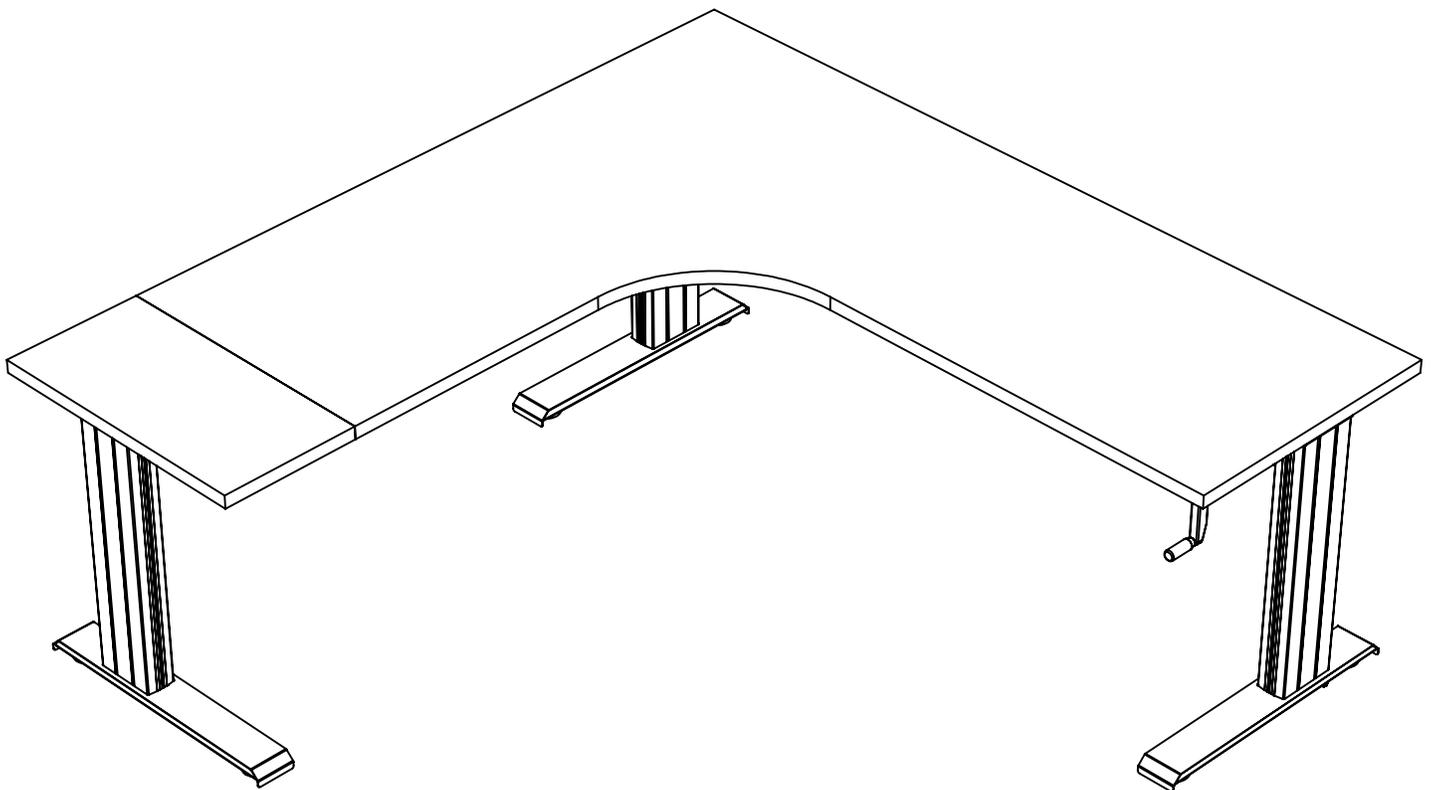




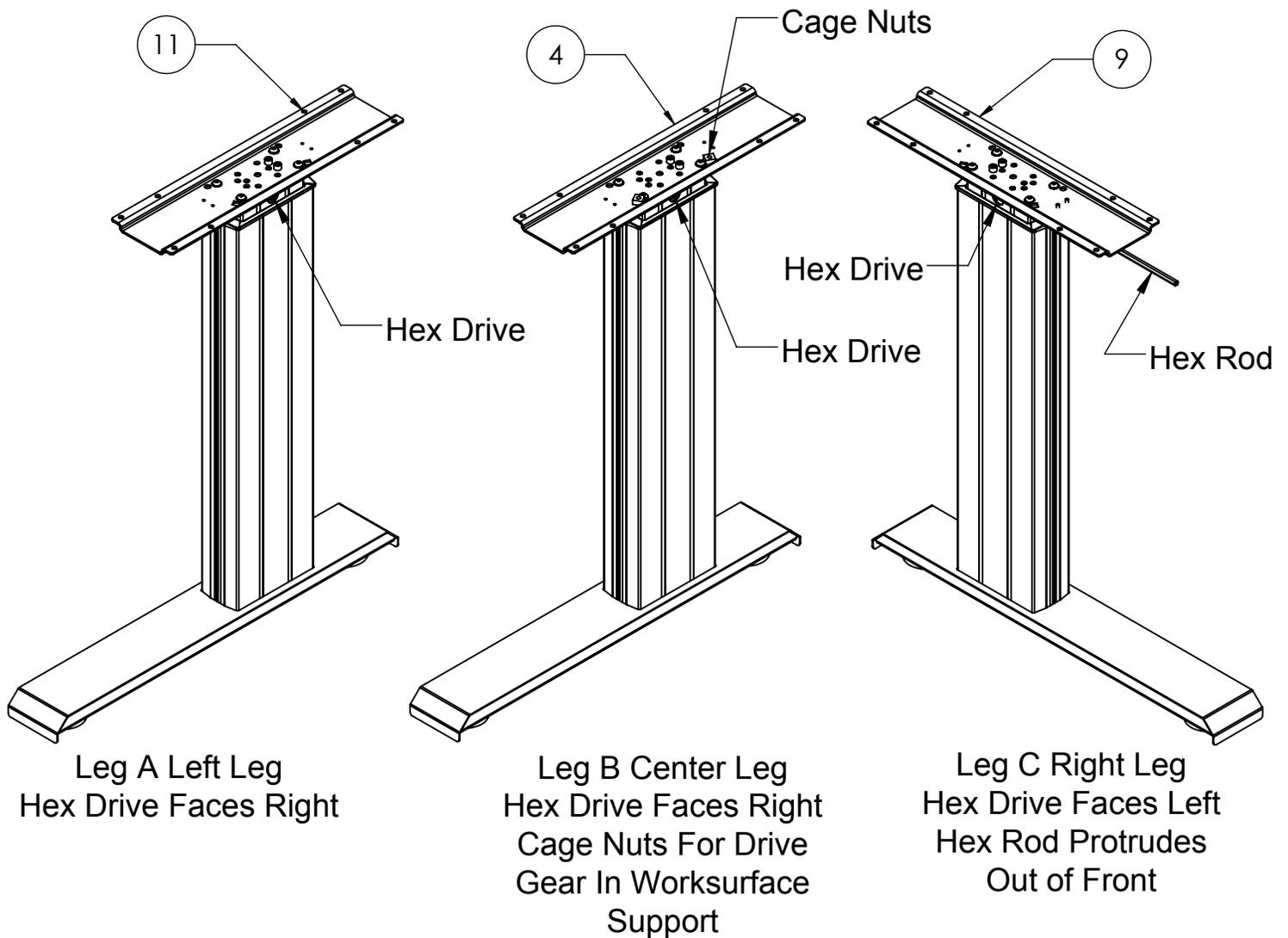
K&A Manufacturing
6703 Zinser Street
Schofield, WI 54476
Phone: 800.298.4351
Fax: 866.882.9475
www.raproducts.com
Version Dated: 7/8/16

Series 4 Vuelta 3-Leg Crank Height Adjustable Workstation Assembly Instructions



Read all the instructions before beginning.

The drawing below shows how to distinguish the left, center, and right leg assemblies from each other.





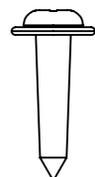
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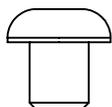
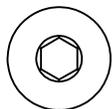
Tools Required For Assembly:
 Power Driver W/Adjustable Torque
 #2 Phillips Head Driver Bit
 #2 Square Head Driver Bit
 3/16" Hex Head Driver Bit or
 Allen Wrench
 Adjustable Wrench
 Tape Measure
 Level



3

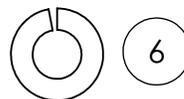


51708



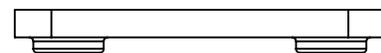
13

53638

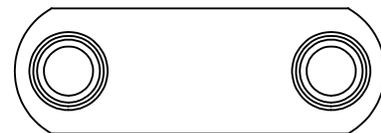


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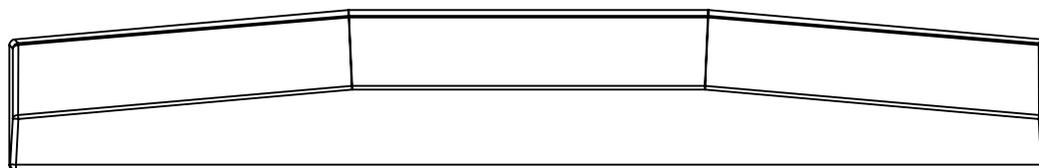
53013



16



53194



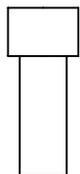
15

800934

Hardware Pack 53555 Drawn Actual Size



7



53055

ITEM #	PART #	DESCRIPTION	QTY.
1	Varies	Series 4 Worksurface	1
2	800352	3x5 Worksurface Joiner Plate	1
3	51708	M5 x 18mm (7/8") Sq/Ph/Wshr Head Wood Screw	Varies
4	Varies	Center Crank Leg Assembly	1
5	801438	Differential Box Bracket Assembly	1
6	53013	Split Lock Washer 1/4"	2
7	53055	Socket Head Cap Screw 1/4-20 x 7/16	2
8	Varies	S4 Crank Hex Rod	1
9	Varies	Right Crank Leg Assembly	1
10	Varies	S4 Crank Return Side Hex Rod	1
11	Varies	Left Crank Leg Assembly	1
12	Varies	Series 4 Cross Support	1
13	53638	5/16-18 x 3/8 Button Head Socket Screw	10
15	800934	Cross Support End Cap	4
16	53194	5/16-18 Weld Nut 1.375" CL'S	2
17	801218	Series 4 3-Leg Cross Support L Bracket	1
18	Varies	LT U-Channel	Varies
19	Varies	S 4 Crank/ Bracket/Clamp Assembly	1
20	Varies	Series 4 Cross Support	1



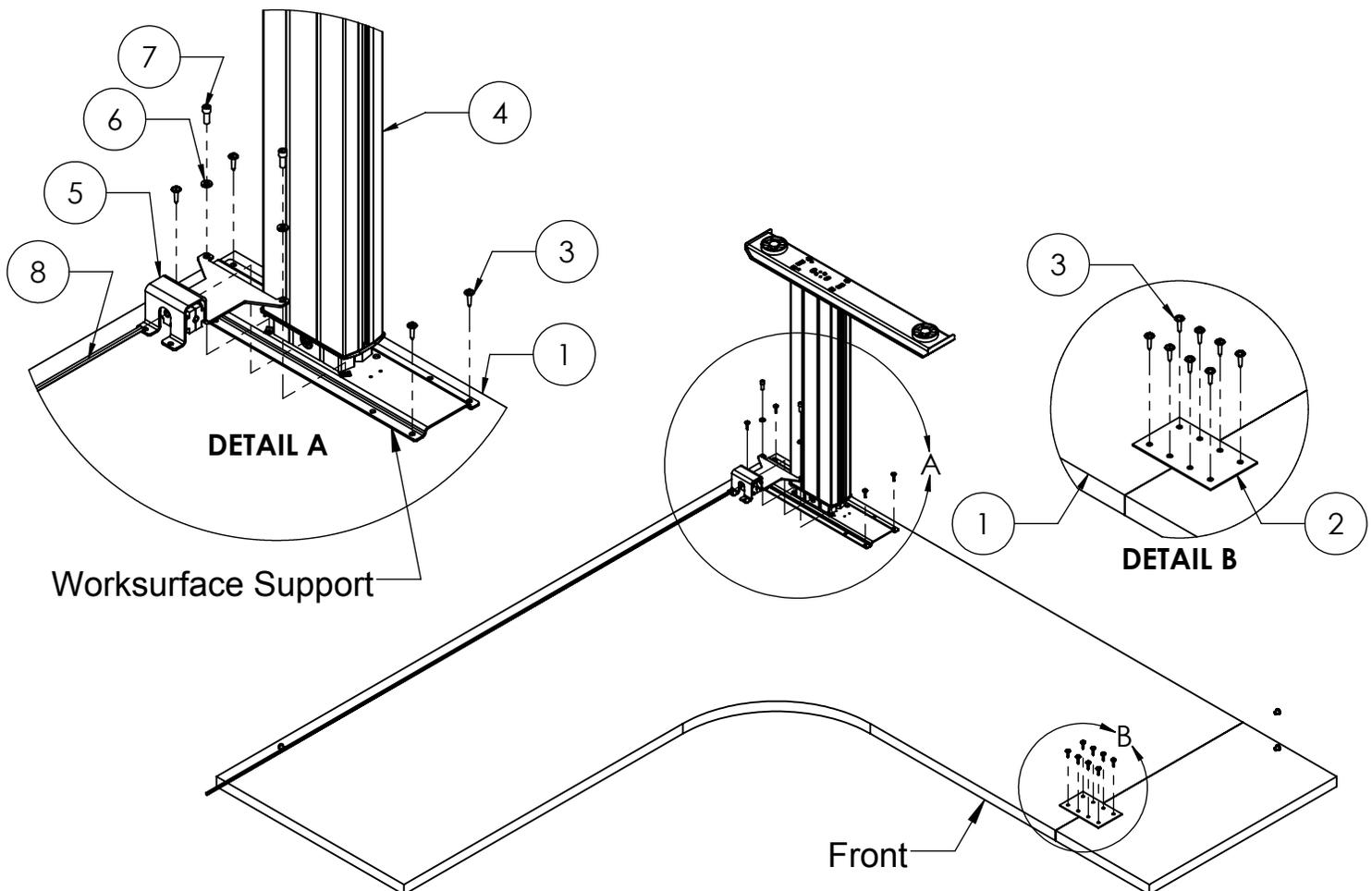
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Step 1: Lay the worksurface(s) **1** on a protected surface with the pilot holes facing up. If your worksurface has a seam, lay the joiner plate **2** centered on the seam and about 3" from the front. Attach it with (8) wood screws **3**. No pilot holes are provided. Do not over-tighten the screws. Use a low torque setting on the power driver.

Step 2: Place the center leg **4** on the worksurface **1** aligning the holes in the worksurface support with the pilot holes in the worksurface. The hole for the hex drive must face in. Attach the leg assembly with (4) wood screws **3** in the outside corners. Leave the screws loose by about 1/8" so you can adjust the cross support **12** later.

Step 3: Insert the hex rod **8** that is 5" shorter than the worksurface through the differential gear and bracket **5** and into the hex drive near the top of the center leg assembly **4**. Align the holes in the differential box bracket with the cage nuts in the worksurface support. Place (2) washers **6** on (2) socket screws **7**. Align the holes in the differential bracket with the cage nuts in the worksurface support. Insert the socket screws through the bracket assembly and thread them into the cage nuts. Fully tighten.

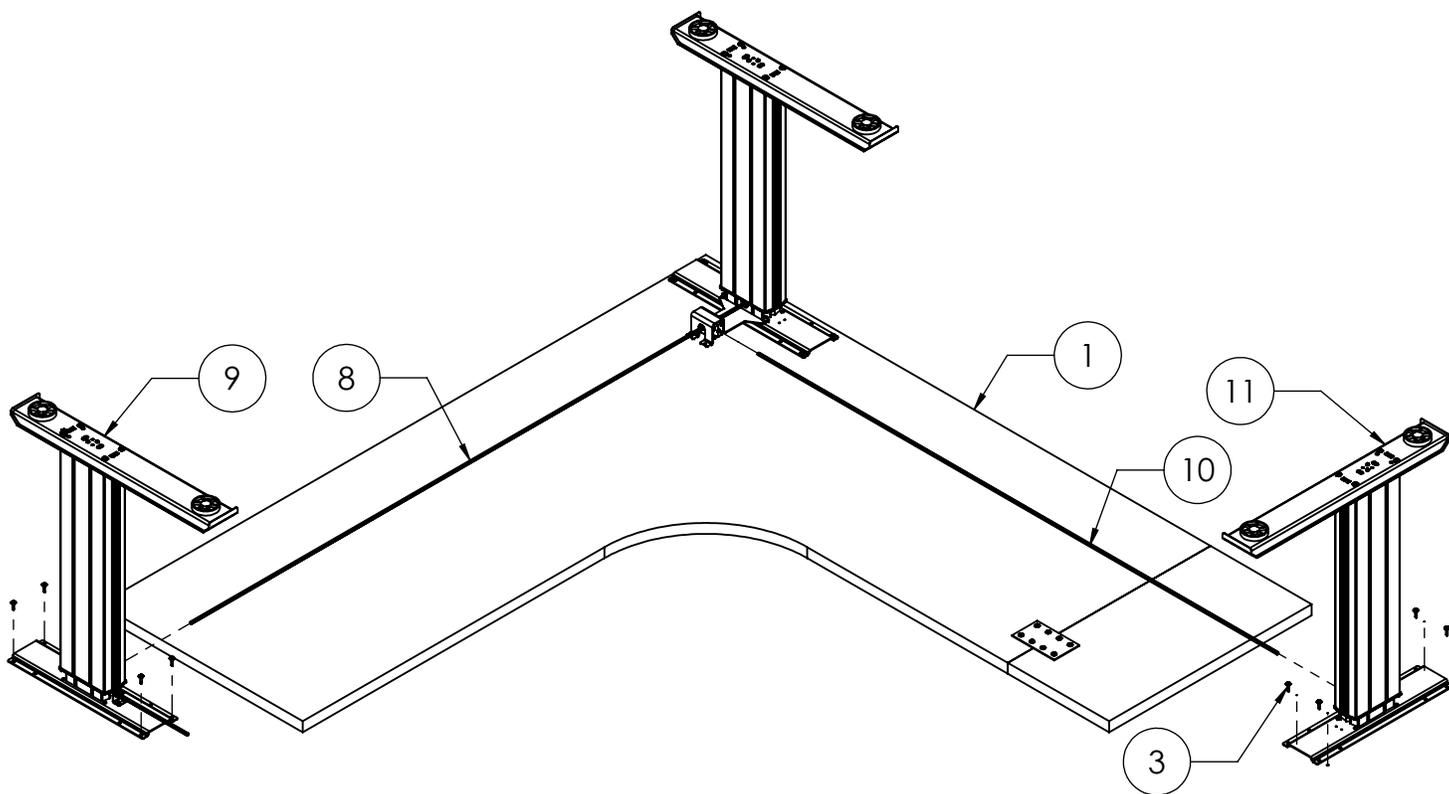


Steps 1-3

Step 4: Place the right leg assembly **9** on the worksurface **1** inserting the hex rod into the hex drive on the leg. You may need to turn the hex rod slightly to align it with the hex drive. It should take less than 1/6 of a turn to accomplish this. If you turn it more than 1/6 of a turn, the legs will be at different heights and

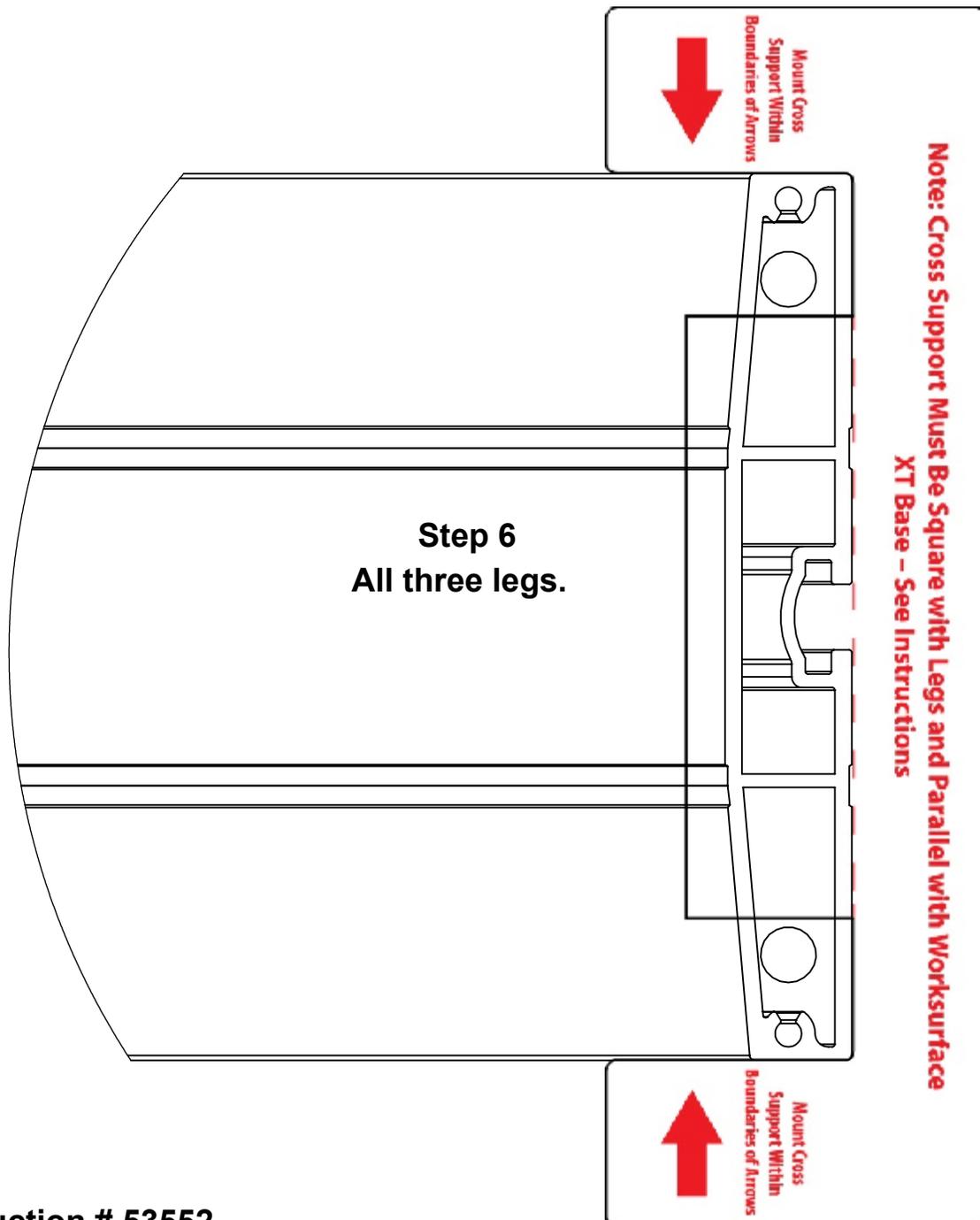
the worksurface will not be level. Align the holes in the worksurface support with the pilot holes in the worksurface and attach the leg assembly with (4) wood screws **3** loosely as you did in Step 2.

Step 5: Insert the remaining hex rod **10** into the differential drive. Place the left leg assembly **11** on the worksurface inserting the other end of the hex rod into the hex drive near the top of the leg assembly. You may need to turn the hex rod as you did in Step 4. Attach the leg assembly loosely with (4) wood screws **3** as you did in Steps 2 and 4.



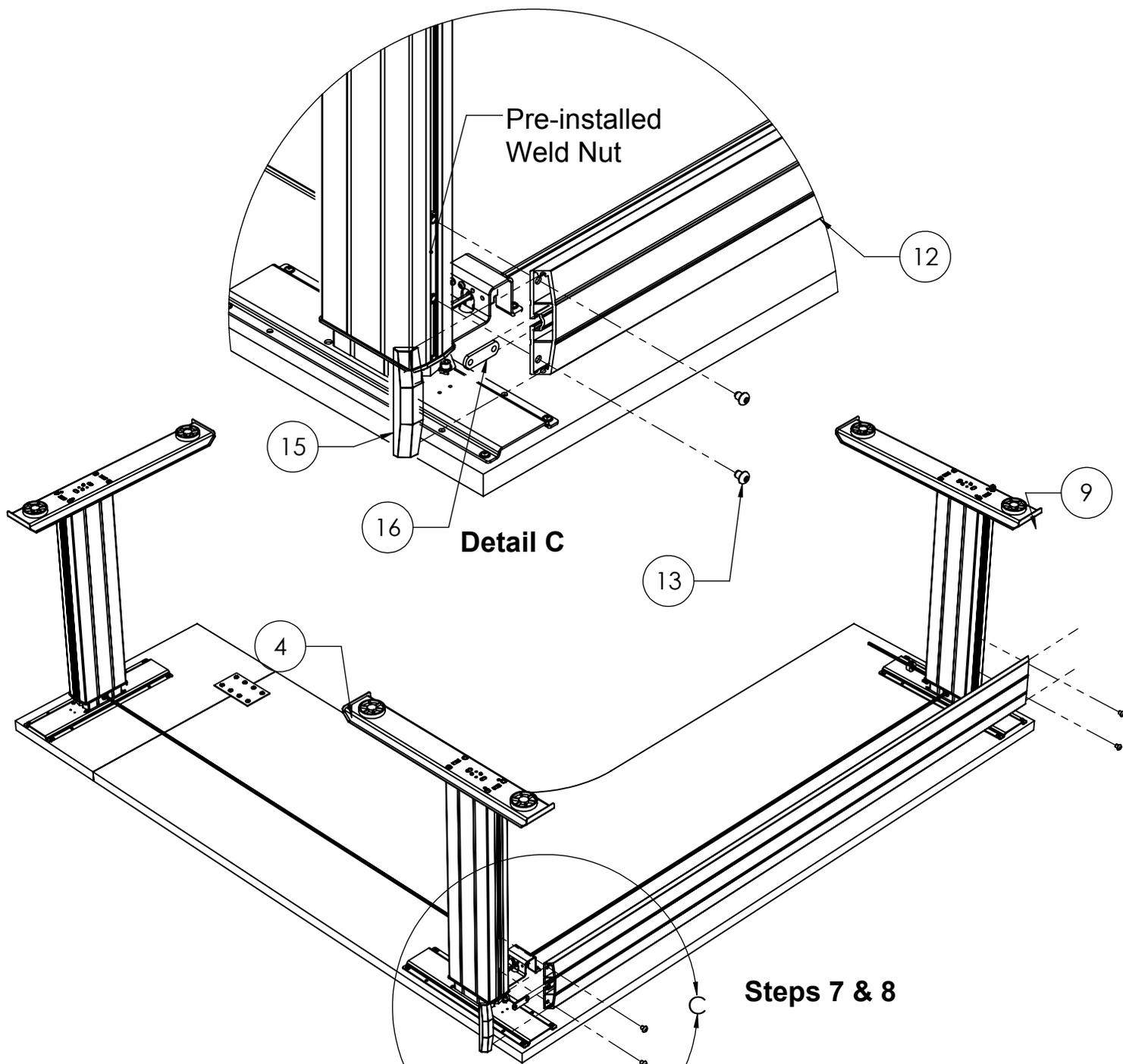
Steps 4 & 5

Step 6: With the help of an assistant align the cross support that is 5" shorter than the work-surface with the stickers on both leg assemblies. See below. Insert (4) socket screws **13** through the holes in the ends of the cross support and thread them into the weld nuts that are held in place by the stickers. See page 7. Do not fully tighten. Check that the cross support is level and parallel to the worksurface. Fully tighten the socket screws.



Step 7: Slide a weld nut **16** into the groove in the back of the cross support **12**. The projections on the weld nut must face outward.

Step 8: Insert an end cap **15** into each end of the cross support **12**.

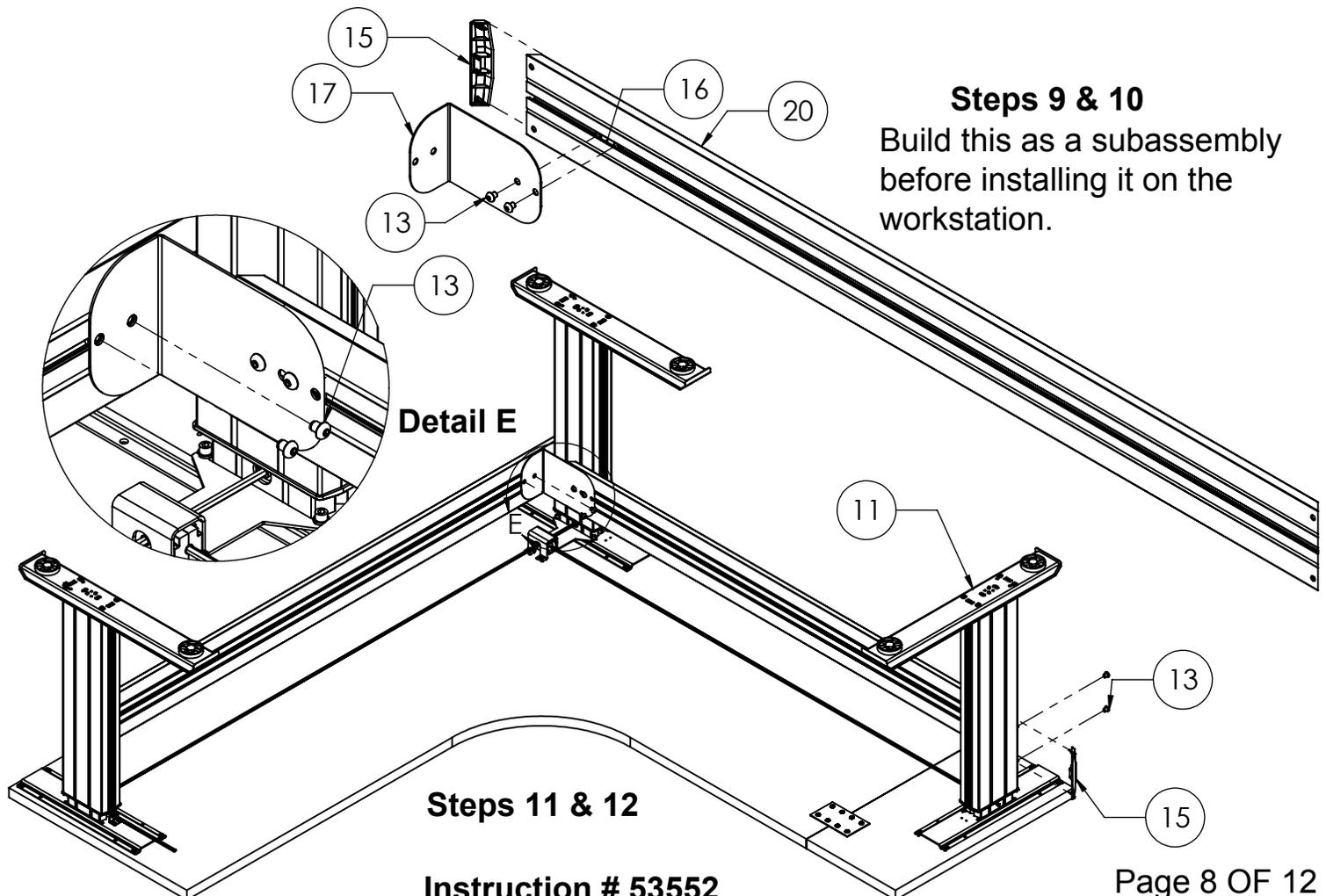


Step 9: Build the subassembly shown below. Slide a weld nut **16** into the groove on the front of the cross support **20**. The projections on the weld nut must face out. Insert (2) socket screws **13** through the holes on the wide side of the L bracket **17** and thread them into the weld nut. Do not fully tighten.

Step 10: Insert an end cap **15** into the end of the cross support **20**.

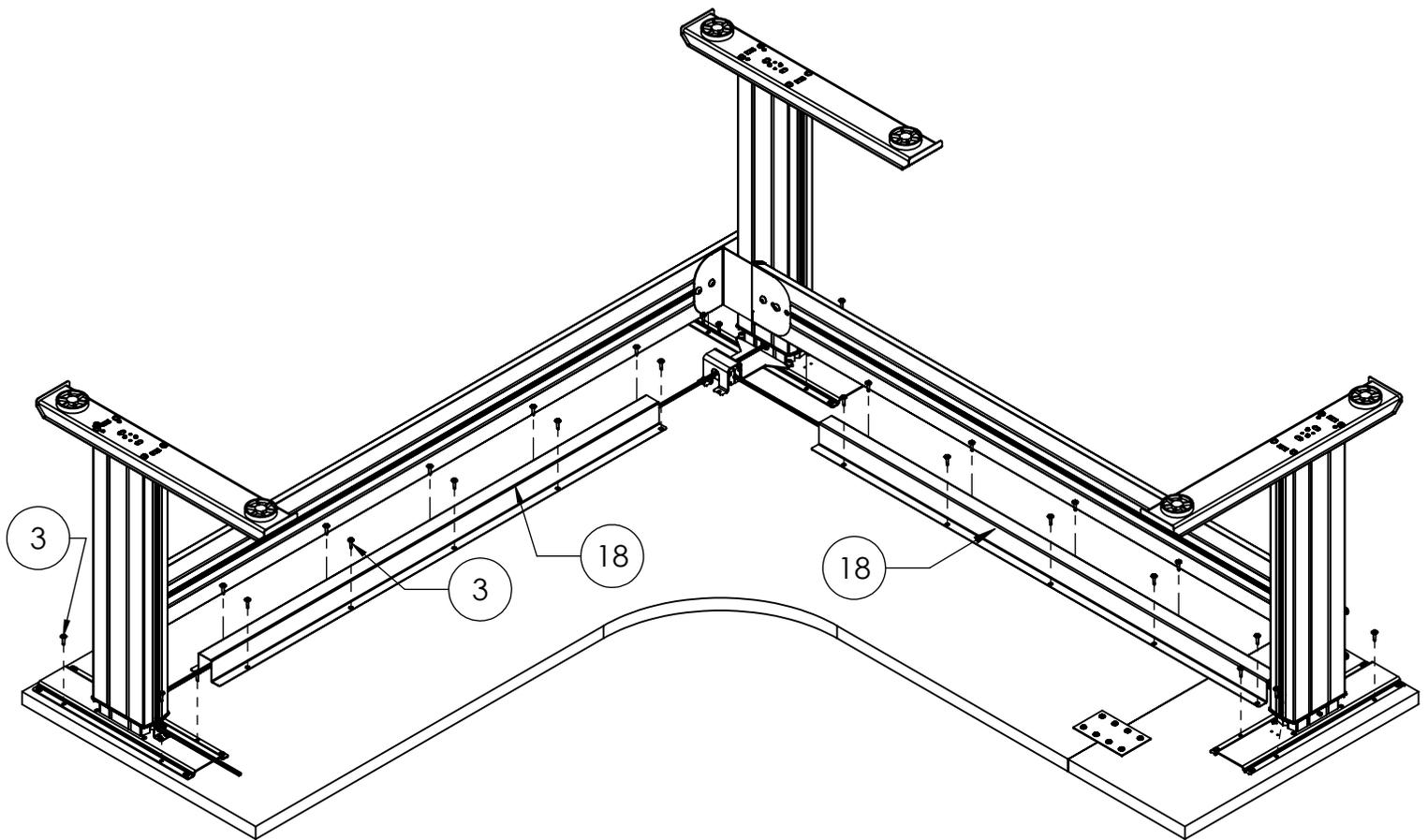
Step 11: Insert (2) socket screws **13** through the holes on the narrow side of the L bracket **17** and thread them into the weld nut in the groove on the first cross support **16**. See Detail E. Do not fully tighten.

Step 12: Align the cross support **20** with the sticker on the third leg assembly **11**. See page 6. Insert (2) socket screws **13** through the holes in the end of the cross support **20** and thread them into the weld nut held in place by the sticker. Do not fully tighten. Make sure the cross support is level and parallel with the edge of the worksurface. Fully tighten all the socket screws. Insert an end cap **15** into the end of the cross support.



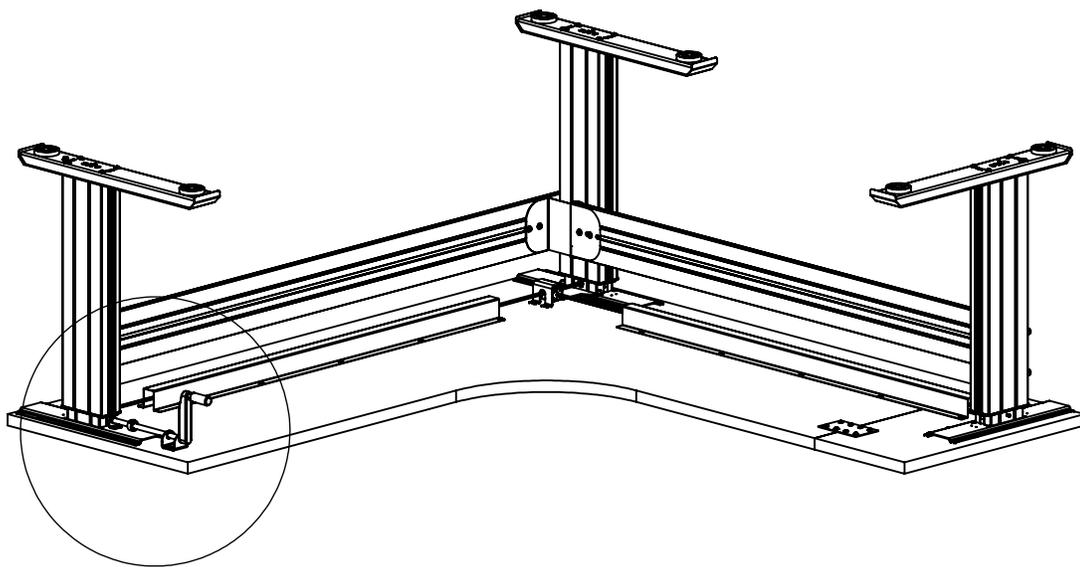
Step 13: Fully tighten the wood screws **3** attaching the leg assemblies **4, 9,** and **11.** to the worksurface **1.** Add (4) more wood screws to each leg assembly. Fully tighten.

Step 14: Align the holes in the u-channels **18** with the pilot holes in the worksurface **1.** Attach them with (6-12) wood screws **3** in each u-channel. Fully tighten.

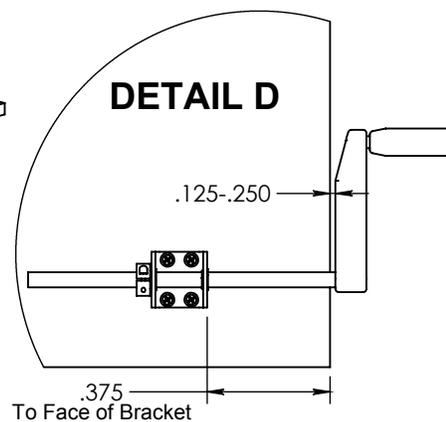


Steps 13-14

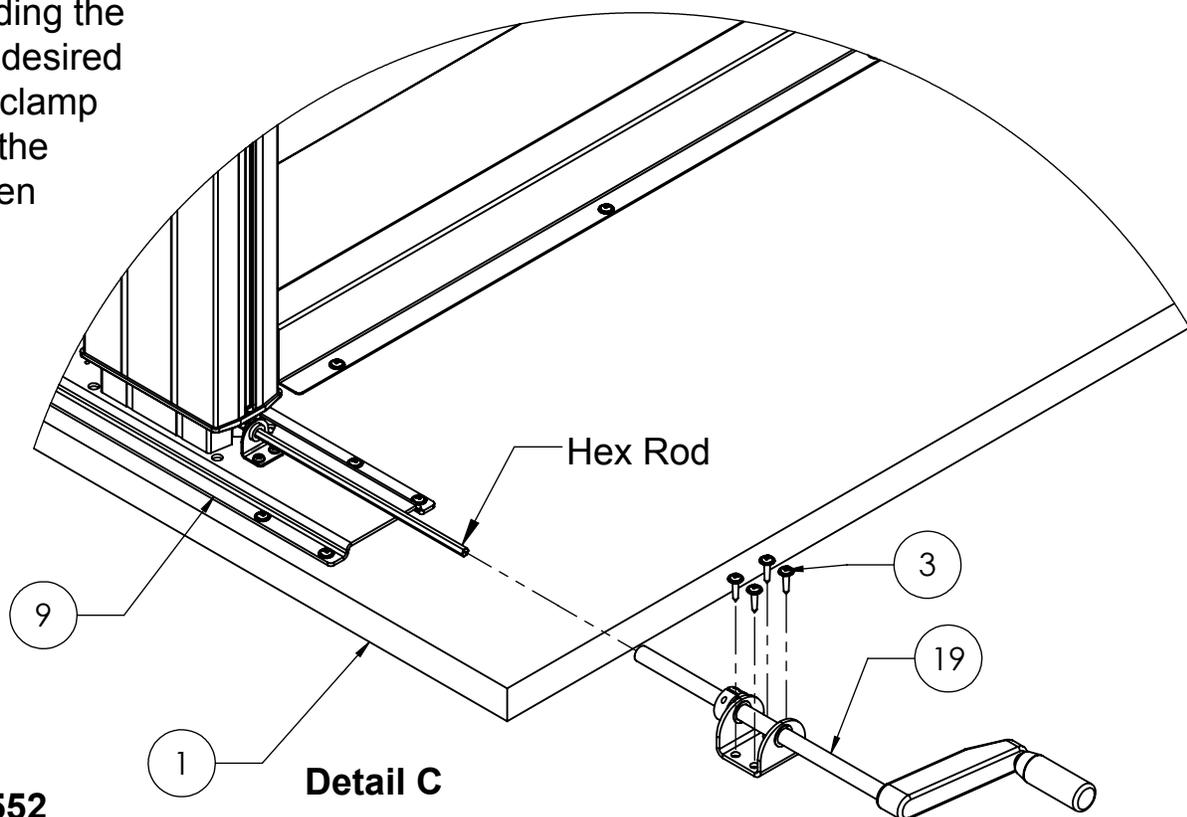
Step 15: Slide the crank/bracket/clamp assembly **19** onto the hex rod protruding from the front of the right leg assembly **9**. Align the holes in the bracket with the pilot holes in the worksurface **1**. Attach it with (4) wood screws **3**.



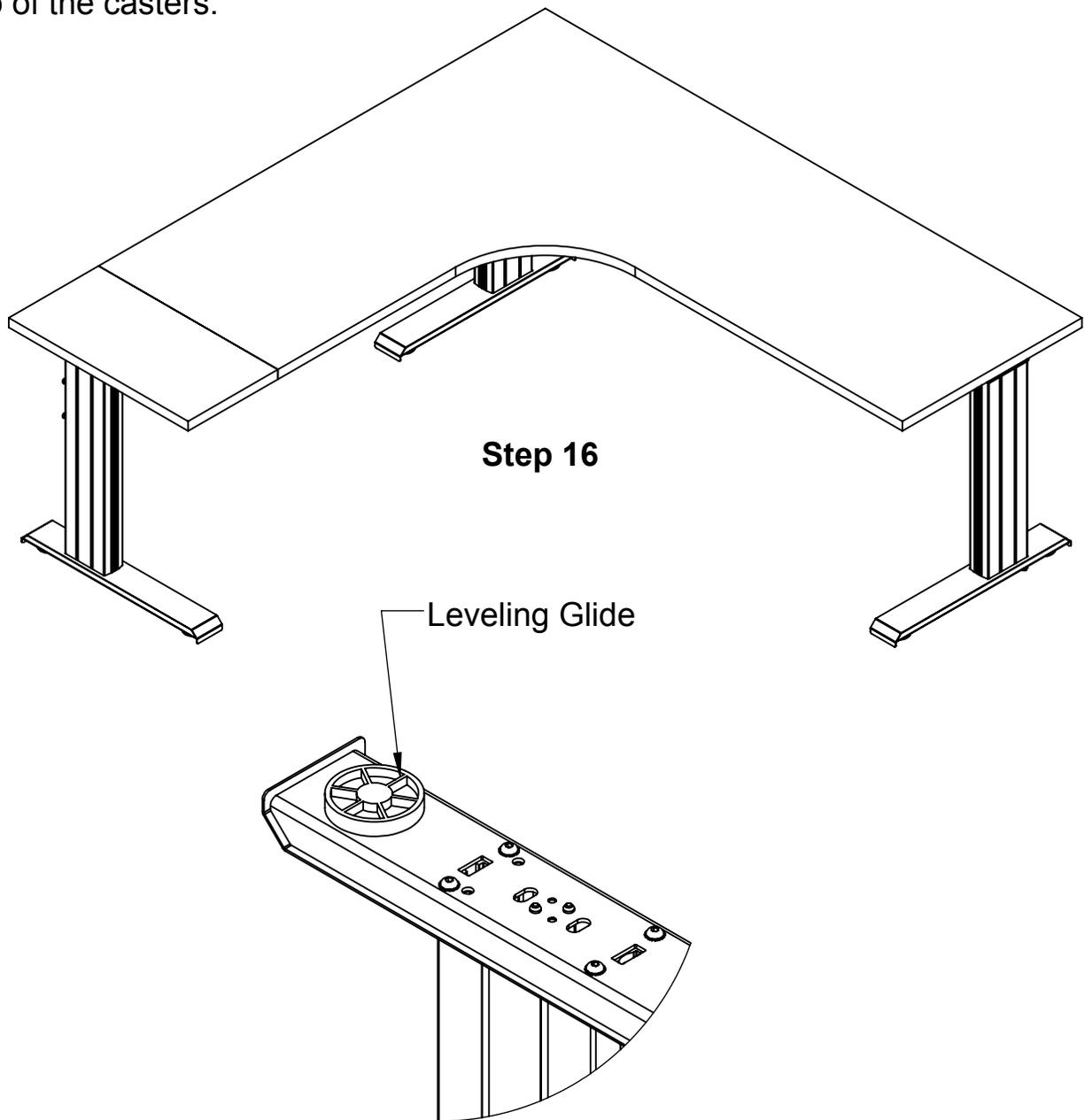
Step 15



Note: The position of the crank handle can be adjusted in or out by loosening the screw in the clamp and sliding the crank handle to the desired position. Place the clamp against the back of the bracket and re-tighten the screw.



Step 16: With the help of an assistant, set the workstation upright in its final location. Level the workstation if required by turning the leveler glides clockwise (from the top) on the low corners of the unit. If your workstation has casters, level it by turning the bolts at the top of the casters.





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Instructions To Install a Track on a Series 4 LT Workstation:

Step 1: Place the front of the track **A** against the bottom of the worksurface and the back of the track against the u-channel.

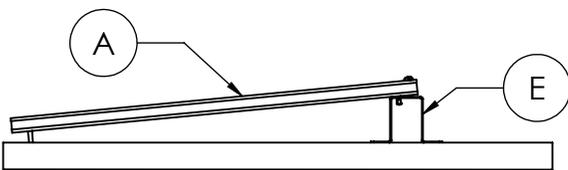
Step 2: Align the holes in the track **A** with one set of pilot holes in the u-channel **E** keeping the front of the track 1/8"-5/8" from the front of the worksurface. Place (2) washers **B** on (2) self drilling screws **C**. Drive them through the track and into the u-channel.

Step 3: Attach the front of the track **A** to the worksurface using (2) wood screws **D**. Do not over-tighten the wood screws. Use a low torque setting on the power driver.

Step 4: Complete the installation using the instructions that came with the product you are installing.

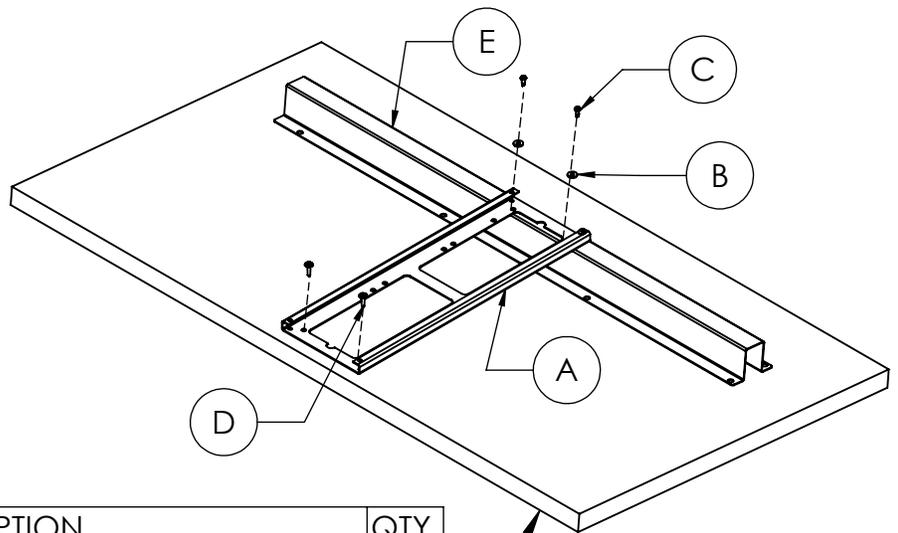
If the workstation leg assemblies are at uneven heights, it is usually caused by an improperly installed hex rod. Disassemble one of the legs that point in the same direction from the worksurface and make sure both ends of the hex rods are properly engaged in the hex drives near the top of the leg assemblies.

Troubleshooting: If you have problems with the table operation, contact RightAngle™ service at 800-298-4351 or orders@raproducts.com.



Side View

(Track will be at an angle when installation is finished.)



Your worksurface may be different than the one shown here.

ITEM #	PART #	DESCRIPTION	QTY.
A	Varies	Track Assembly	1
B	52336	3/16" Aluminum Rivet Washer .198 x .510 x .067	2
C	52678	8-18X1/2 Phillips Pan Self Drill Screw	2
D	51708	M5 x 18mm (7/8") Sq/Ph/Wshr Head Wood Screw	2
E	Varies	LT U-channel	1