

Baby Lock Coronet Frame

Assembly Instructions

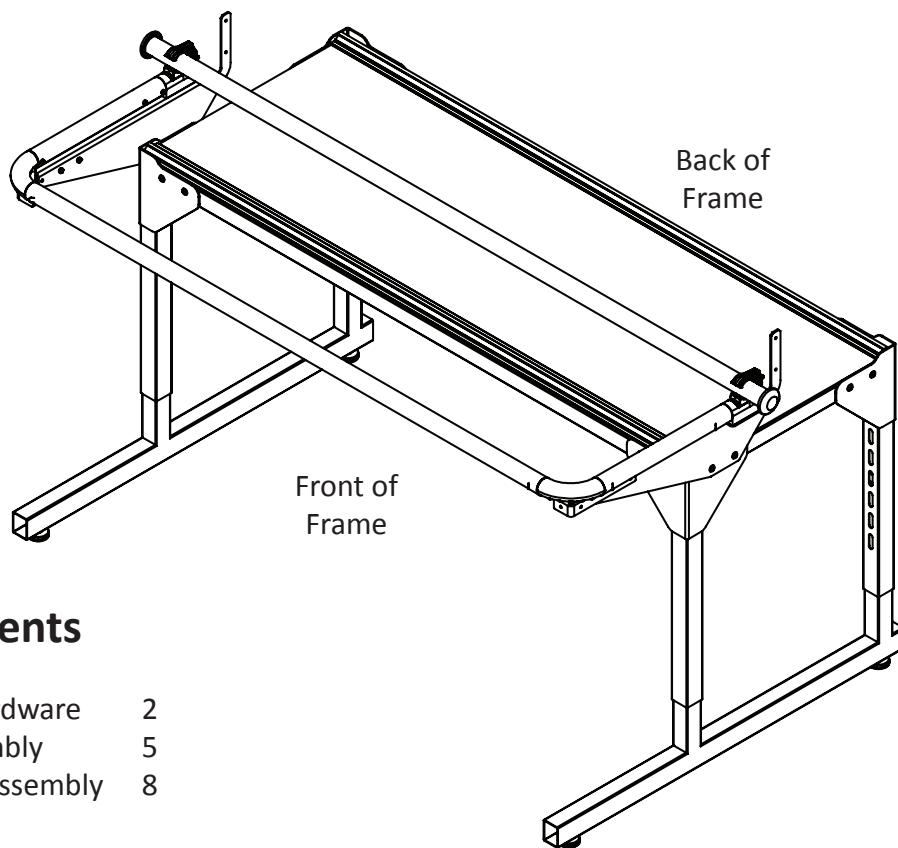


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Introduction

The Coronet Frame can be set up to work with either the Coronet™ (a 16-inch quilting machine) or the Crown Jewel® (an 18-inch quilting machine). The frame enables you to use either stand-up quilting machine within a smaller footprint than our other Frames, yet you can do quilts of any size.

What's Included

Your Coronet Frame is delivered in two separate boxes. After opening, check immediately to see that you have received the items listed in the Parts and Hardware list found on pages 2 and 3.

Box 1:

Includes side arms and supports, upper leg supports, Coronet Frame assembly instructions, and all other parts and hardware.

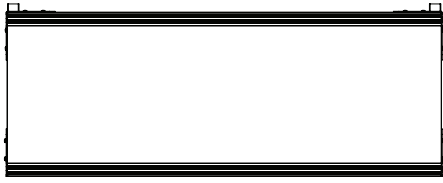
Box 2:

- 1 – Table top with tracks
- 2 – Lower legs
- 1 – Front pole (56")
- 1 – Rear pole (68")



Baby Lock Consumer Helpline: 800-313-4110
www.babylock.com

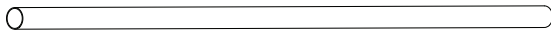
Frame Parts and Hardware



1 – Table top with tracks
(#QF05300-300, Box 2)



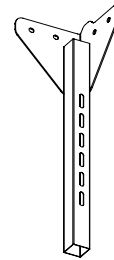
1 – Front pole (56")
(#QF10005, Box 2)



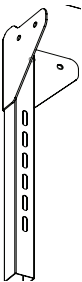
1 – Rear pole (68")
(#QF10009, Box 2)



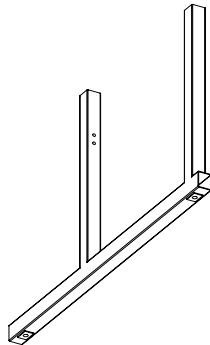
2 – Rear pole endcaps
(#QF10011, Box 1)



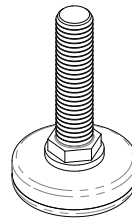
2 – Upper leg A
(#QF10017, Box 1)



2 – Upper leg B
(#QF10016, Box 1)



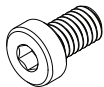
2 – Lower legs
(#QF05300-401, Box 2)



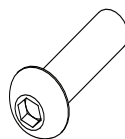
4 – Leveling foot
(#QF09318-108, Box 1)



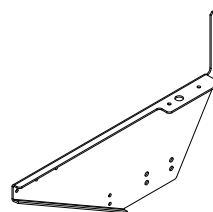
4 – Nylon washers
(#QF05300-157, Box 1)



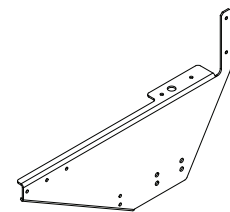
14 – M6 x 10mm socket
cap screws
(#QF10006, Box 1)



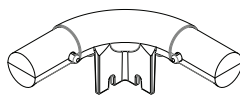
20 – M8 x 20mm socket
button head cap screws
(SBHCS)
(#QF10959, Box 1)



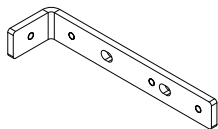
1 – Right side arm
(#QF10007, Box 1)



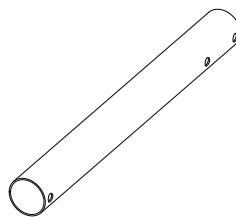
1 – Left side arm
(#QF10008, Box 1)



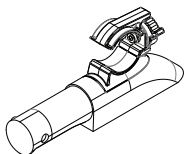
2 – Front pole corner
connectors
(#QF10003, Box 1)



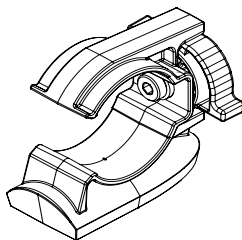
4 – L-brackets
(#QF10010, Box 1)



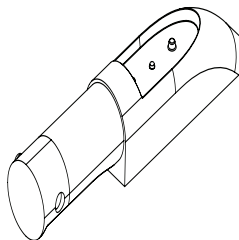
2 – Side arm pole
(#QF10004, Box 1)



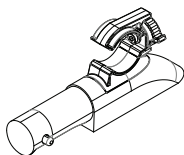
1 – Right side arm
pole clamp (for part
codes, see right)
(Box 1)



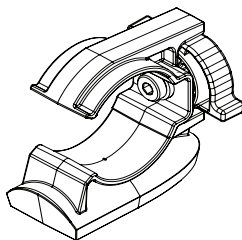
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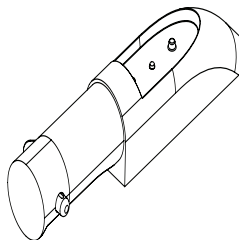
#QF10042



1 – Left side arm
pole clamp (for part
codes, see right)
(Box 1)



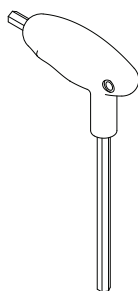
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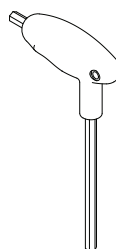
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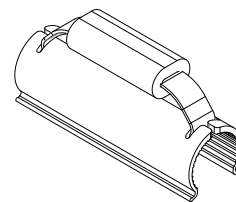
1 – 17/13 mm wrench
(for leveling feet)
(#QF09318-114, Box 1)



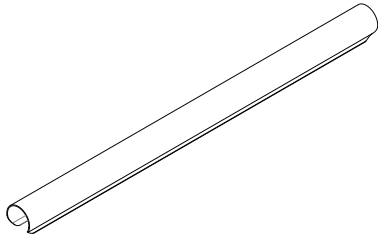
1 – 5 mm hex tool
(QF09318-113, Box 1)



1 – 4 mm hex tool
(QF09318-112, Box 1)



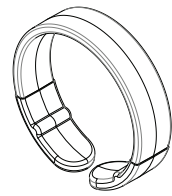
6 – Easy-Grasp
Quilt Clamps
(#BLQ-EQC, Box 1)



1 – Deluxe Quilt Clamp
(#BLQ-DQC, Box 1)



3 – 2-Inch Small Quilt
Clamps
(#BLQ-SQC, Box 1)



3 – 3-Inch Large Quilt
Clamps
(#BLQ-LQC, Box 1)

Table and Leg Assembly

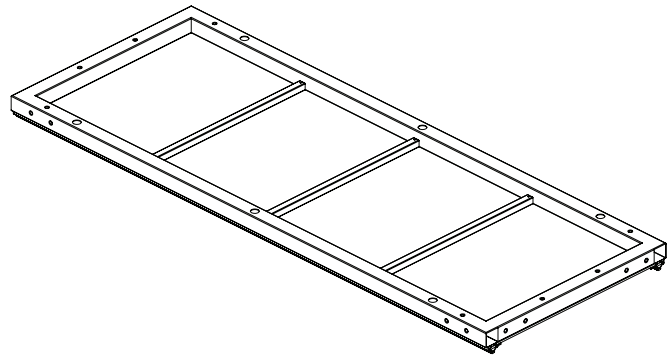
Parts Needed

- 1 - Table top section
- 2 - Upper leg A
- 2 - Upper leg B
- 2 - Lower legs
- 4 - Leveling feet
- 20 - M8 x 20 mm socket button head cap screws
- 4 - Nylon washers
- 2 - L-brackets

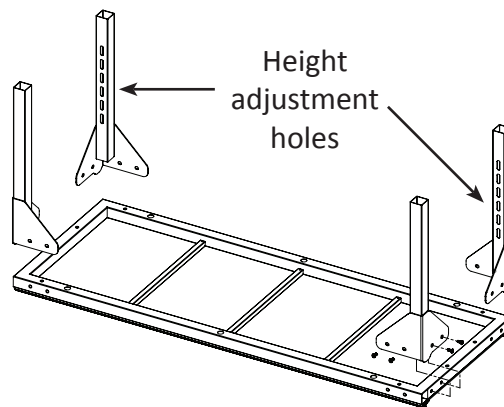
Tools Required

- 5 mm hex tool (provided)
- 17/13 mm wrench (provided)
- Spirit level (not provided)

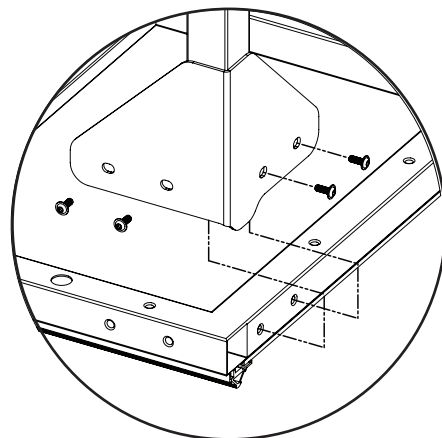
1. Place the table top section face down onto a protective surface.



2. Attach the upper legs: Position the upper legs A and B so the height adjustment holes face each other across the short end of the table.

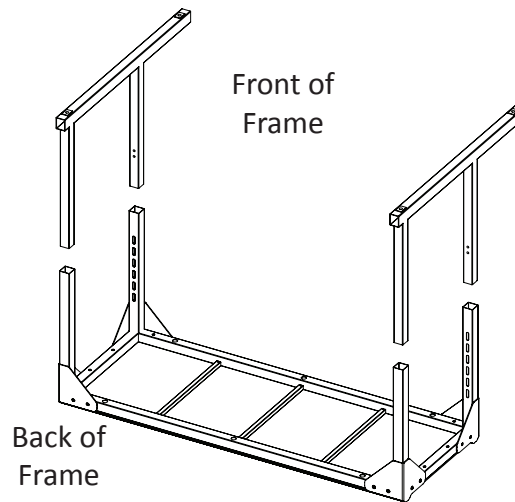


3. Attach each upper leg to the table with four (4) M8 x 20 mm socket button head cap screws (SBHCS) through the upper corner leg brackets into the holes on the sides of the table.

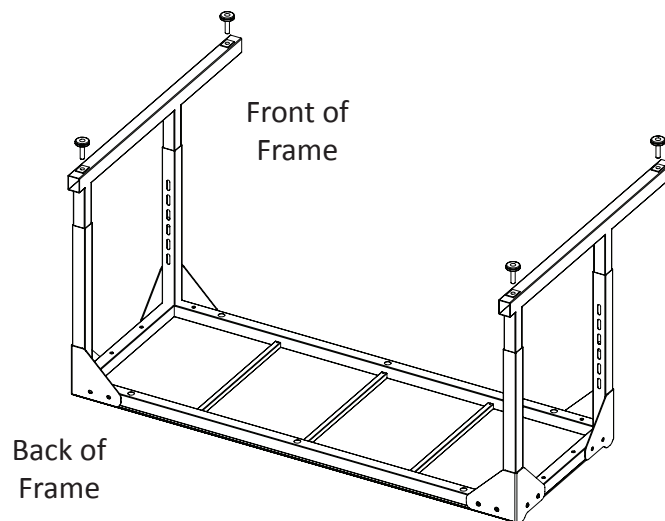


4. Tighten with the 5 mm hex tool. (Do not fully tighten the screws at this time as you will remove these screws to attach L-brackets later in the installation process.)

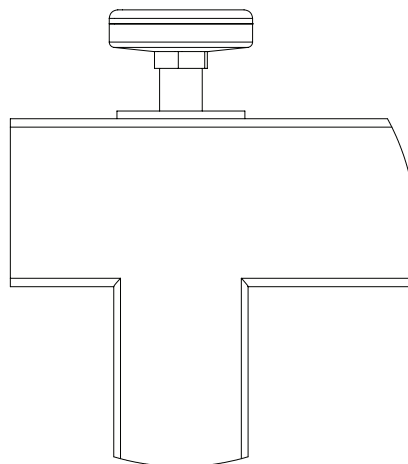
5. Insert the lower legs: Slide one lower leg onto the two upper corner legs on each end of the frame. The extended end of the lower leg faces what will be the front of the frame. Repeat for the opposite end of the frame, orienting the extended end of the lower leg the same way as the first leg.



6. Insert the leveling feet: Thread a leveling foot into each end of the leg assemblies.




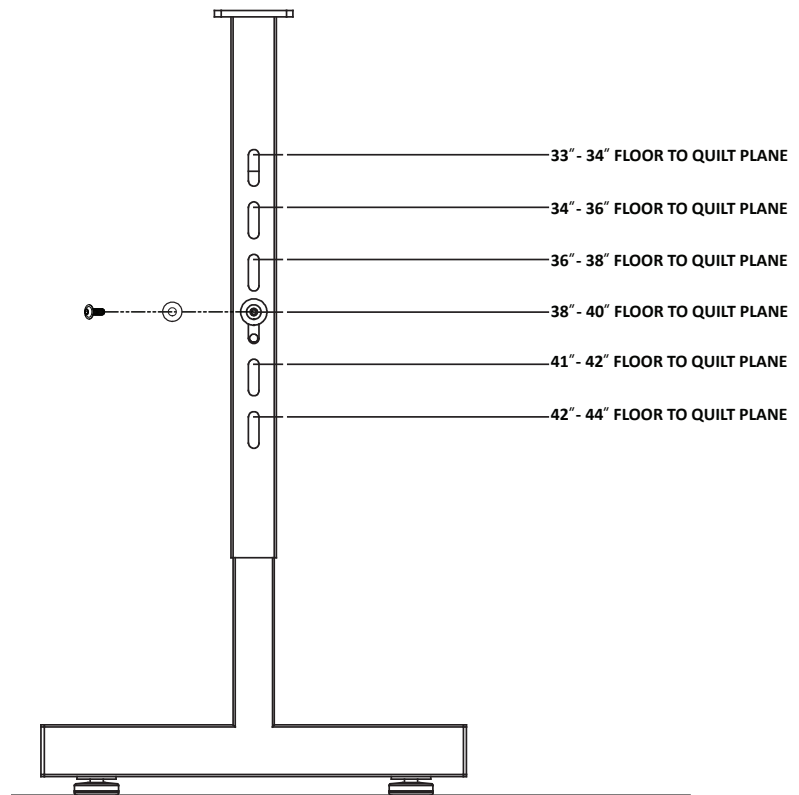
7. Use the 17/13 mm wrench to tighten the leveling foot, leaving about 1/2 inch of threads exposed to make it easier to level the frame later.



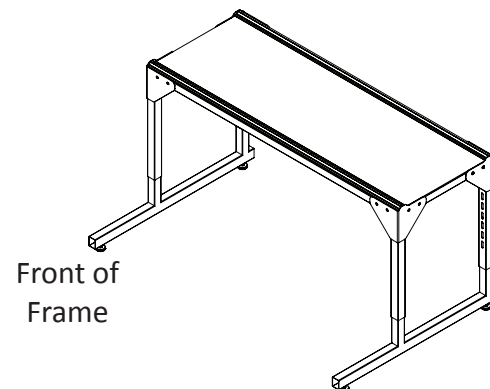
8. Set the frame height: Decide on the preferred height of the frame. Use the image at the right to identify which height adjustment holes to use for securing the lower legs.

Place an M8 x 20mm SBHCS with a nylon washer into the same height setting on each of the corner legs. (The nylon washer protects the paint in case you change the height setting later.) Fully tighten the screw on each leg with the 5 mm hex tool.

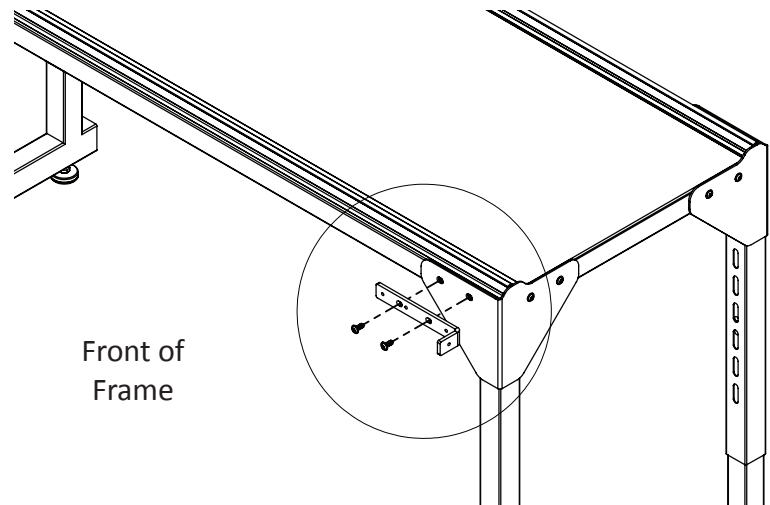
 **NOTE:** Adjust the frame height so that when standing at the front of the machine with your hands on the front handle bars, your elbows are bent at a 90-degree angle.



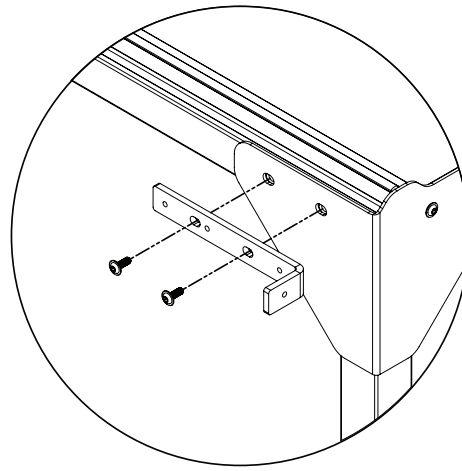
9. Stand the frame upright: With the help of a second person, lift the frame into an upright position.



10. Attach L-brackets: With the 5 mm hex tool, loosen and then remove the screws from the front of an upper leg. (See the detail in the next figure.)



11. Align the holes in one of the L-brackets over the leg holes on the long side of the table, replace the screws, and tighten. Repeat steps 10 and 11 with the front of the other upper leg.



Side Arm and Pole Assembly

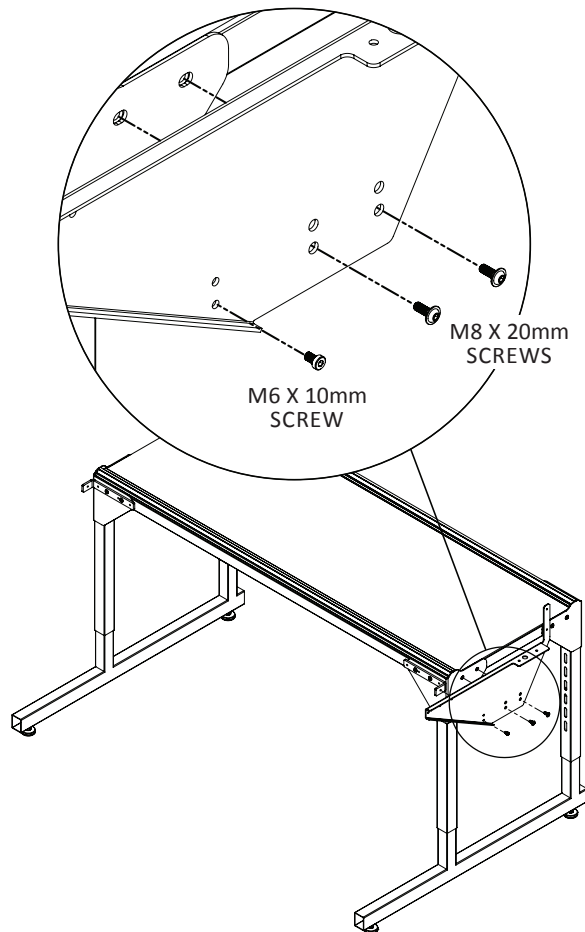
Parts Needed


- 2 – Side arms
- 14 – M6 x 10mm socket cap screws
- 2 – L-brackets
- 1 – Left side arm pole clamp
- 1 – Right side arm pole clamp
- 2 – Side arm poles
- 2 – Front pole corner connectors
- 2 – Rear pole endcaps
- 1 – Rear pole
- 1 – Front pole

Tools Required

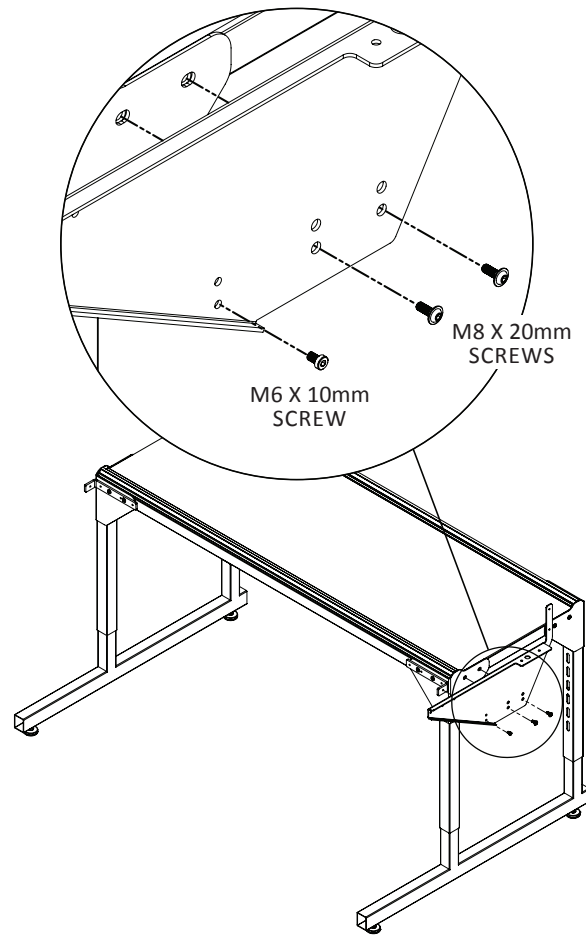
- 5 mm hex tool (provided)
- 4 mm hex tool (provided)
- 17/13 mm wrench (provided)


1. Attach the right and left side arms:
Use the 5 mm hex tool to remove the M8 x 20mm socket button head screws (2) from the sides of the left and right upper legs, one side at a time. Using the bottom row of holes on each side arm, place a screw in the far left hole in the left side arm and align with the far left hole in the upper leg. Tighten the screws to secure to the side of the frame.



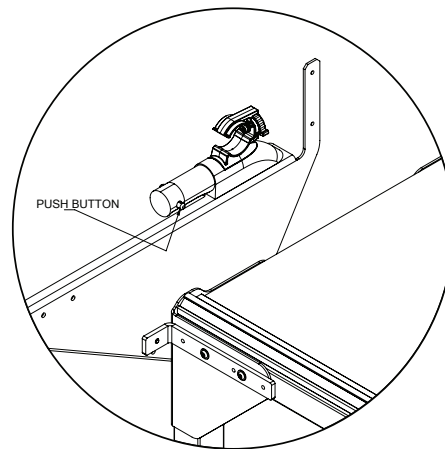
 **NOTE:** Note the orientation of the side arms in the figure above. The vertical metal extension is positioned toward the back of the frame.


2. Use the 4 mm hex tool to screw one of the M6 x 10mm socket cap screws to secure the side arm to the L-bracket on table-top frame.



 **NOTE:** If the L-bracket isn't flush with the side arm, you will need to loosen the screws that hold it to the front of the table and slide it until it is against the side arm. Then retighten the screws and secure the side arm to the L-bracket as described in step 2.

3. Repeat steps 1 and 2 for the right side arm. If necessary, fully tighten the screws connecting the side arms to the frame.
4. Attach the left and right side arm pole clamps: Use the 4 mm hex tool and two (2) M6 x 10mm socket cap screws to attach the side arm pole clamps to each side arm.

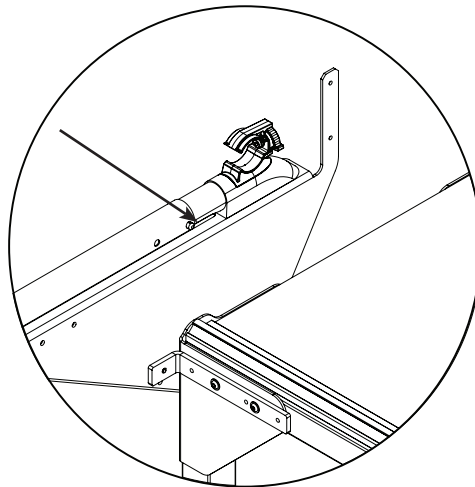


 **NOTE:** Make sure you have identified the right and left side arm pole clamps. When properly installed, the silver push button on the side arm pole clamp will face the center of the frame.

5. Press in the push button on the side arm pole clamp and slide it onto the side arm pole bracket.

18-inch machines:

If you are setting up the Coronet Frame for an 18-inch machine, slide on the Side Arm Poles so that the button snaps into the first hole (see arrow).

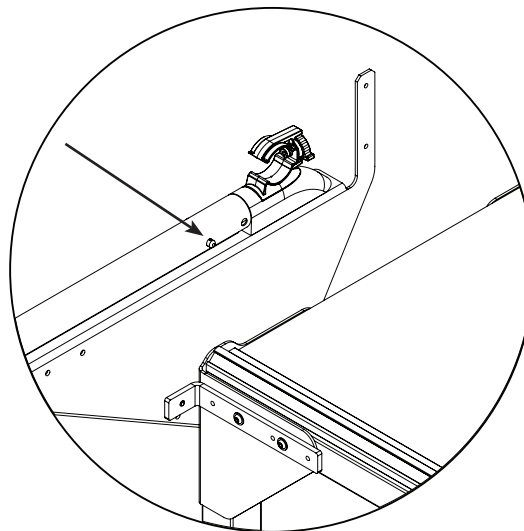


Set up for an 18-inch machine

16-inch machines:

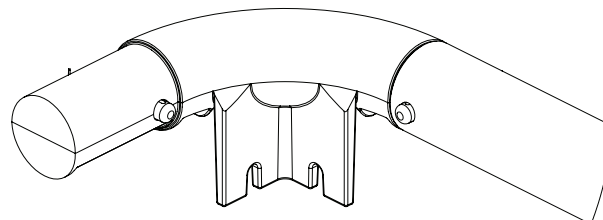
If you are setting up the Coronet Frame for a 16-inch machine, make sure the button snaps into the second hole (see arrow).

Repeat with the other side of the frame.

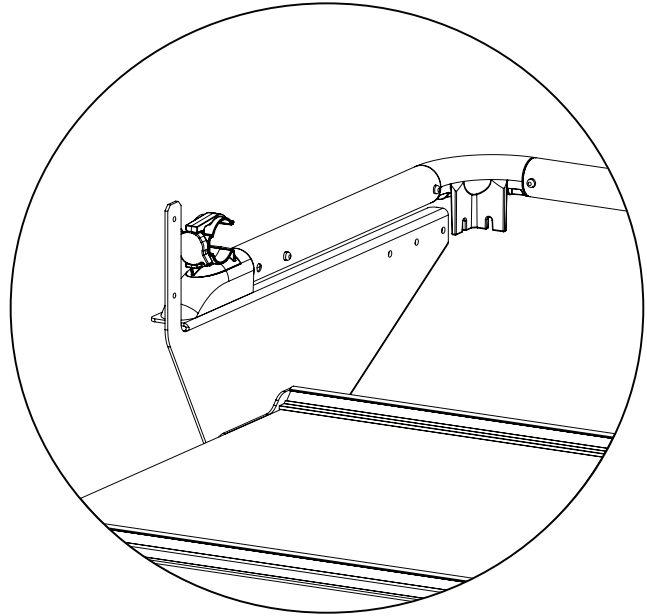


Set up for a 16-inch machine

6. Assemble the front pole: Identify the front pole corner connectors. Press in the button on one of the front pole corner connectors and insert it into the left side of the front pole until the button snaps in place. Press in the button on the other front pole corner connector and insert it into the right side of the front pole until the button snaps in place.



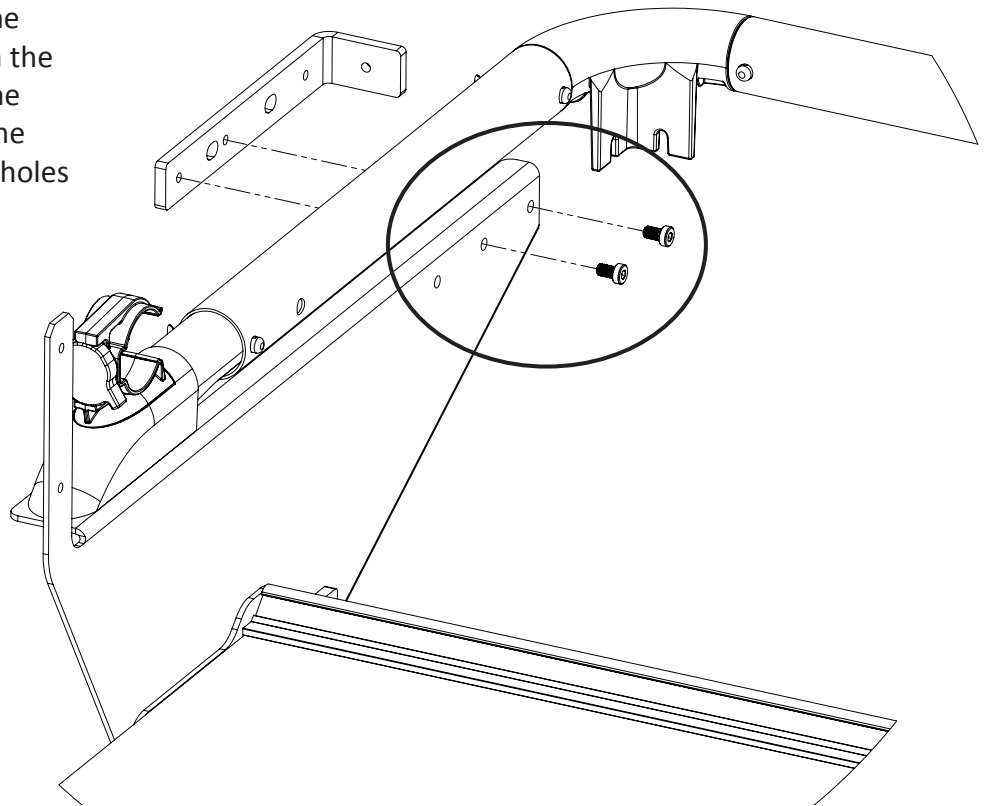
7. Attach the front pole assembly to the frame: Press in the button on the left side of the front pole assembly and insert the pole into the side arm poles until the button snaps in place. Repeat with the right side of the front pole assembly and the right side of the frame.



8. Attach the other L-brackets: Insert two (2) M6 x 10mm socket cap screws into the holes on the inside of the side arm and use the 4 mm hex tool to tighten the screws to secure side arm to the L-bracket. Insert two (2) M6 x 10mm socket cap screws into the holes on the inside of the front pole corner connector and use the 4 mm hex tool to tighten the screws to secure the front pole corner connector to the L-bracket. Repeat on the other side of the frame.

Set up for an 18-inch machine:

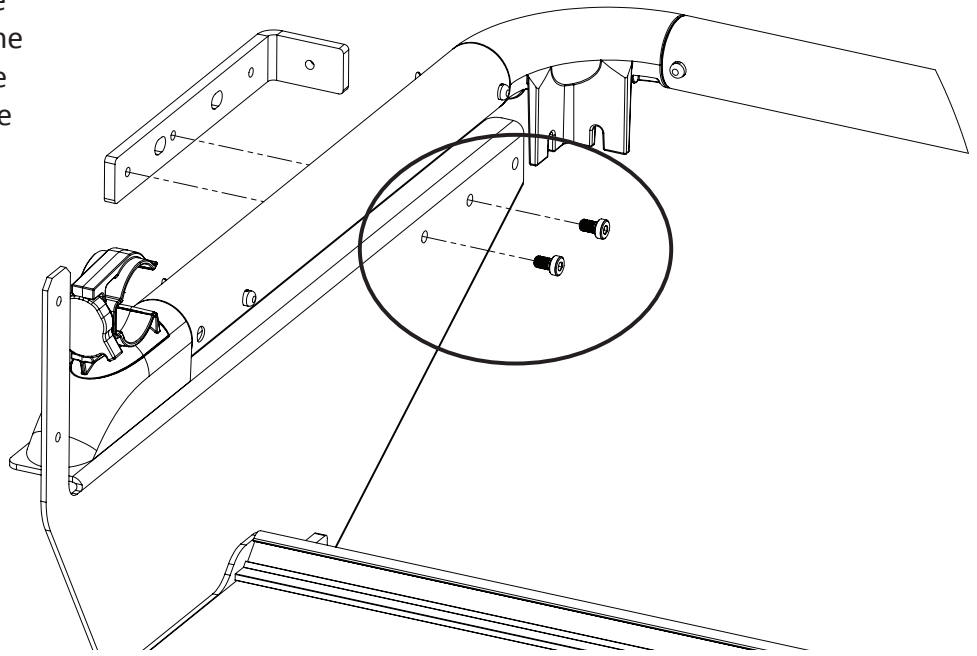
If you are setting up the frame for an 18-inch machine, align the holes in the L-bracket with the side arm holes as shown in the figure at the right (front two holes on the side arm).



Set up for an 18-inch machine.

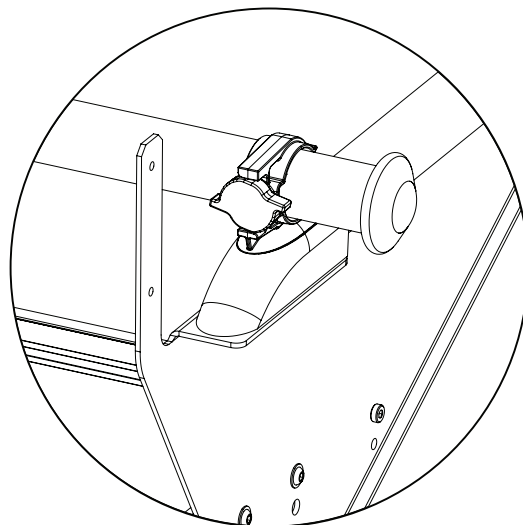
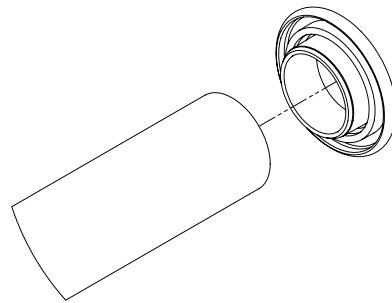
Set up for 16-inch machine:


If you are setting up the frame for a 16-inch machine, align the holes in the L-bracket with the side arm holes as shown in the figure at the right (back two holes on the side arm).



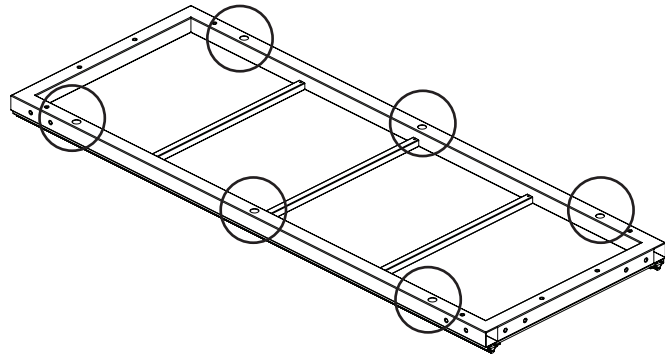
Set up for a 16-inch machine

9. Assemble and attach the rear pole: Insert a rear pole endcap into each end of the rear pole. Attach the rear pole to the side arm clamps. Open the clamps by loosening the knob on the back. Then snap in the pole and tighten the knobs as needed.




 **NOTE:** When you put the carriage and quilting machine onto the frame, you will need to remove the rear pole temporarily and then replace the pole, placing it through the throat space of the machine.

10. Tighten the tracks: Place the machine carriage on the tracks with the encoder toward the back of the frame. Slide the carriage on the tracks from side to side to fine tune the track position. To fully fasten the tracks to the table top, use the 4 mm hex tool to tighten the six (6) installed M6 x 10 mm socket cap screws.



Access the three screws on each track from below the table top: one at the left, one in the center, and one at the right (circled above).

 **NOTE:** If the tracks are tight up against the table top, you might need to use the 4 mm hex tool to first loosen the three (3) installed M6 x 10 mm socket cap screws on the track supports: one at the left, one in the center, and one at the right.

11. Level the frame: Using a spirit level, check and adjust the frame top to be level in the place where it will be used, both front to back and side to side, by adjusting the leveling feet. If no spirit level is available, check the table with the machine on the carriage and the tracks. When the table is level, the machine should stay where you put it and not roll forward, backward, or side to side.
12. Double check the frame height: Adjust the frame height so that when standing at the front of the machine with your hands on the front handle bars, your elbows are bent at a 90-degree angle. Refer back to step six under Table and Leg Assembly. Remove the machine and carriage from the frame. Then have a helper lift the frame weight off the height adjusting screws so you can make a height adjustment to both sides of the frame.

