

Vertex™ Multi-Angle Sled Assembly Steps

Item #9545

Step 1

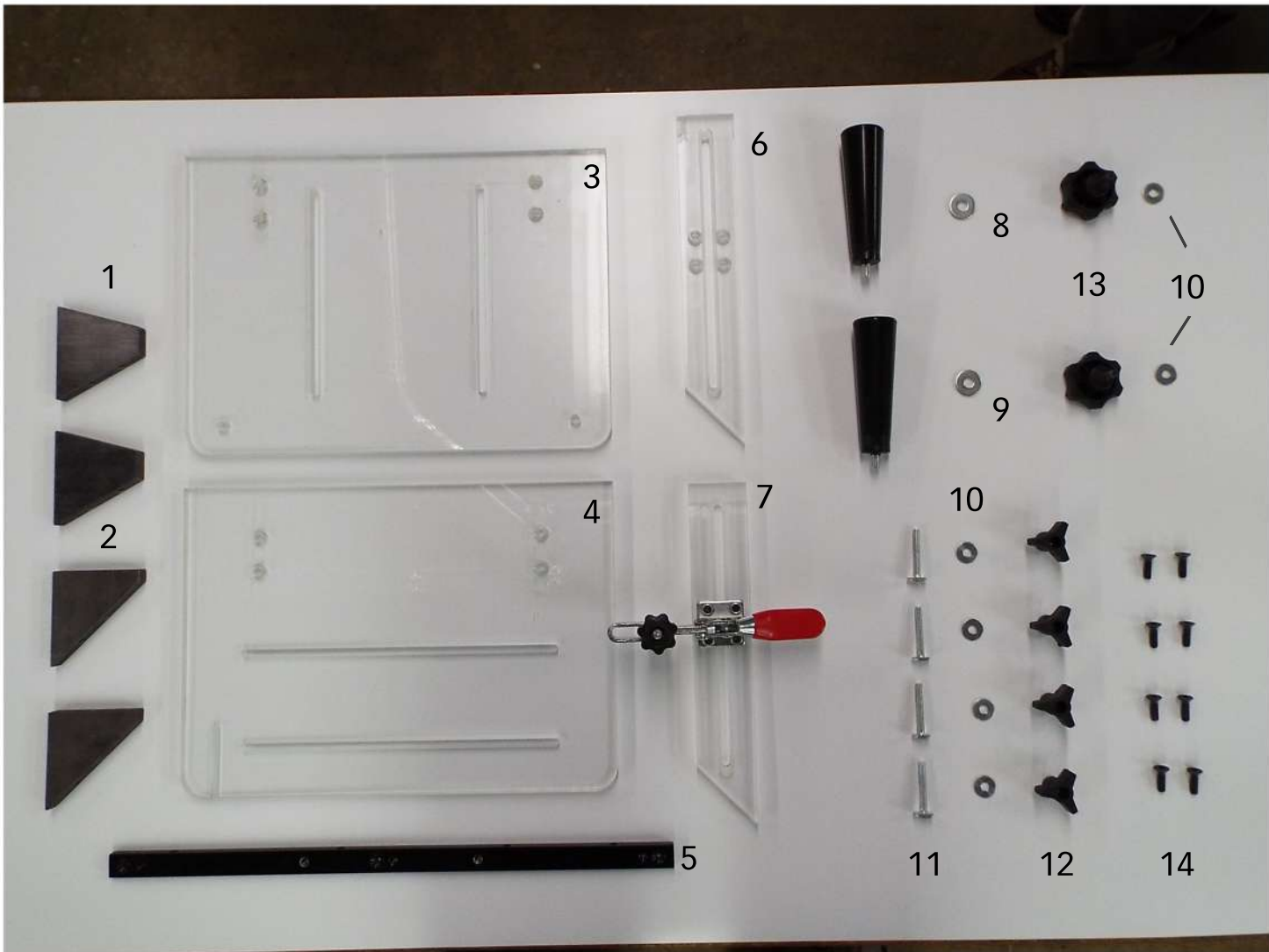
Layout and verify that all of your Vertex components and hardware are accounted for. Figure A

Parts:

- | | |
|-------------------------------|--------------------------------|
| 1 60°/75° Angle Block (x2) | 11 "T"-Head Bolt, |
| 2 45°/90° Angle Block (x2) | M6 x 1.0 x 25mm (x4) |
| 3 Vertex Base | 12 3-Point Star Knob, |
| 4 Vertex Face | M6 x 1.0 (x4) |
| 5 Vertex Adjustable Miter Bar | 13 6-Point Studded Star Knob, |
| 6 Vertex Securing Guide (x2) | M6 x 1.0 (x2) |
| 7 Toggle Clamp | 14 Tapered Head Machine Screw, |
| 8 Control Knob (x2) | M6 x 1.0 x 12mm (x8) |
| 9 M8 Flat Washer (x2) | |
| 10 M6 Flat Washer (x6) | |



FIGURE A





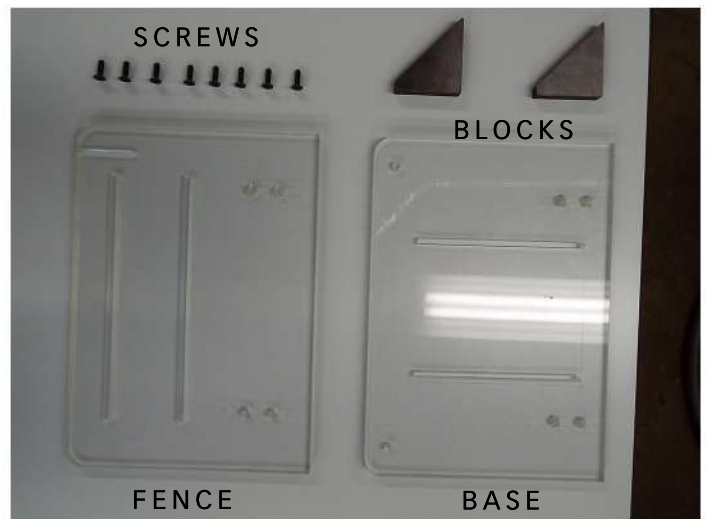
Step 2

Assemble the Vertex base, our example will use the 90° angle block for clarity. This step attaches the Vertex Base, Angle Blocks, and Vertex Face.

2.1

Locate the following components and hardware:

- ♦ Vertex Base {Part #3}
- ♦ Vertex Face {Part #4}
- ♦ Vertex 90° Angle Blocks {Part #2}
- ♦ Tapered Head Machine Screws (8) {Part #14}



2.2

Attach the Vertex Angle Blocks to the Vertex Base. Ensure that the countersunk holes are on the underside (bottom) of the Vertex Base. This ensures that screws for mounting the Vertex Angle Blocks do not interfere with the sled operation.



FIGURE B

2.3

Visually align the screw spacing on the Vertex Angle Block and the Vertex Base (Figure B).

2.4

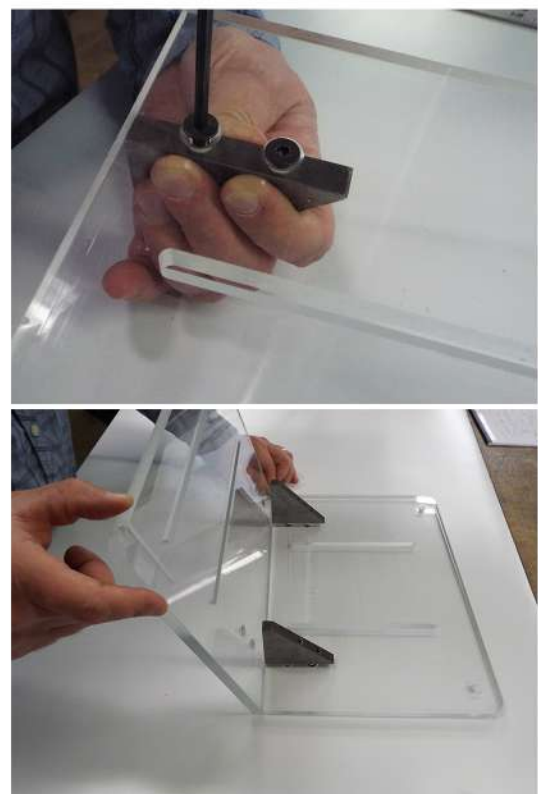
Thread the screws through the Vertex Base into the Vertex Angle Blocks, and tighten using the provided Allen key.

2.5

Mount both angle blocks before attaching the Vertex Face.

2.6

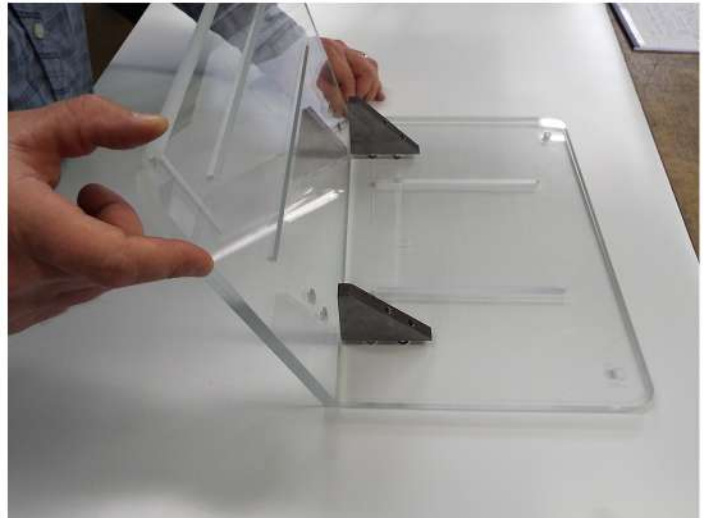
Attach the Vertex Face to the Vertex Angle Blocks. Ensure that the countersunk holes are on the opposite side of Vertex Angle Blocks, and on the front of the Vertex Face. This ensures that screws for mounting the Vertex Angle Blocks do not interfere with the sled operation.





2.7
 Visually align the screw spacing on the Vertex Angle Block and the Vertex Face (Figure C).

2.8
 Thread the screws through the Vertex Face into the Vertex Angle Blocks, and tighten using the provided Allen key.



Step 3
 Attach Vertex Securing Guides

3.1
 Locate the following components and hardware:

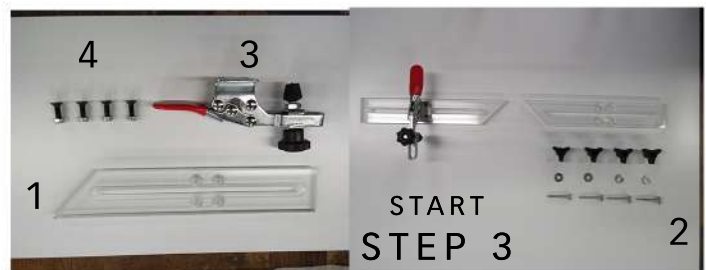
- 1 Vertex Securing Guides (2)
- 2 Guides Mounting Hardware: t-bolts (4), washers (4), and star knobs (2)
- 3 Toggle Clamp
- 4 Clamp Mounting Hardware: small screws (4), Nylock nuts (4)

FIGURE C

3.2
 Attach the Toggle Clamp to the Vertex Guide - these can be mounted to the left or right guide.



3.3
 Insert the t-bolts into the Vertex Guides - two per side. The machined groove in the Vertex Guide will allow the t-bolts to be recessed into guide to avoid interference.



3.4
 Mount one guide at a time, through the horizontal slots in the Vertex Face. Attach one washer per t-bolt and one star knob.

3.5
 The guides are adjustable, in width and height for maximum functionality and versatility.





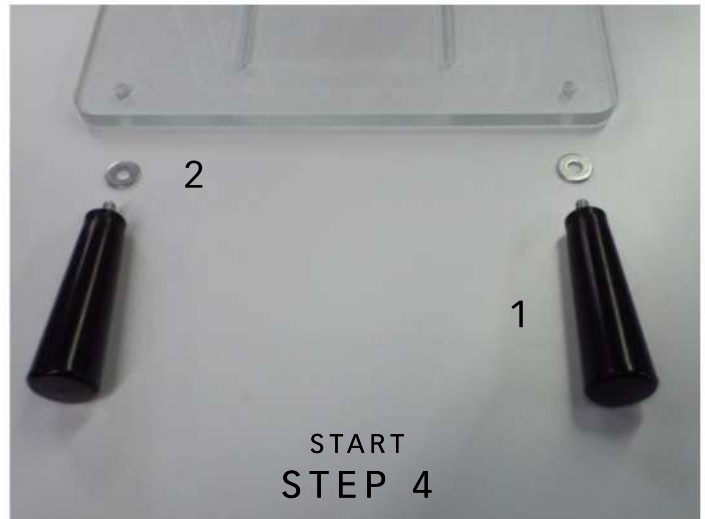
Step 4

Attach Vertex Control Knobs

4.1

Locate the following components and hardware:

- 1 Vertex Control Knobs (2)
 - Black conical knobs, 4.5" long, with a threaded stud on the end.
- 2 Large Washers
 - Match diameter of the base of the Vertex Control Knob



4.2

Place a washer on the threaded end of the Vertex Control Knob and **carefully** thread into the Vertex Base.

4.3

Repeat the procedure above for the second Vertex Control Knob.



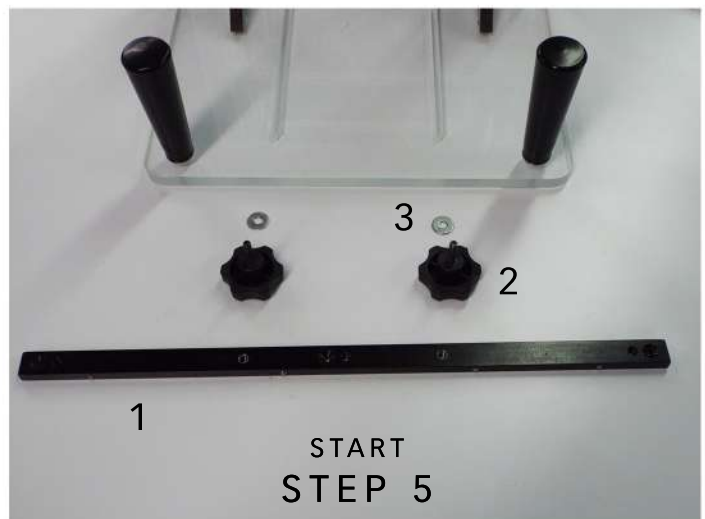
Step 5

Attach Vertex Adjustable Miter Bar

5.1

Locate the following components and hardware:

- 1 Vertex Adjustable Miter Bar (1)
- 2 Large 6-Point Star Knobs (2)
- 3 Washers (2)
 - Match diameter of the base of the 6-Point Star Knob





5.2

On a level surface place the Vertex Adjustable Miter Bar under the Vertex Sled.

5.3

Visually align the threaded holes on the Vertex Adjustable Miter Bar with the two machined grooves on the Vertex Base. Please note, there are other machined holes in the Vertex Adjustable Miter Bar that are not needed for this mounting step.

5.4

Place a washer on the threaded end of the 6-Point Star Knob and **carefully** thread into the Vertex Adjustable Miter Bar.

5.5

Repeat the procedure above for the second 6-Point Star Knob.



Step 6

The Vertex Sled is adjustable for table saw and router table use. As such, you must align the Vertex Sled with your table saw or router table.

Step 7

Once you have the proper distance established, it is critical to ensure that the Vertex Sled is square to the Vertex Adjustable Miter Bar.

This is accomplished using a combination square, and ensuring that the Vertex Adjustable Miter Bar is **equally** spaced to ensure parallel and accurate results.

