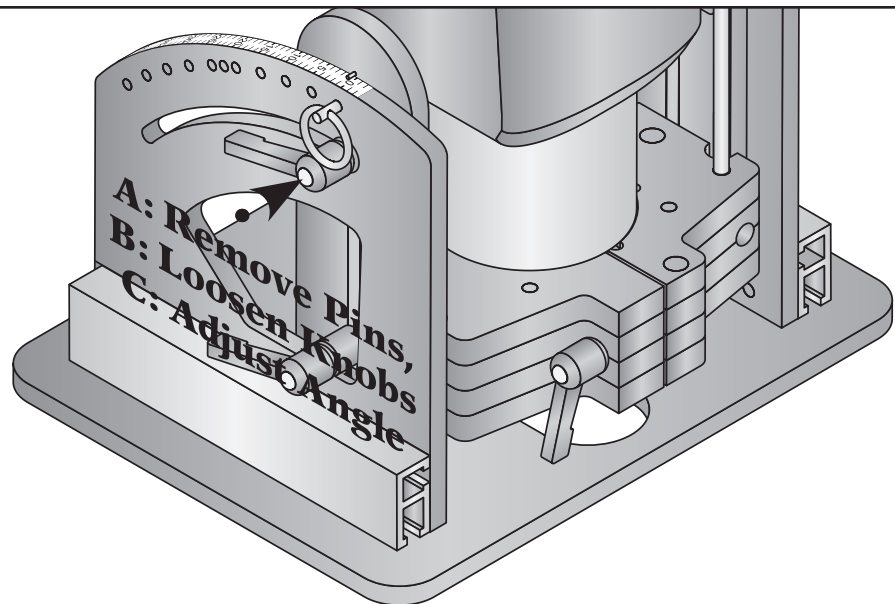
The router motor can be repositioned anywhere in the motor block as long as it is completely in the motor block at all times. Tighten the clamp handle just enough to hold the router motor. Do not over-tighten or you may damage your router.



ANGLE SETTINGS

There are pin settings at 0, 5, 10, 15, 20, 22-1/2, 25, 30, 35, 40 & 45 degrees, or you can set your desired angle using the scale on top of the sides as a guide. To set an angle, remove the two pins (if used), loosen the two angle adjustment knobs and pivot the router to the desired angle. Replace the pins (if the angle is one of the pin settings above) and tighten the knobs.

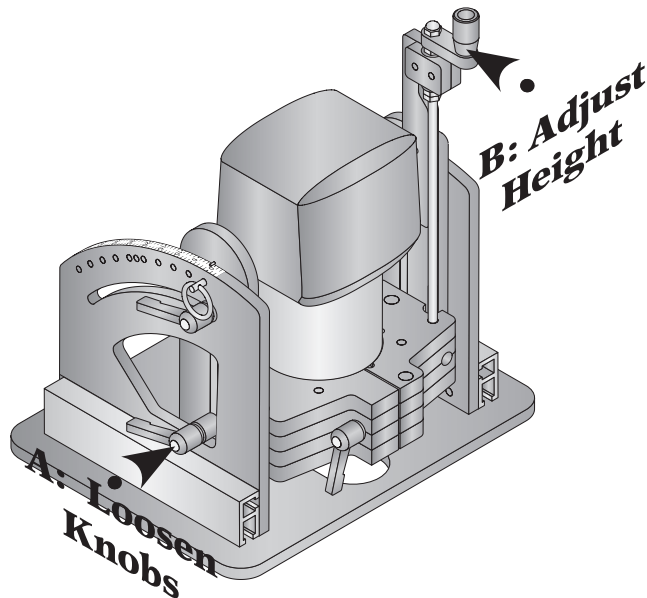
Angle settings other than those provided can be set using a drafting square or bevel gauge placed between the plate and the face of the router block.



HEIGHT ADJUSTMENT

IMPORTANT!! Loosen the height knob nearest the Height Adjuster just 1/4 to 1/2 of a turn and loosen the opposite height knob 2 full turns. Retighten the knob nearest the Height Adjuster first, then retighten opposite knob.

Turn the crank handle on the Height Adjuster to move the router up or down. If you cannot achieve the desired height, you may have to reposition the router in the router block (see router installation section above).



USING THE ANGLE EASE

There are two ratchet knobs for locking the height and two for locking the angle. Perform one of these adjustments at a time instead of attempting both adjustments at the same time. Make sure your bit is locked securely in the router collet and that all knobs are tightened securely before using.

Depending on your table opening size, you may have to set the Angle-Ease at 0° degrees to insert it in your router table.

To reduce the risk of injury we recommend that you tilt the cutter into the fence (or table) hiding more of the cutter compared to tilting the cutter away from the fence (or table) and exposing more of the cutter.

