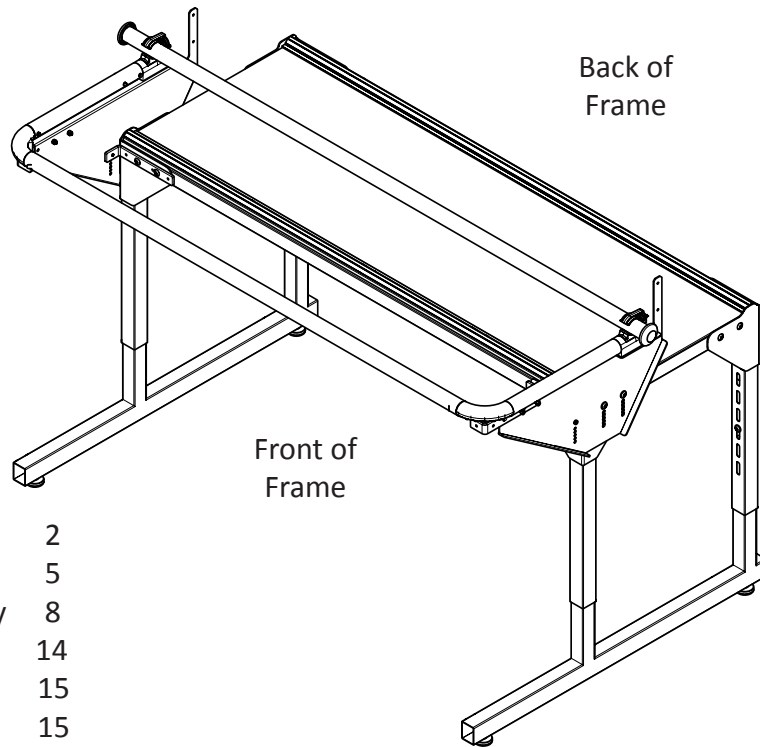


# Janome Quilt Maker Pro 5' Quilting Frame

## Assembly Instructions



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## Introduction

The Quilt Maker Pro 5' Quilting Frame can be set up to work with the Janome Quilt Maker Pro 16 or 18 machine. The frame enables you to use the machine within a small footprint, yet you can do quilts of any size.

## What's Included

Your Quilt Maker Pro 5' Quilting 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, 3 and 4.

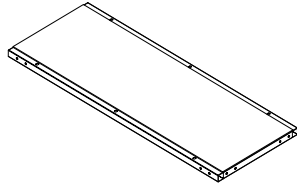
### Box 1:

Includes side arms and supports, upper leg supports, Quilt Maker Pro 5' Quilting Frame assembly instructions, and all other parts and hardware.

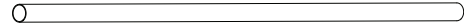
### Box 2:

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

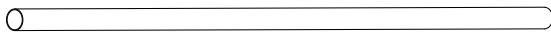
# Frame Parts and Hardware



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



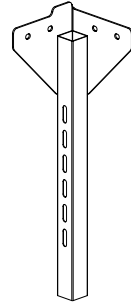
1 – Front pole (56")  
(#QF10005, Box 2)



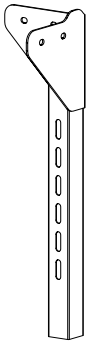
1 – Rear pole (68")  
(#QF10009, Box 2)



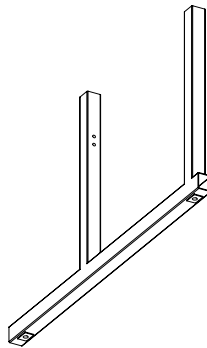
2 – Rear pole end-caps  
(#QF10011, Box 1)



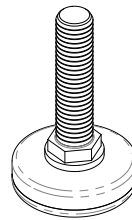
2 – Upper leg A  
front right and back left  
(#QF05300-402, Box 1)



2 – Upper leg B  
front left and back right  
(#QF05300-403, Box 1)



2 – Lower legs  
(#QF05300-401, Box 2)



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



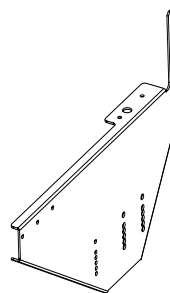
4 – Nylon washers  
(#QF05300-157, Box 1)



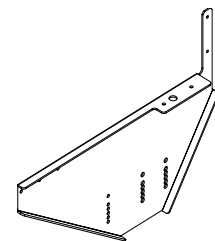
14 – M6 x 10mm socket  
cap screws; 1 more  
comes in each of the  
knob assemblies.  
(#QF10006, Box 1)



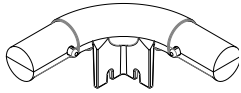
20 – M8 x 20mm socket  
button head cap screws,  
SBHCS, with Flange  
(#QF10959, Box 1)



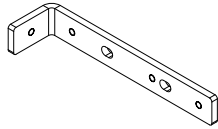
1 – Left side arm  
(#QF10008-JA, Box 1)



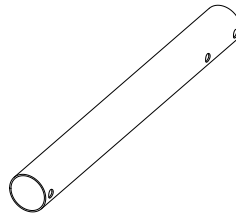
1 – Right side arm  
(#QF10007-JA, Box 1)



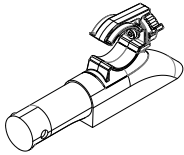
2 – Front pole corner connectors (#QF10003, Box 1)



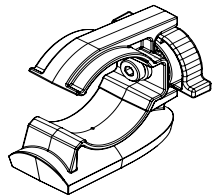
4 – L-brackets (#QF10010, Box 1)



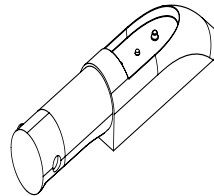
2 – Side arm pole (#QF10004, Box 1)



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



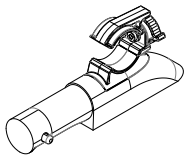
Clamp assembly (QF10041)



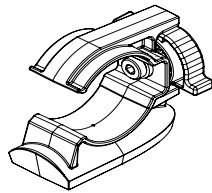
Pole end assembly right (#QF10042)



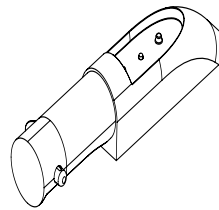
Screw that holds pole end assembly and clamp together from underneath (QM10945)



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



Clamp assembly (#QF10041)



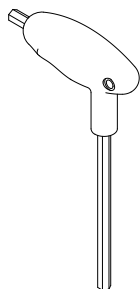
Pole end assembly left (#QF10043)



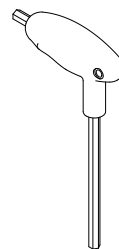
Screw that holds pole end assembly and clamp together from underneath (QM10945)



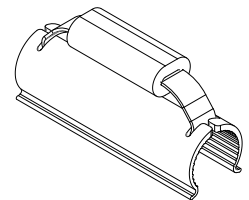
1 – 17/13 mm wrench, for leveling feet (#QF09318-114, Box 1)



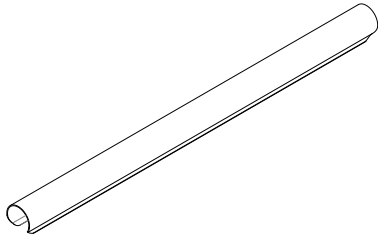
1 – 5 mm hex tool (QF09318-113, Box 1)



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



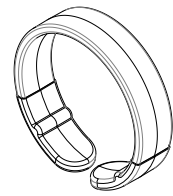
6 – Easy-Grasp Quilt Clamps (QF10013, Box 1)



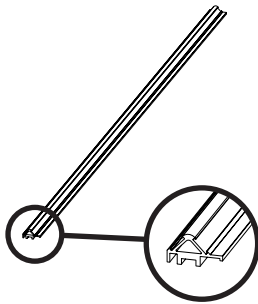
1 – Deluxe Quilt Clamp  
(QF10018, Box 1)



3 – 2-Inch Small Quilt  
Clamps  
(HG10000, Box 1)



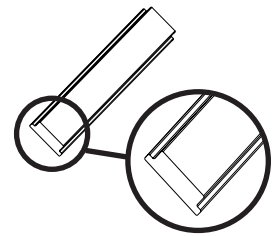
3 – 3-Inch Large Quilt  
Clamps  
(QM10014, Box 1)



2 - Track Support 5'  
(QF05300-02)



6 - Screws, track support  
to table top M6 x 12  
with large washer head  
(QF09318-303)



2 - 5' track insert  
(QF00001-05)

# Table and Leg Assembly

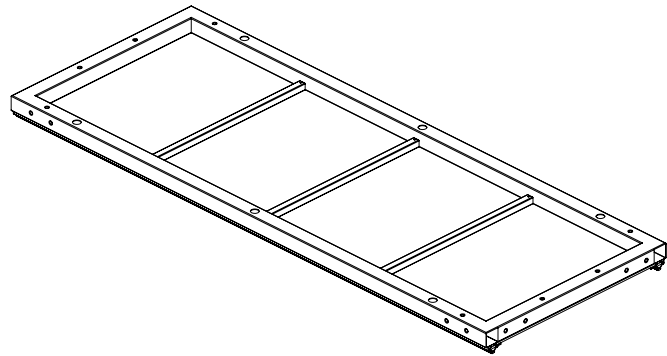
## Parts Needed

- 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

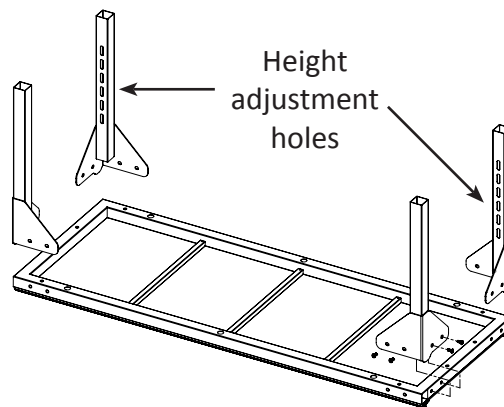
## Tools Required

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

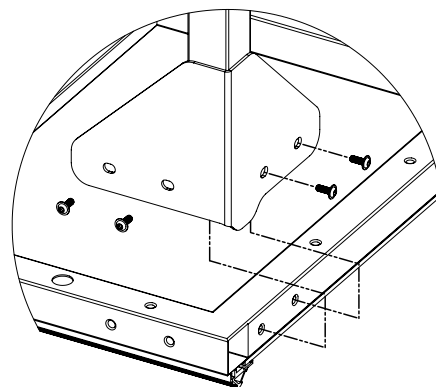
1. Place the table top section face down onto a protective surface.



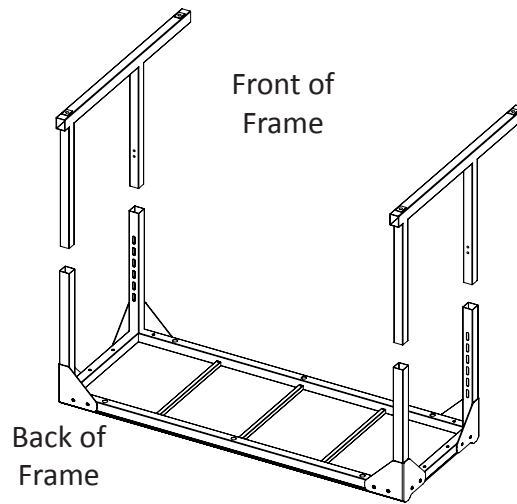
2. Attach the upper legs: Position the upper legs A and B so the height adjustment holes face each other across the short end of the table.



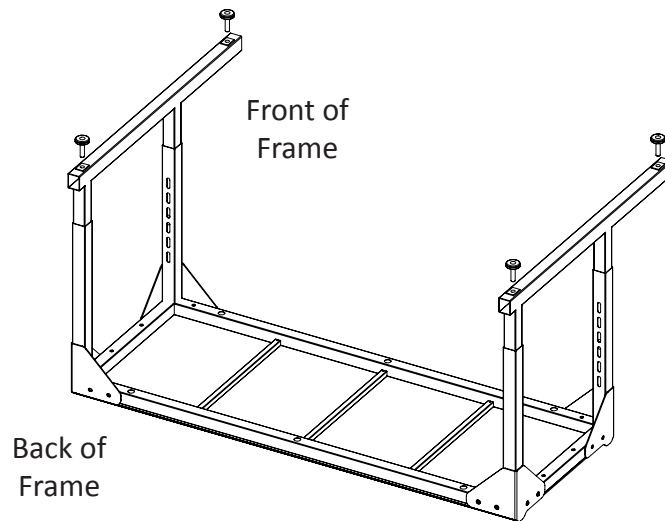
3. Attach each upper leg to the table with four (4) M8 x 20 mm socket button head cap screws (SBHCS) through the upper corner leg brackets into the holes on the sides of the table.



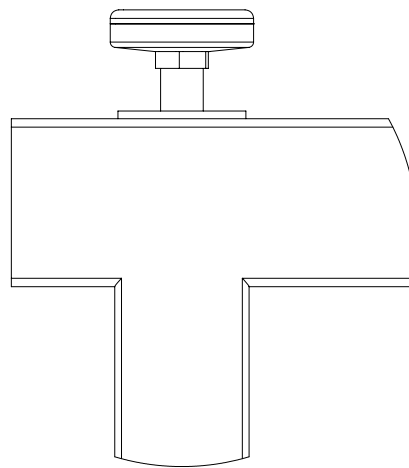
4. Tighten with the 5 mm hex tool. (Do not fully tighten the screws at this time as you will remove these screws to attach L-brackets later in the installation process.)
5. Insert the lower legs: Slide one lower leg onto the two upper corner legs on each end of the frame. The extended end of the lower 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.



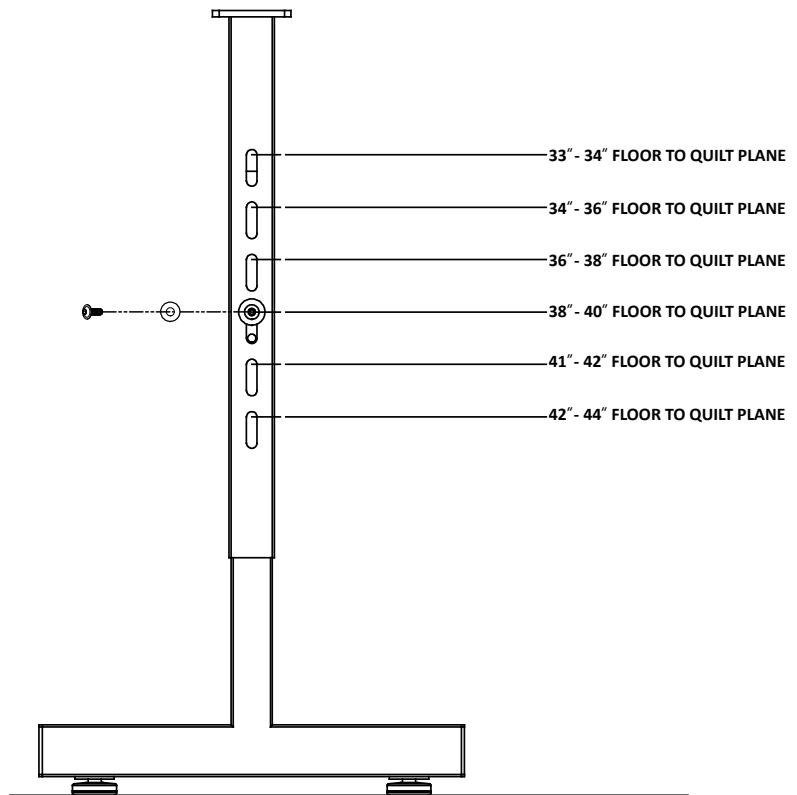
7. Use the 17/13 mm wrench to tighten the leveling foot, leaving about 1/2 inch of threads exposed to make it easier to level the frame later.



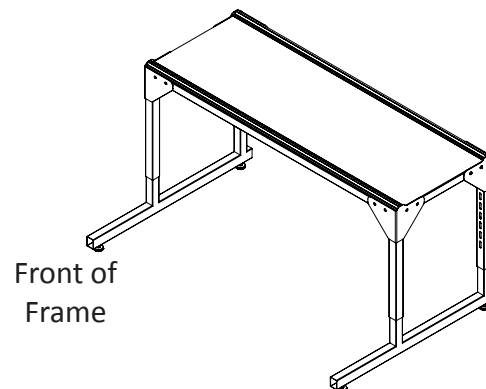
- Set the frame height: Decide on the preferred height of the frame. Use the image at the right to identify which height adjustment holes to use for securing the lower legs.

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.

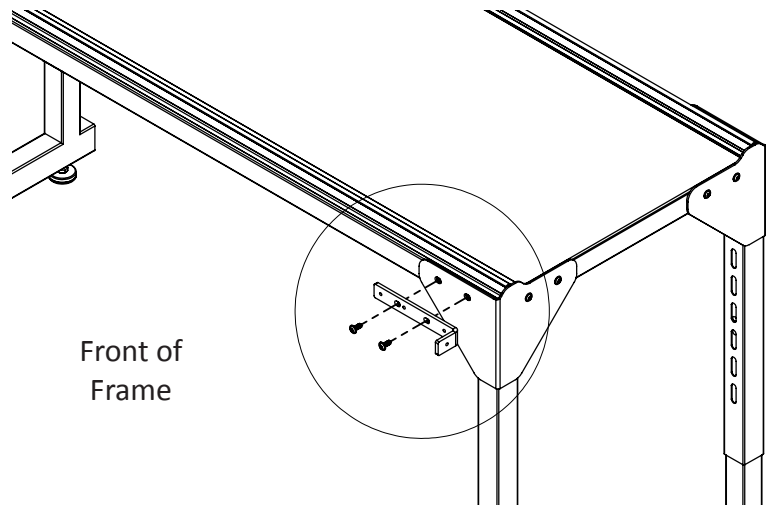
**NOTE:** Adjust the frame height so that when standing at the front of the machine with your hands on the front handle bars, your elbows are bent at a 90-degree angle.



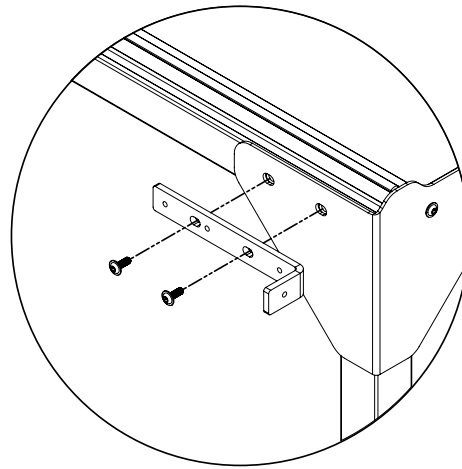
- Stand the frame upright: With the help of a second person, lift the frame into an upright position.



- 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.)



- 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

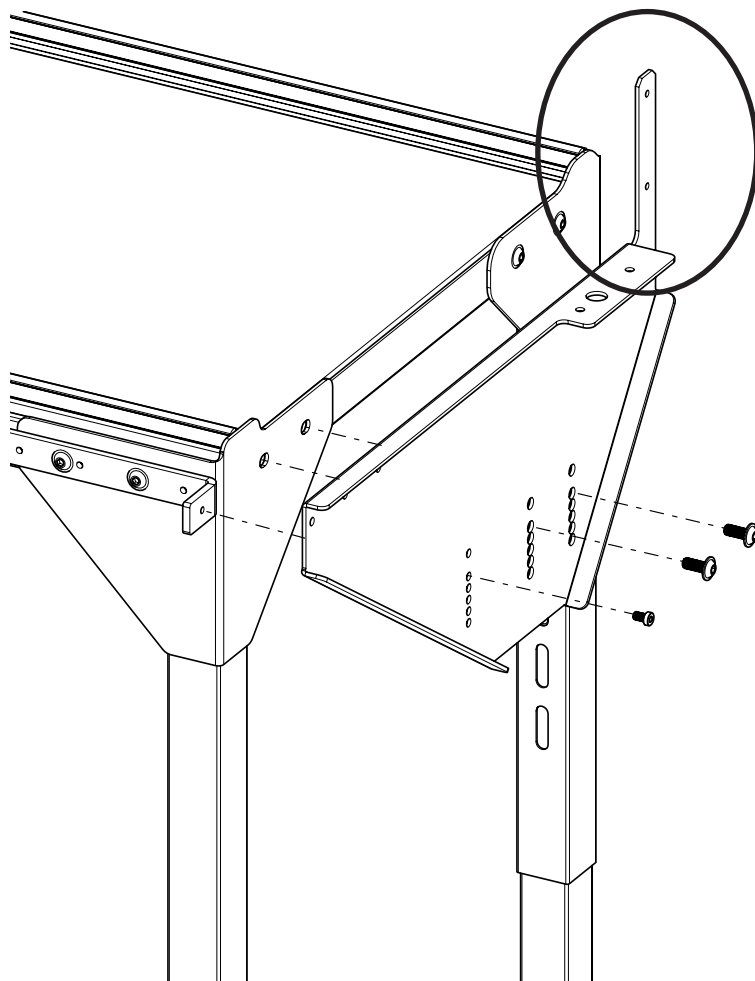
### Parts Needed


- 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 end-caps
- 1 – Rear pole
- 1 – Front pole

### Tools Required

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

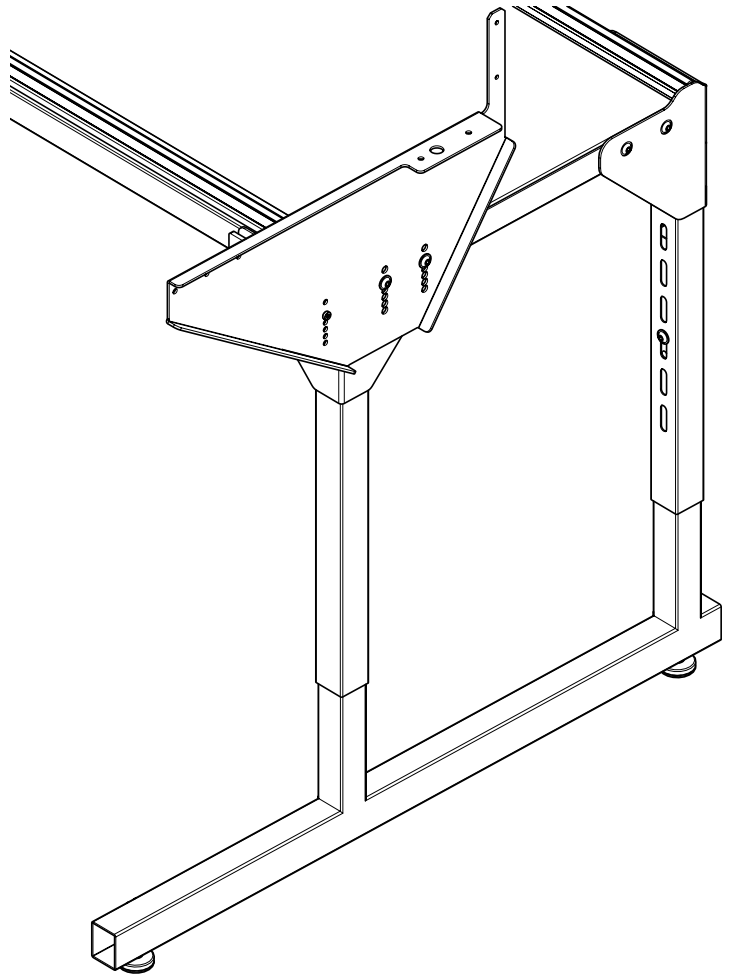
- Attach the right and left side arms: Use the 5 mm hex tool to remove the M8 x 20mm socket button head screws (2) from the sides of the left and right upper legs, one side at a time. Using the second set of holes down from the top. This is the second lowest setting for the side arms. First place a screw in the hole at the back of the frame, align with the back hole in the upper leg. Align and insert the other screw into the upper leg. Do not tighten these two screws at this point




 **NOTE:** Note the orientation of the side arms in the figure above. The vertical metal extension (circled) is positioned toward the back of the frame and the side arm flanges go to the outside. Use the second set of holes down from the top of the side arm bracket for both the 16" and 18" machines.



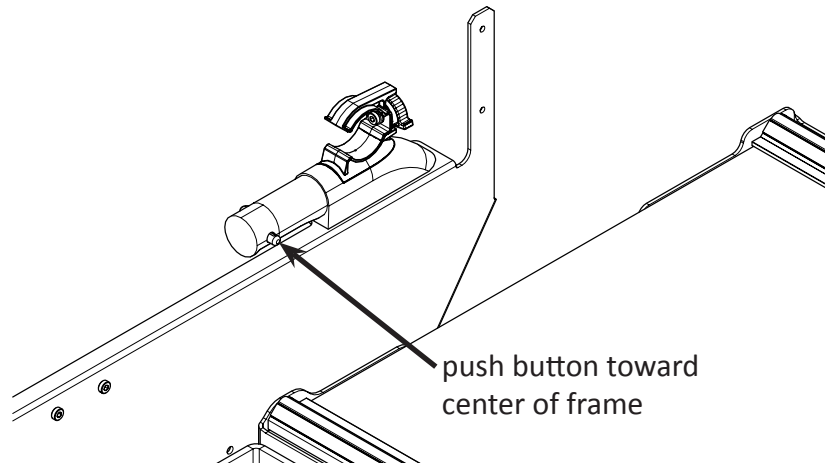
2. Use the 4 mm hex tool to screw one of the M6 x 10mm socket cap screws to secure the side arm to the L-bracket on table-top frame.
3. Tighten the two large screws with a 5mm hex tool and the small screw with a 4mm hex tool.



 **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 re-tighten the screws and secure the side arm to the L-bracket as described in step 2.

4. Repeat steps 1 and 2 for the other side arm.

5. 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. The push button goes toward the center of the frame.

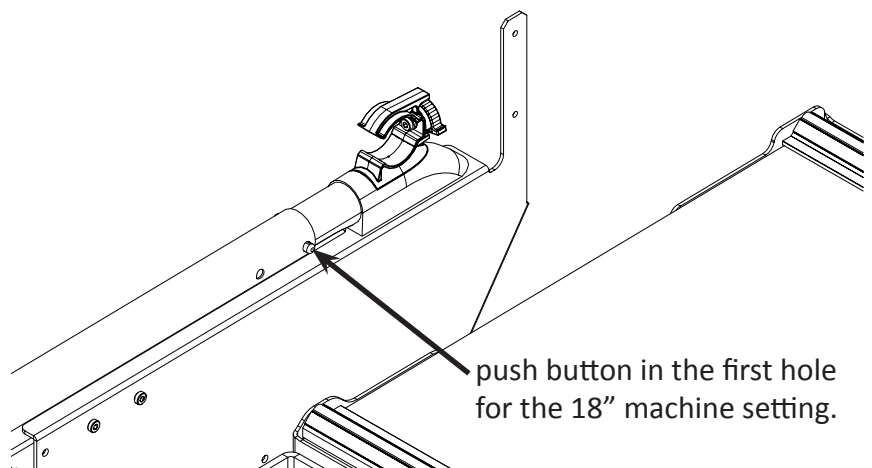


**NOTE:** Make sure you have identified the right and left side arm pole clamps. When properly installed, the silver push button on the side arm pole clamp will face the center of the frame.

6. Press in the push button on the side arm pole clamp and slide the side arm pole onto the clamp.

**18-inch machines:**

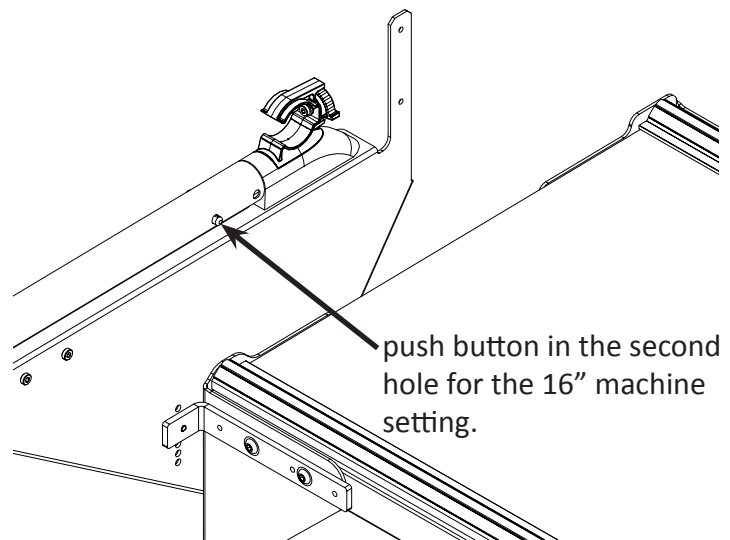
If you are setting up the Quilt Maker Pro 5' Quilting Frame for an 18-inch machine, slide on the side arm poles so that the button snaps into the first hole (see arrow).



**16-inch machines:**

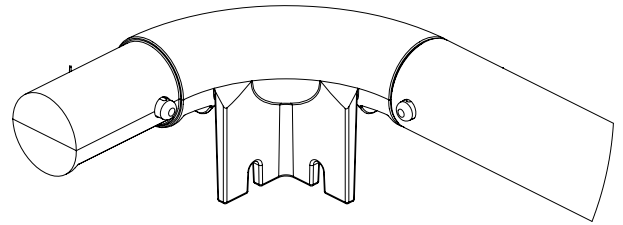
If you are setting up the Quilt Maker Pro 5' Quilting Frame for a 16-inch machine, make sure the button snaps into the second hole (see arrow).

Repeat with the other side of the frame.

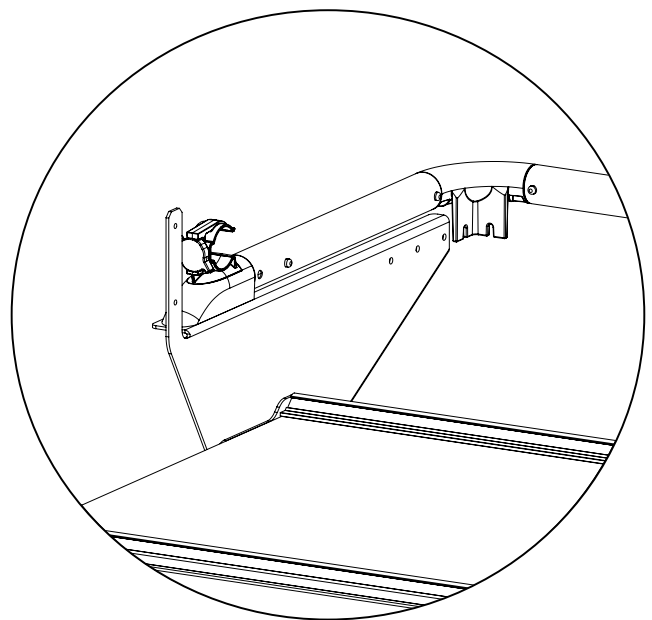


Set up for a 16-inch machine

7. 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.



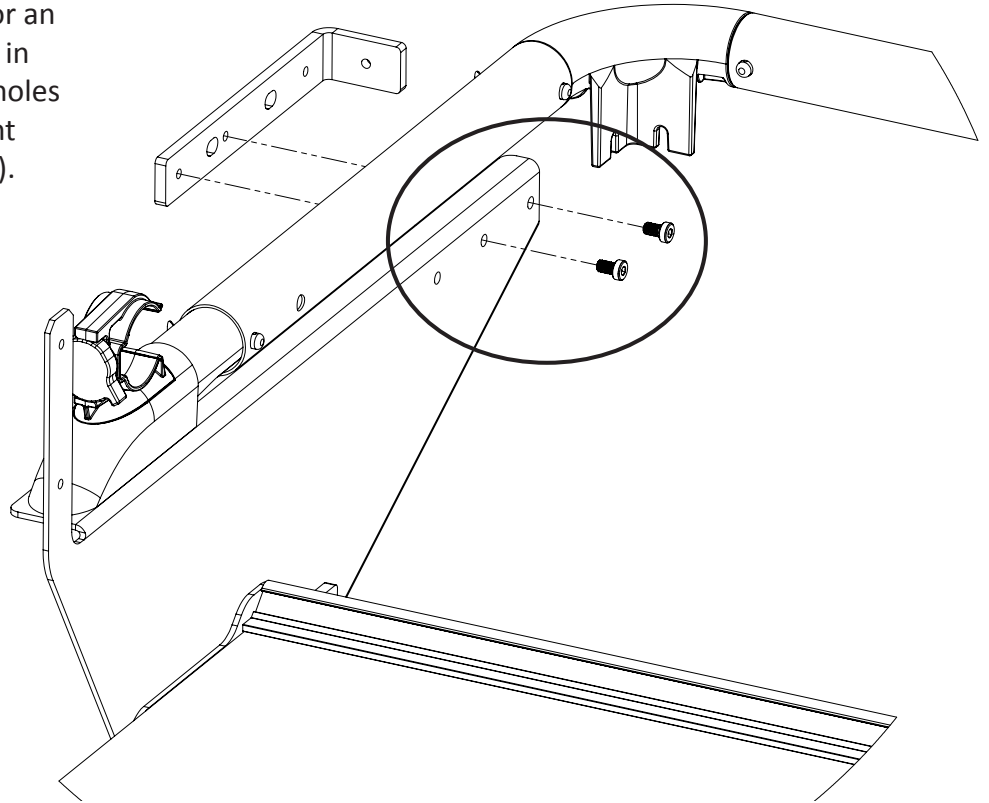
8. Attach the front pole assembly to the frame: Press in the button on the left side of the front pole assembly and insert the pole into the side arm poles until the button snaps in place. Repeat with the right side of the front pole assembly and the right side of the frame.



9. 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:**

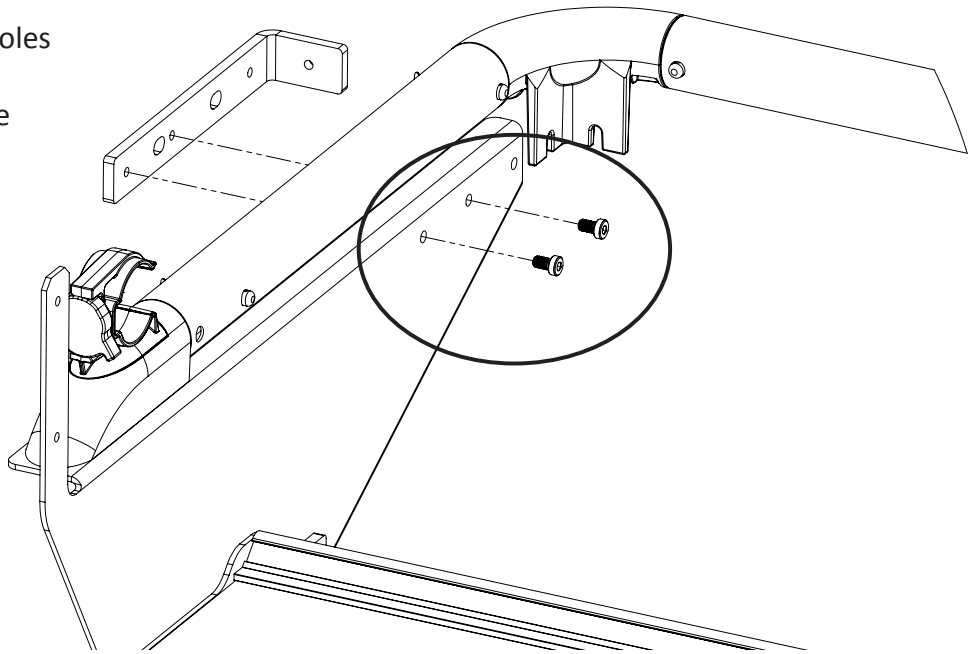
If you are setting up the frame for an 18-inch machine, align the holes in the L-bracket with the side arm holes as shown in the figure at the right (front two holes on the side arm).



Set up for an 18-inch machine.

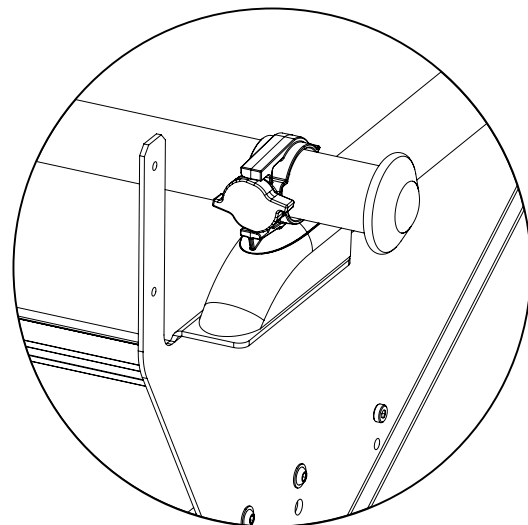
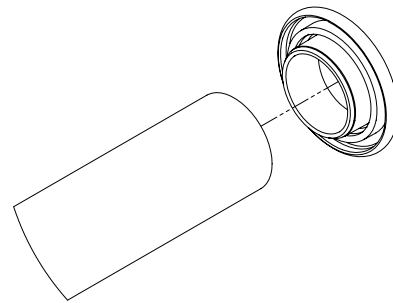
**Set up for 16-inch machine:**


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

10. Assemble and attach the rear pole:  
Insert a rear pole end-cap 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.



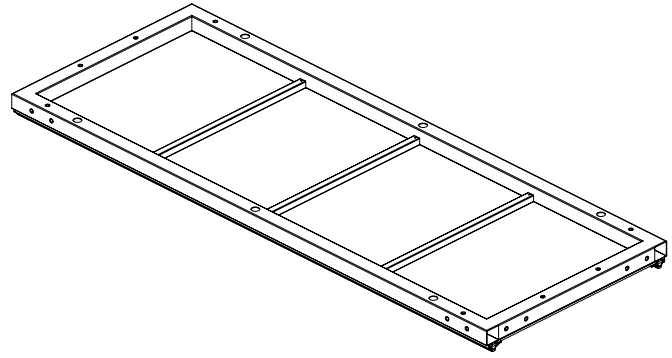
 **NOTE:** When you put the carriage and quilting machine onto the frame, you will need to remove the rear pole temporarily and then replace the pole, placing it through the throat space of the machine.

## Aligning Track Supports


1. Check each track support screw to see that it is slightly loosened so the tracks can move freely front to back on the table top.

**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 each track support: one at the left, one in the center, and one at the right.

2. Place the machine carriage on the tracks with the encoder toward the back of the frame.
3. Place the machine on the carriage. The weight of the machine on the carriage will aid in aligning the two track supports, the proper distance apart from each other.
4. Slide the carriage with machine on the tracks from side to side to fine tune the track position.
5. Push the machine, carriage and tracks until the back track is aligned straight across, near the back edge of the frame top.
6. Tighten the three back track screw firmly. To fully fasten the tracks to the table top, use the 4 mm hex tool to tighten the installed M6 x 10 mm socket cap screws.
7. Starting at one end of the frame, and with the carriage and machine over each front screw, tighten the front retaining screw fully with the 4mm hex tool.



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 two tracks are too far from each other or too close to each other, the machine will rock when the weight of the machine is all the way forward or all the way back. The machine wheels must be seated onto both tracks properly to prevent this. Start with all of the track screws loose. Place the machine and carriage over the screw being tightened to help keep the tracks the correct distance apart.

## **Leveling 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.

## **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.