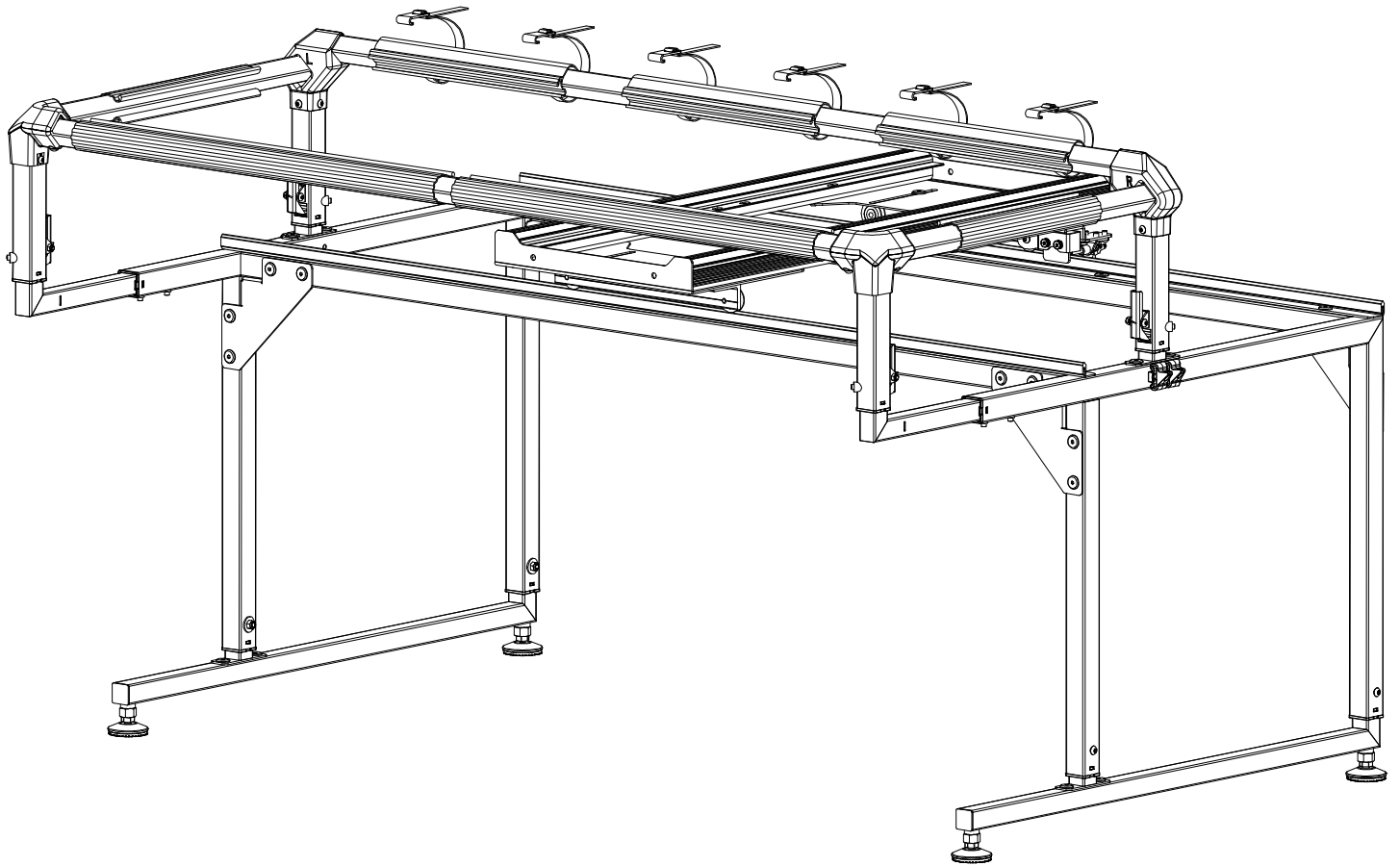


# Q-Zone Hoop-Frame

## Assembly Instructions



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Version 1.8

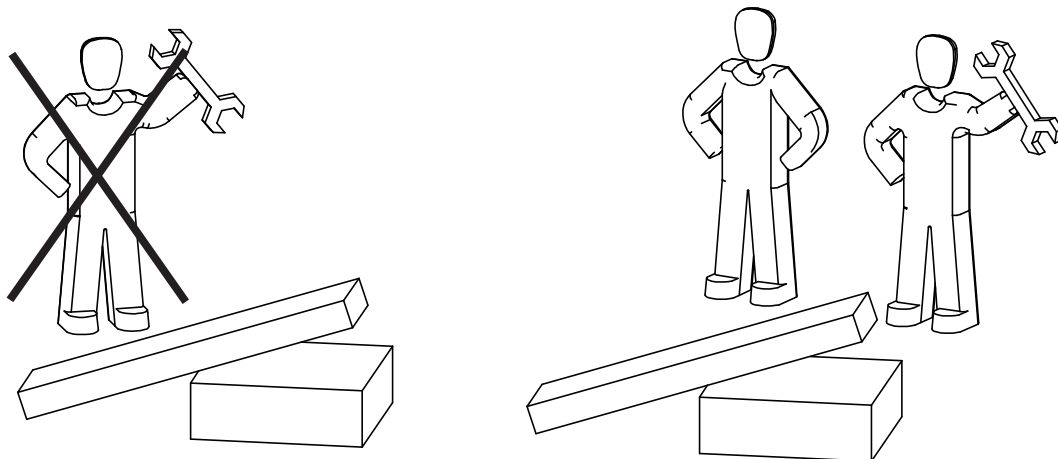
# Table of Contents

<b>Table of Contents</b> .....	i
<b>Warranty</b> .....	ii
<b>Parts List</b>	
Box 1 .....	iii
Box 2 .....	iv
<b>Assembly Instructions</b>	
Step 1: Right Leg Setup.....	1
Step 2: Left Leg Setup.....	3
Step 3: Frame Cross Support Installation .....	5
Step 4: Front Long Rail Installation.....	6
<b>Carriage Installation</b>	
Step 5: Carriage Assembly .....	7
Step 6: Carriage Installation.....	8
<b>Machine Installation</b>	
Step 7: Sewing Machine Installation .....	9
Step 8: Machine Installation.....	10
<b>Assembly</b>	
Step 9: Long Back Rail Installation.....	11
<b>Setup</b>	
Step 10: Basic Setup .....	12
<b>Fabric Setup</b>	
Fabric Setup.....	14
Step 11: Making Leader Cloths.....	15
Step 12: Fabric Installation .....	16
<b>Care and Use</b> .....	18

## Warranty

# Warranty Information for your Q-Zone Hoop-Frame Quilting Frame

The Q-Zone Hoop-Frame Quilting Frame has a One-Year limited warranty on all parts. The Grace Company will repair or replace, at its discretion, any part with problems due to our manufacturing or defects in materials. This warranty does not cover parts damaged through misuse, improper storage, improper assembly, loss, natural events, and willful destruction. Parts must be returned to the Grace Company, shipping prepaid, before we can repair or replace them. We will promptly return the repaired/replaced part at our expense if done within a year of the purchase date.



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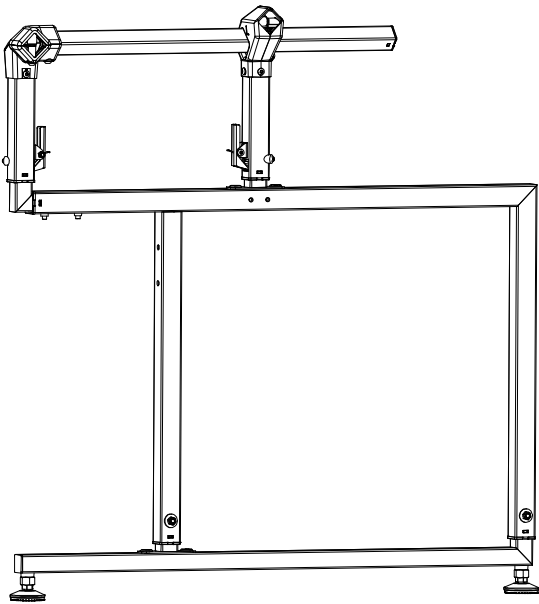


1-800-264-0644

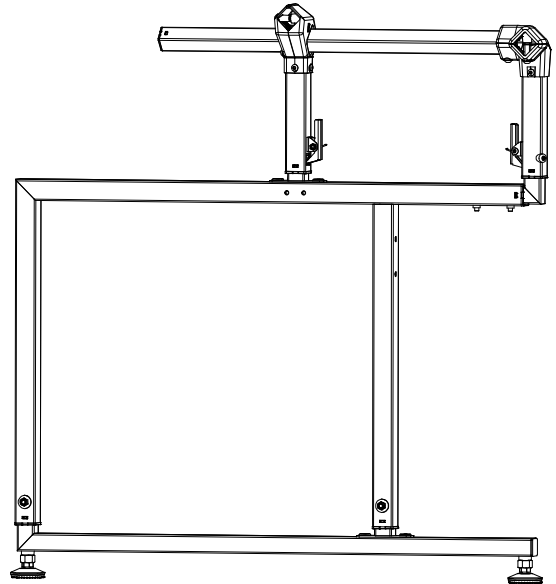
The *Grace*  
*Company*  
Fine Quilting Frames

# Parts List | Q-Zone Hoop-Frame

## Part List Box 1



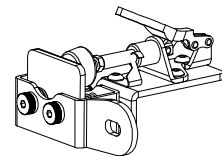
Left Leg Assembly (1)



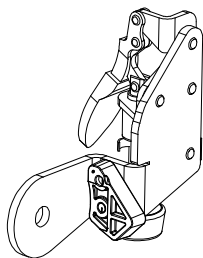
Right Leg Assembly (1)



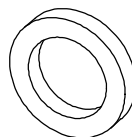
Carriage (1)



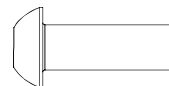
Carriage Channel Lock  
(1)



Sewing Machine  
Channel Lock (1)



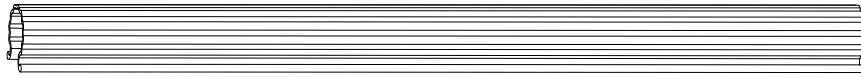
Channel Lock Washer  
(1)



M6 x 20mm SBHCS  
(1)

# Parts List | Q-Zone Hoop-Frame

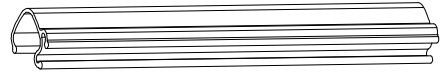
## Box 1 - Continued



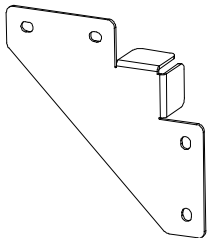
Front Fabric Clip (2)



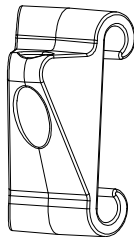
Side Fabric Clip (2)



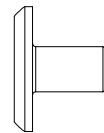
Fabric Clip (3)



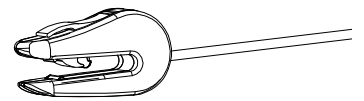
Corner Brace (4)



Bungee Mount (4)



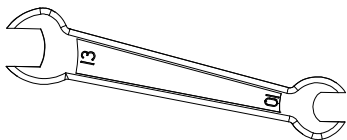
M6 x 10mm Connector Bolt (16)



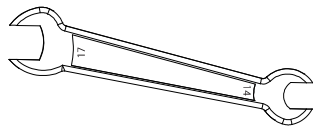
Bungee Clamp Assembly (4)



Bungee Stop (4)



10mm & 13mm Box End Wrench (1)



14mm & 17mm Box End Wrench (1)



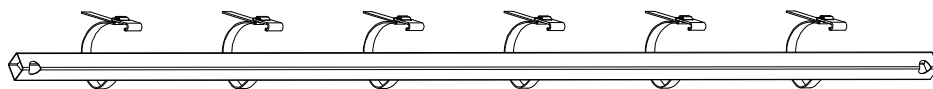
3mm Allen Wrench (1)



4mm Allen Wrench (1)

---

## Box 2



Back Long Rail (1)



Front Long Rail (1)

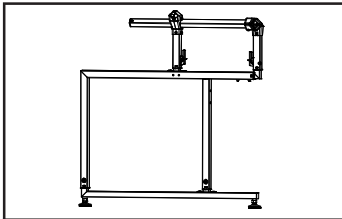


Table Support Assembly (2)

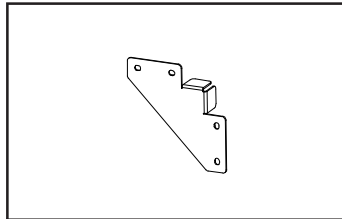
# Assembly | Q-Zone Hoop-Frame

## Step 1 – Right Leg Setup

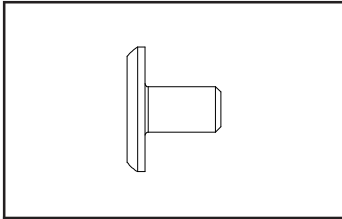
Parts Needed:



**Right Leg Assembly (1)**



**Corner Brace (2)**



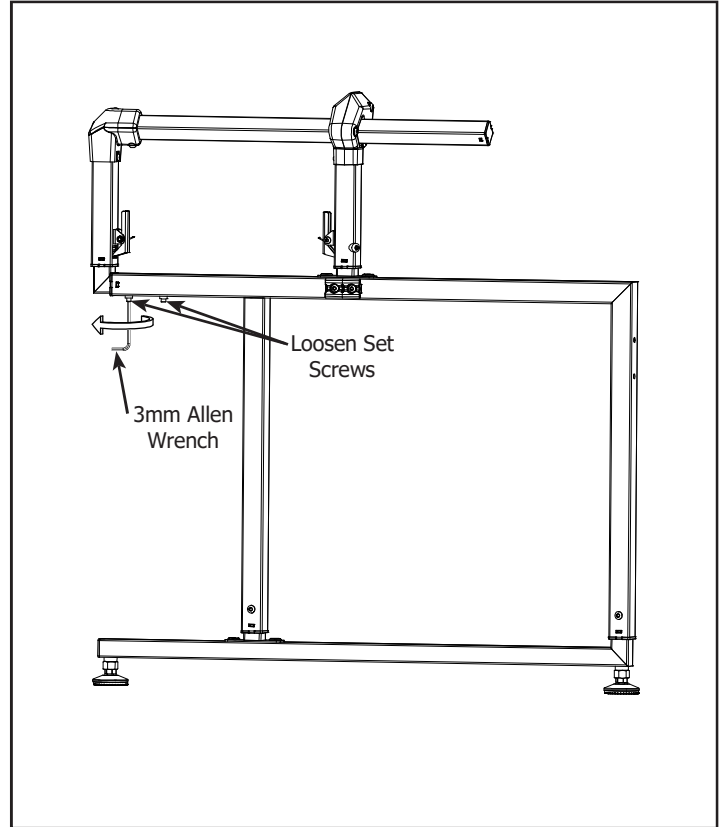
**M6 x 10mm Connector Bolt (4)**

### Tools Needed:

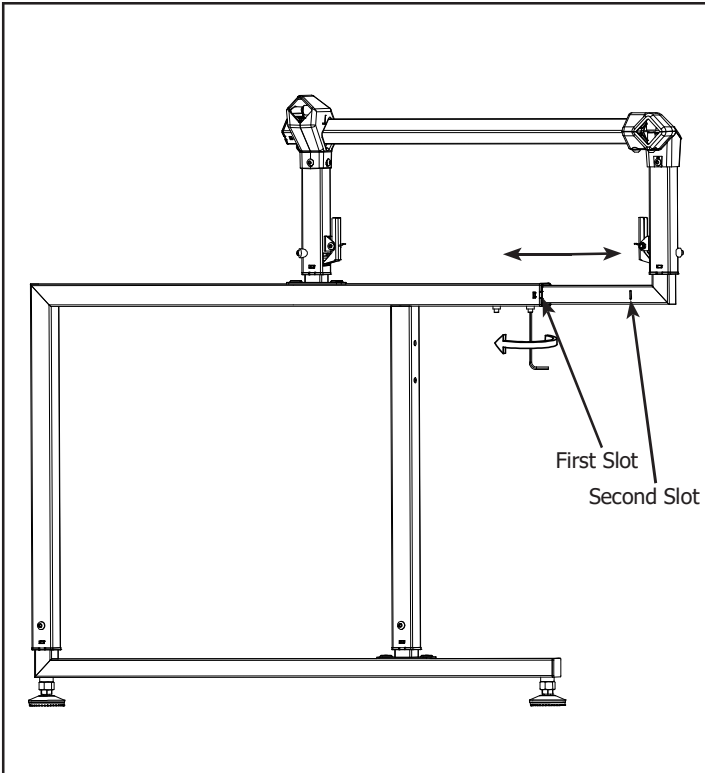
3mm Allen Wrench

4mm Allen Wrench

10mm & 13mm Box End Wrench

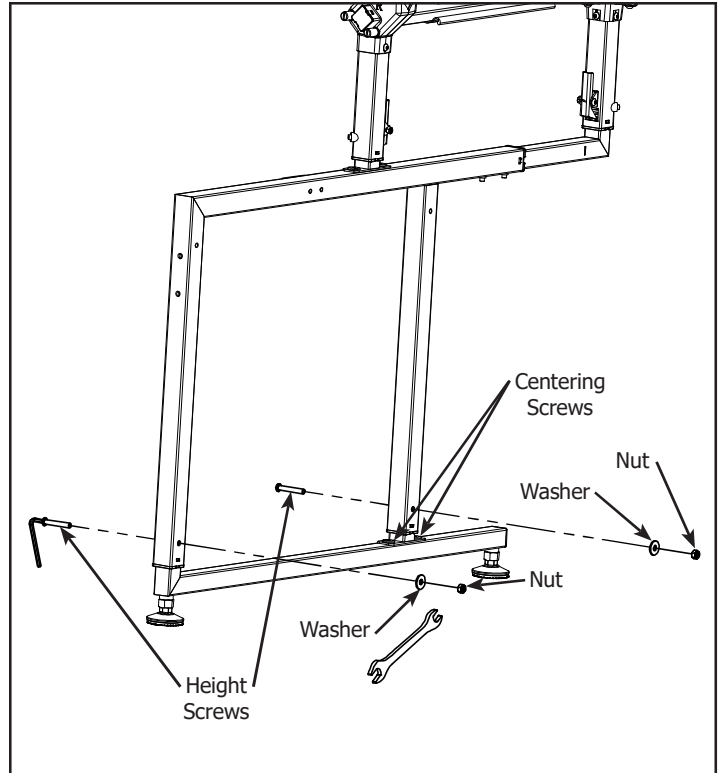


1-1 Loosen the (2) M6 x 10 Set Screws.



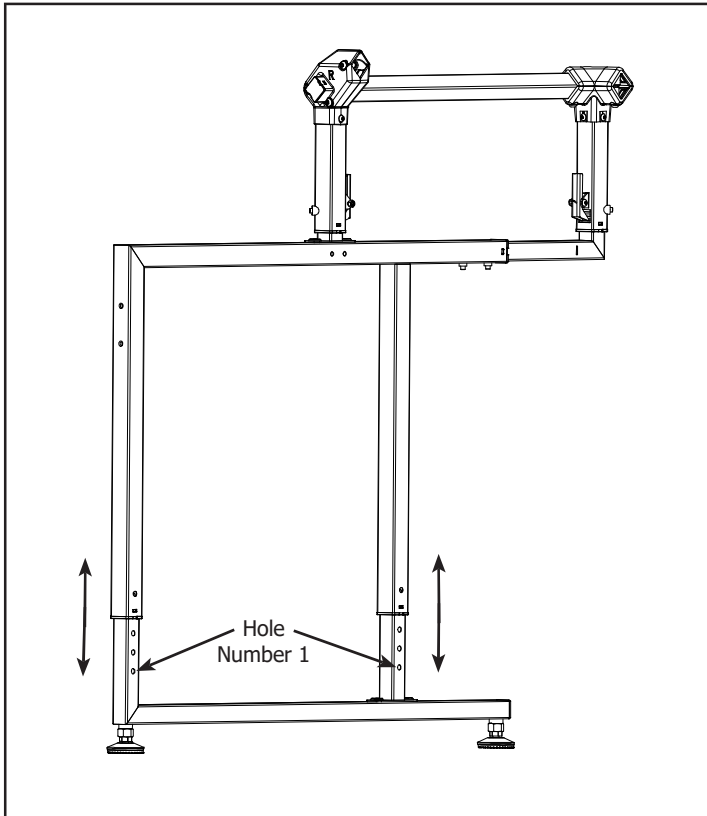
1-2 Extend to the first slot for machines with throat less than 16".

Extend to the second slot for machines with throat greater than 16".



1-3 Remove height screws and loosen centering screws.

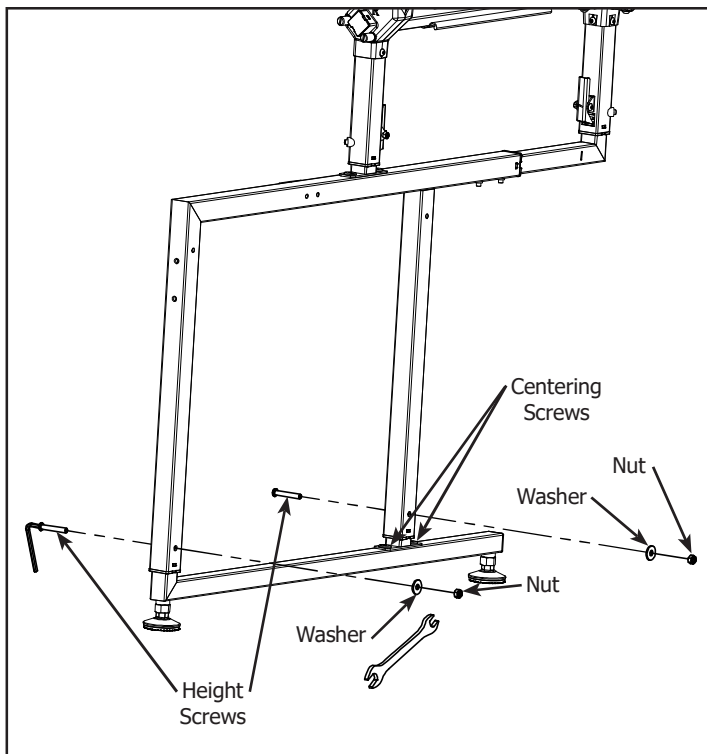
# Assembly | Q-Zone Hoop-Frame



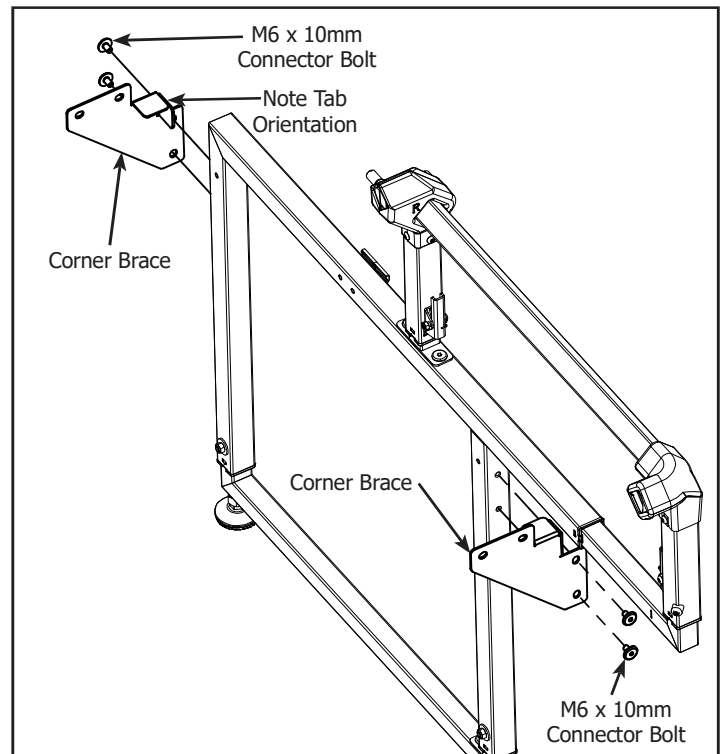
1-4 Adjust table height by sliding legs up or down using the chart to the right for your desired height.

Hole Number	Floor to Top of Fabric
1	31 Inches
2	32 Inches
3	33 Inches
4	34 Inches
5	35 Inches
6	36 Inches
7	37 Inches
8	38 Inches
9	39 Inches
10	40 Inches

**Note:** Height will vary slightly after adjusting Leveling Feet in Step 10-1.



1-5 Replace each height screw and tighten each centering screw.



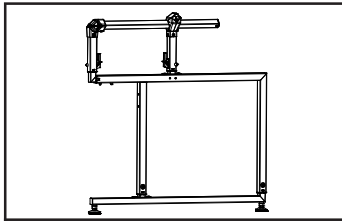
1-6 Install (2) Corner Braces with the tabs toward the inside of the leg using (4) M6 x 10mm Connector Bolts.

**Note:** Leave M6 x 10mm Connector Bolts loose so that you may align the adjoining parts.

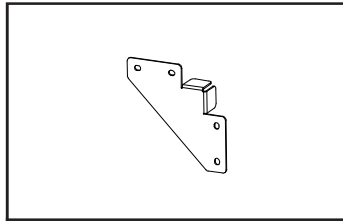
# Assembly | Q-Zone Hoop-Frame

## Step 2 – Left Leg Setup

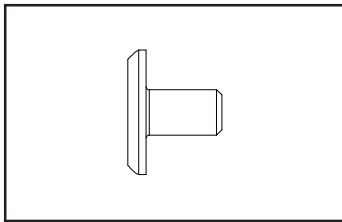
Parts Needed:



**Left Leg Assembly (1)**



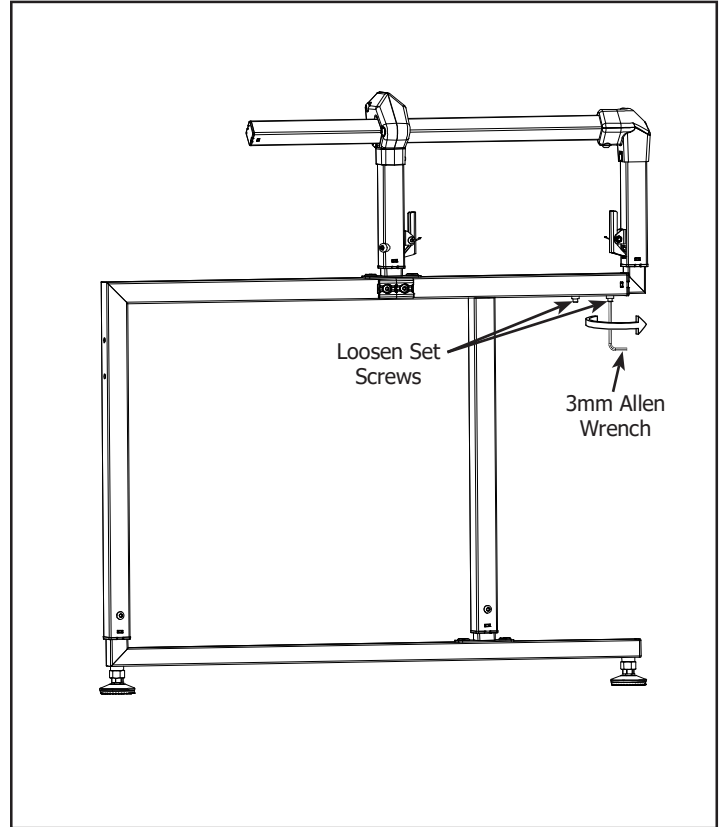
**Corner Brace (2)**



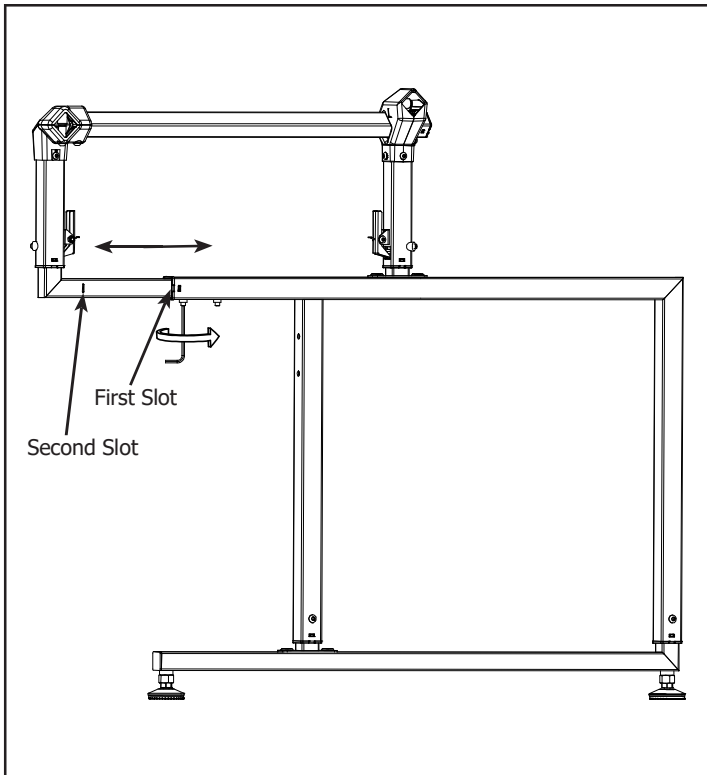
**M6 x 10mm Connector Bolt (4)**

### Tools Needed:

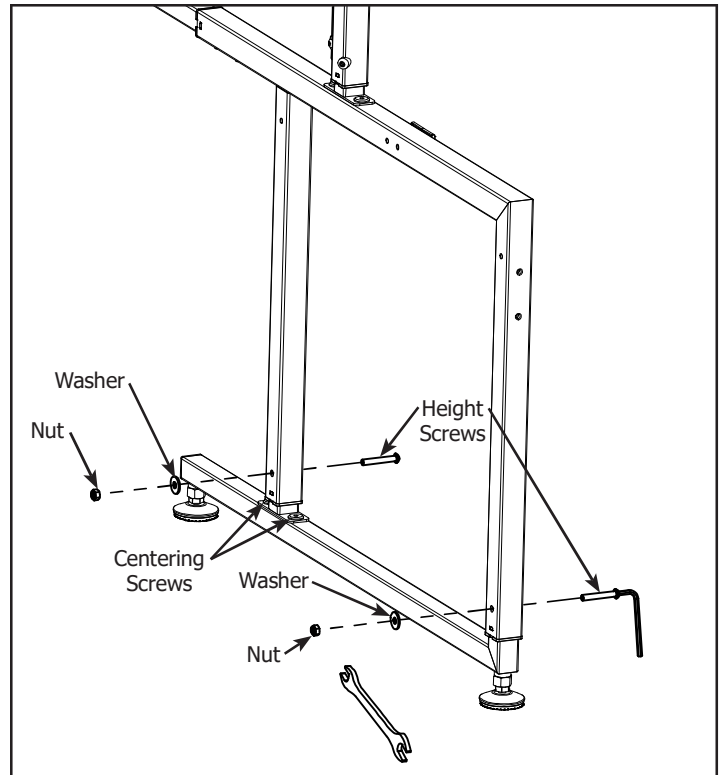
- 3mm Allen Wrench
- 4mm Allen Wrench
- 10mm & 13mm Box End Wrench



2-1 Loosen the (2) M6 x 10 Set Screws.



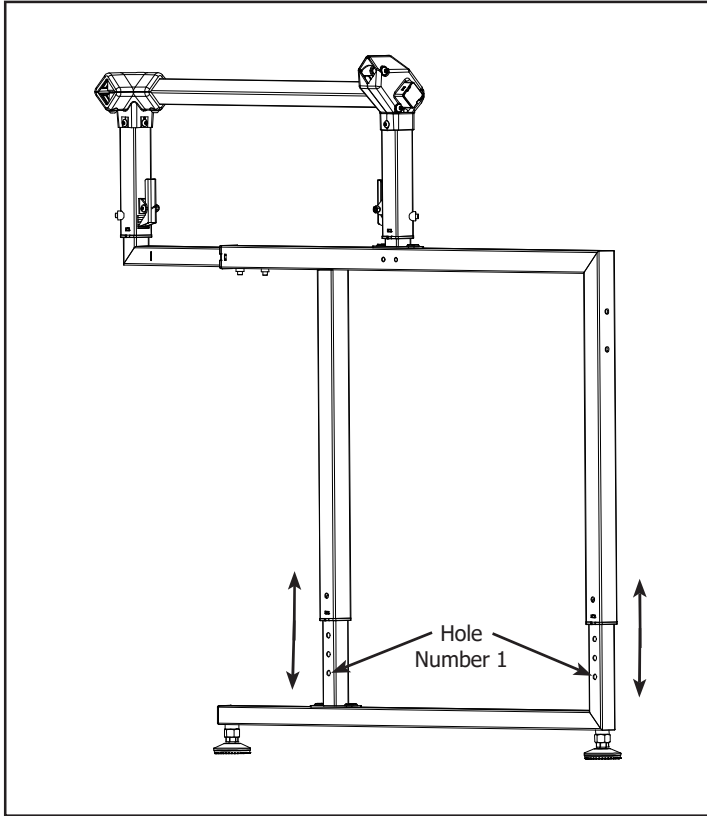
2-2 Extend to the first slot for machines with throat less than 16".  
Extend to the second slot for machines with throat greater than 16".



2-3 Remove height screws and loosen centering screws.



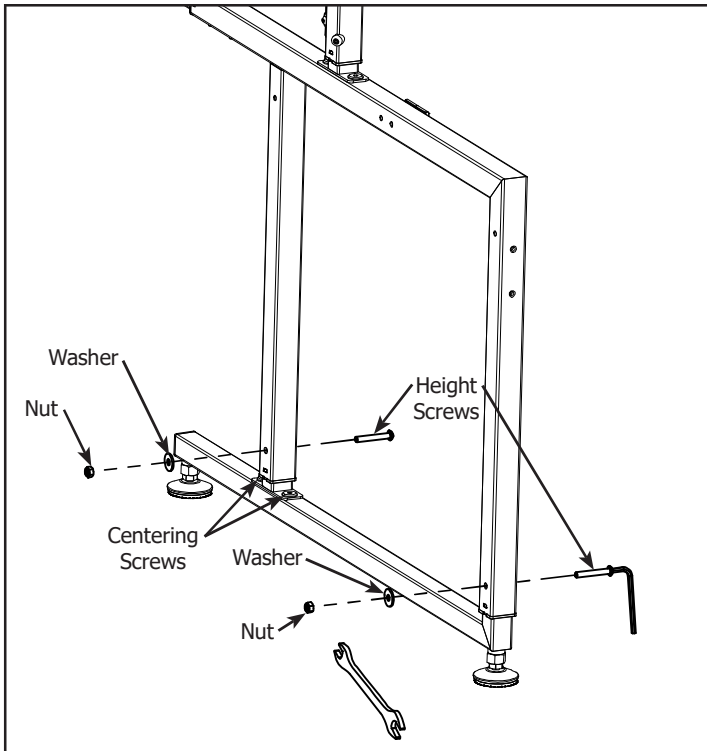
# Assembly | Q-Zone Hoop-Frame



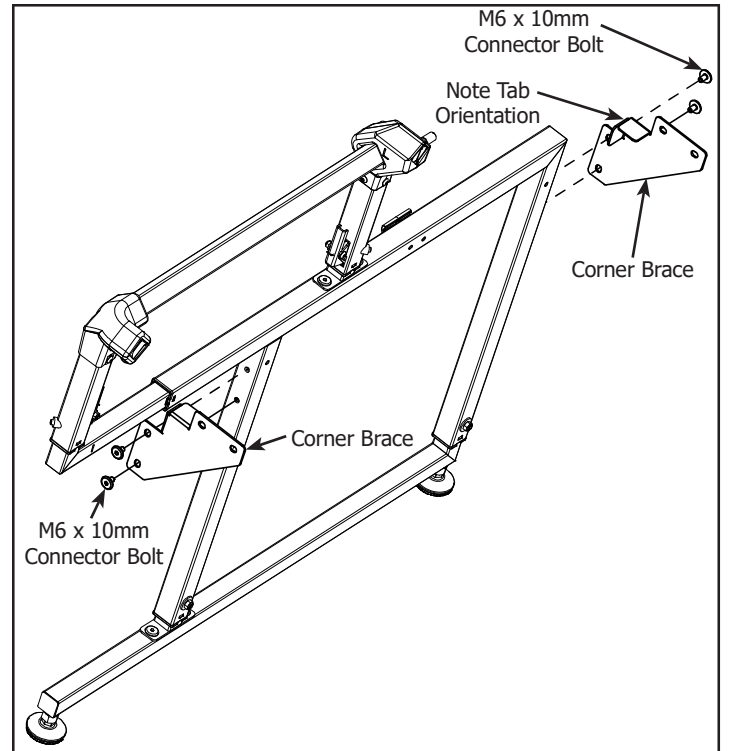
2-4 Adjust table height by sliding legs up or down using the chart to the right for your desired height.

Hole Number	Floor to Top of Fabric
1	31 Inches
2	32 Inches
3	33 Inches
4	34 Inches
5	35 Inches
6	36 Inches
7	37 Inches
8	38 Inches
9	39 Inches
10	40 Inches

**Note:** Height will vary slightly after adjusting Leveling Feet in Step 10-1.



2-5 Replace each height screw and tighten each centering screw.



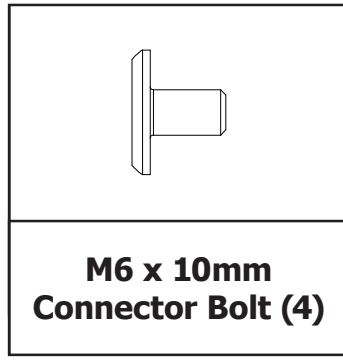
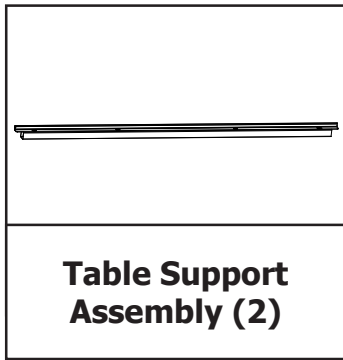
2-6 Install (2) Corner Braces with the tabs toward the inside of the leg using (4) M6 x 10mm Connector Bolts.

**Note:** Leave M6 x 10mm Connector Bolts loose so that you may align the adjoining parts.

# Assembly | Q-Zone Hoop-Frame

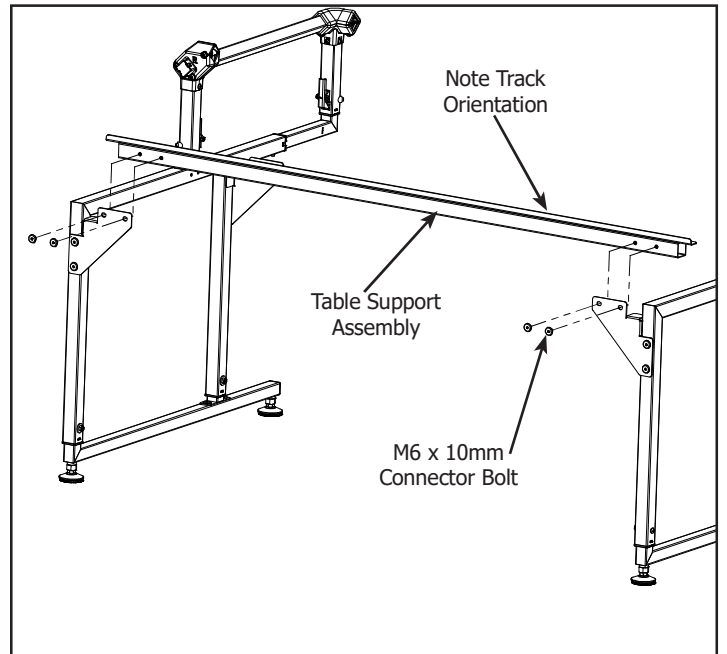
## Step 3 – Frame Cross Support Installation

Parts Needed:



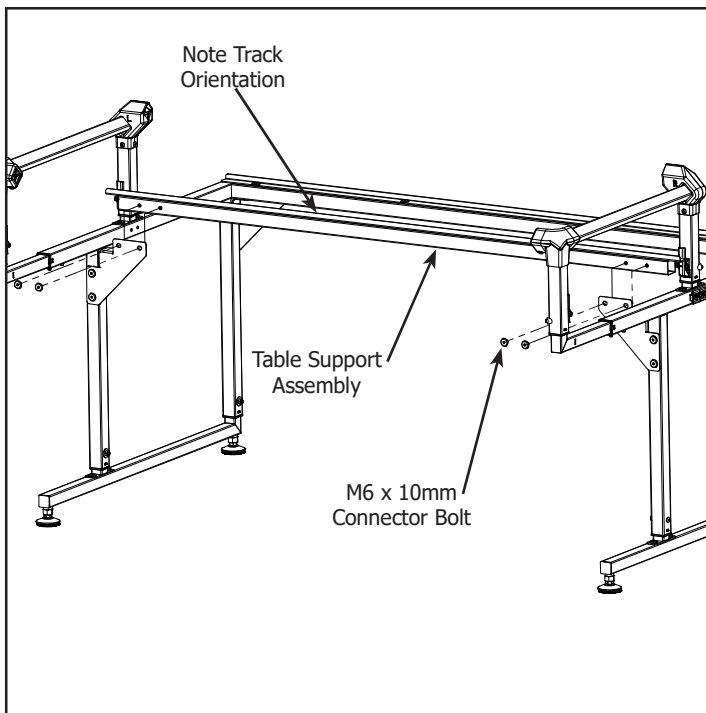
**Tools Needed:**

4mm Allen Wrench



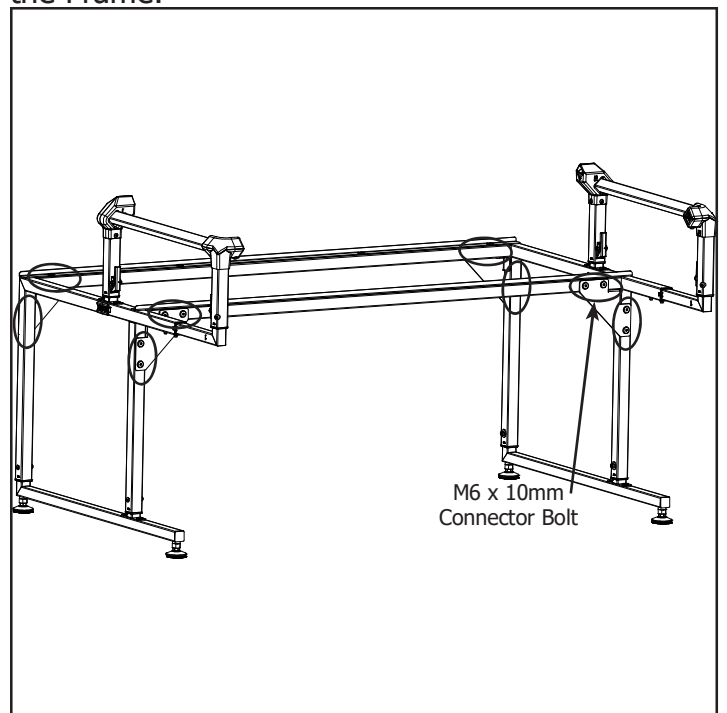
3-1 Install a Table Support Assembly to the Right and Left Legs using (4) M6 x 10mm Connector Bolts.

**Note:** Leave Bolts loose so that you may align the adjoining parts. Track should be to the outside of the Frame.



3-2 Install the second Table Support Assembly to the Right and Left Legs using (4) M6 x 10mm Connector Bolts.

**Note:** Leave Bolts loose so that you may align the adjoining parts. Track should be to the outside of the Frame.

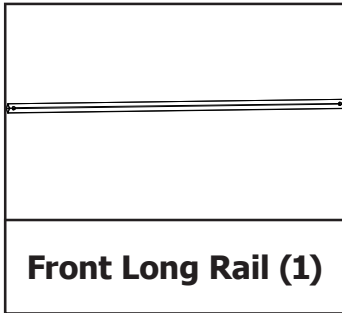


3-3 Press the Right and Left Legs tight against the Table Support Assemblies and tighten the (16) M6 x 10mm Connector Bolts.

# Assembly | Q-Zone Hoop-Frame

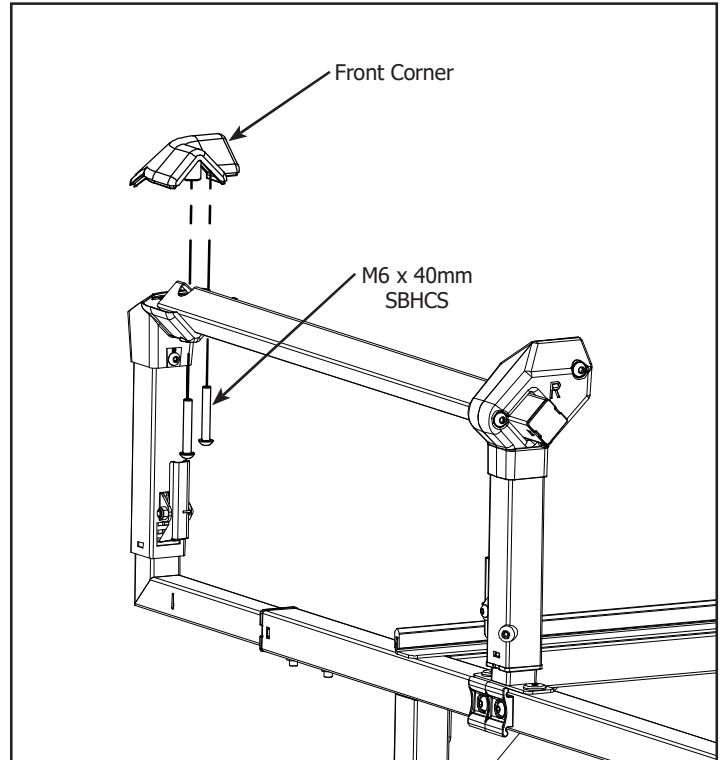
## Step 4 - Front Long Rail Installation

Parts Needed:

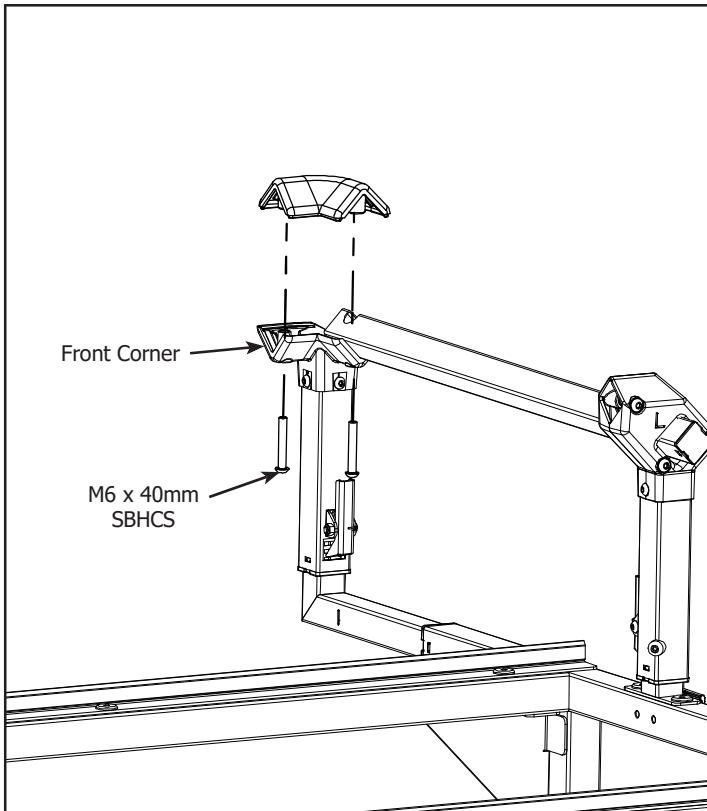


Tools Needed:

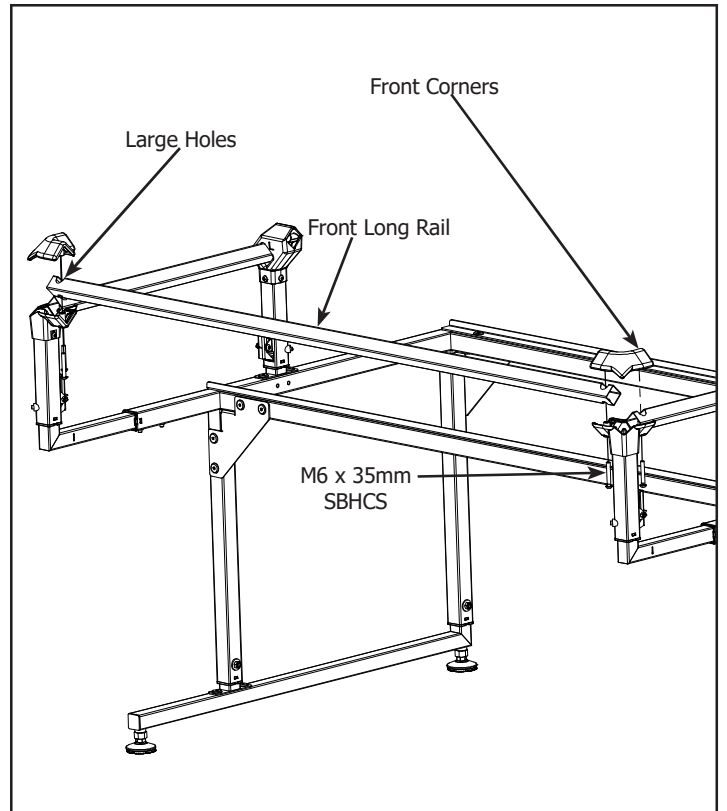
4mm Allen Wrench



4-1 Remove the (2) M6 x 40mm SBHCS from the Right Front Corner.



4-2 Remove the (2) M6 x 40mm SBHCS from the Left Front Corner.



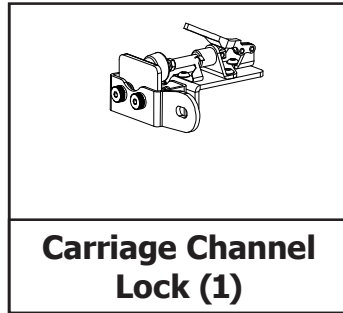
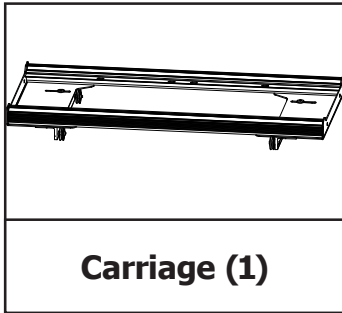
4-3 Install the Front Long Rail with the larger holes up. Reinstall the Front Corners using the (4) M6 x 35mm SBHCS removed in previous steps.

# Carriage Installation

# Q-Zone Hoop-Frame

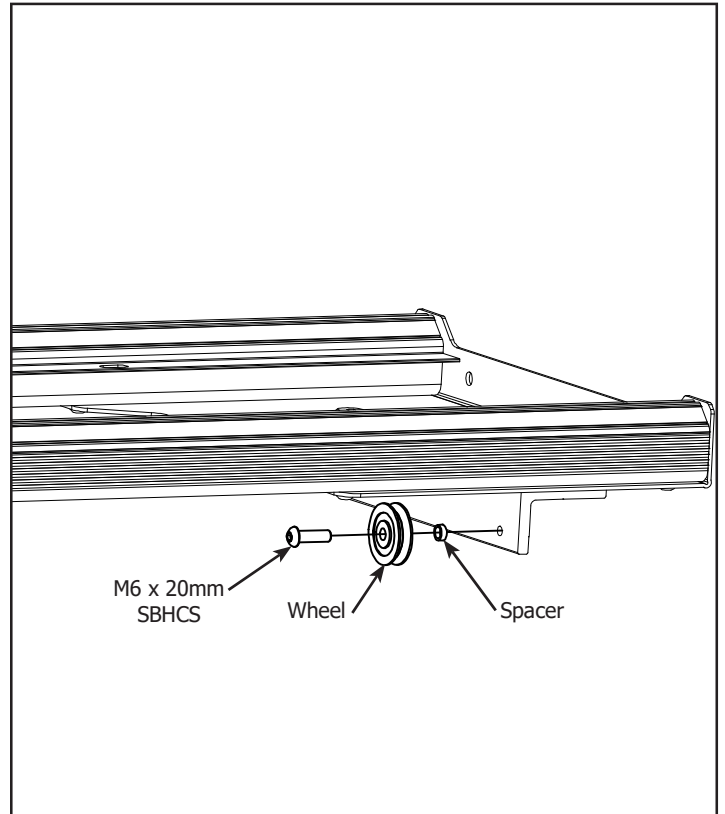
## Step 5 - Carriage Assembly

Parts Needed:

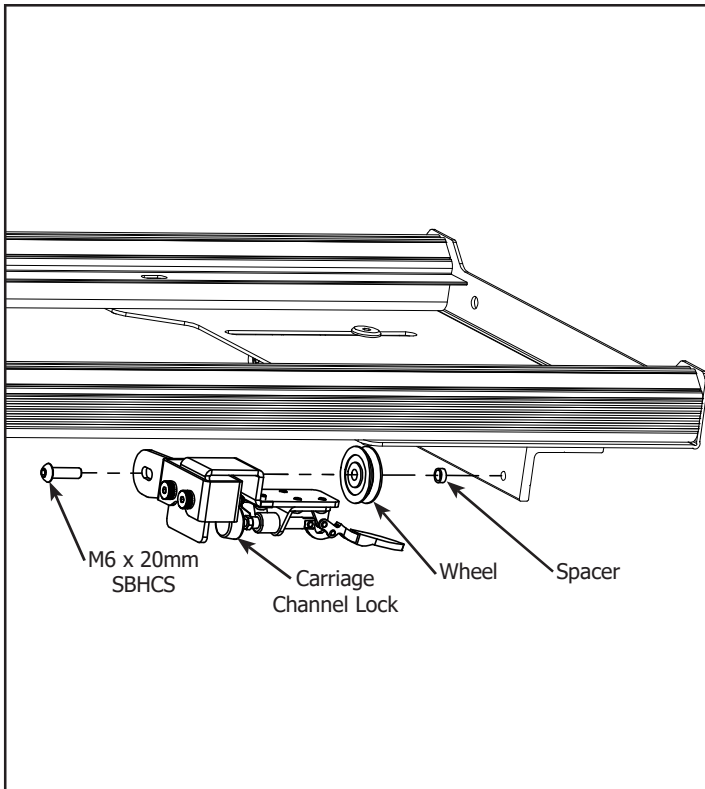


## Tools Needed:

4mm Allen Wrench

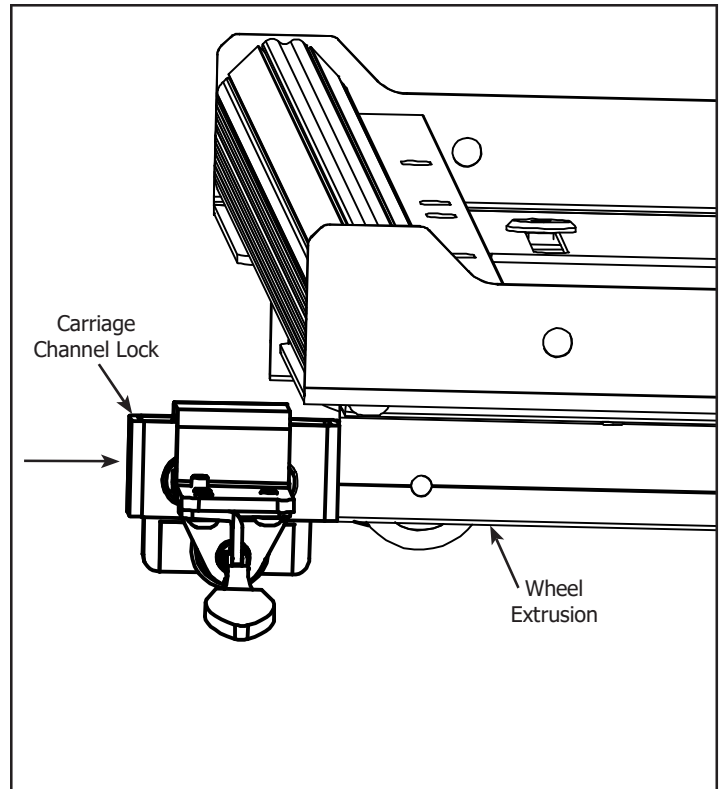


5-1 Remove the right rear M6 x 20mm SBHCS Wheel and Spacer from the Carriage.



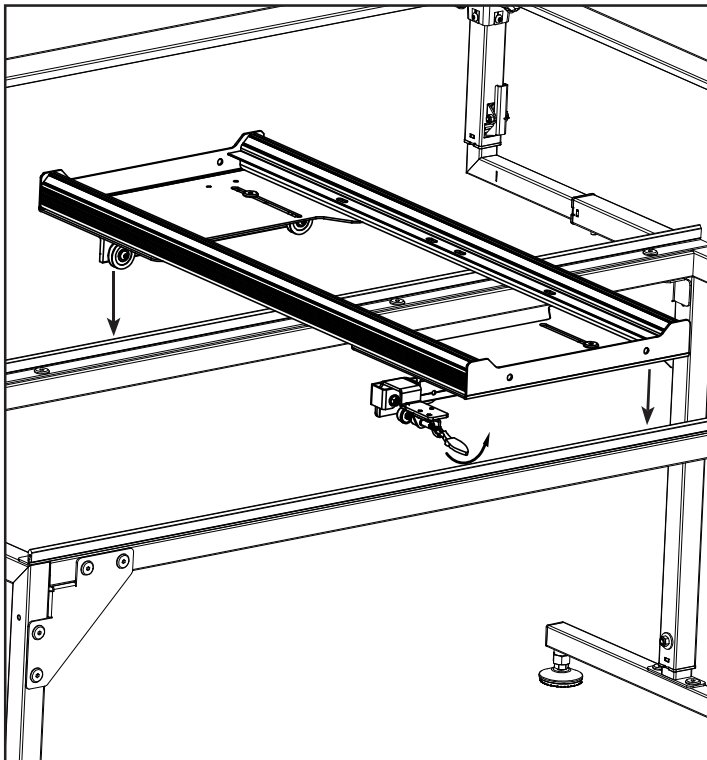
5-2 Install the Carriage Channel Lock, as shown, making sure the spacer is between the Wheel and the Wheel Extrusion.

**Note:** Leave M6 x 20mm SBHCS loose.

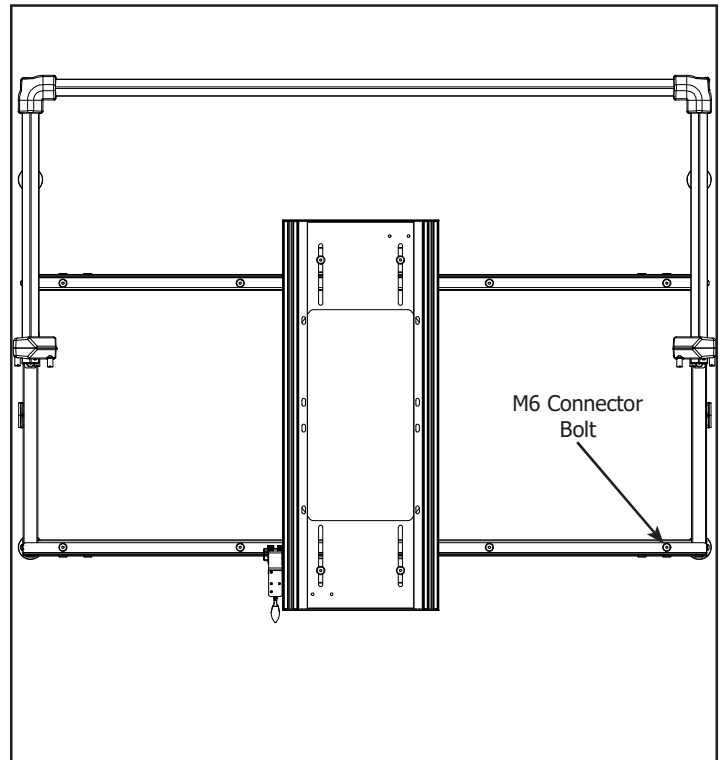


5-3 Slide the Carriage Channel Lock against the Wheel Extrusion and tighten the M6 x 20mm SBHCS from step 5-2. See page 13 for Channel Lock adjustments.

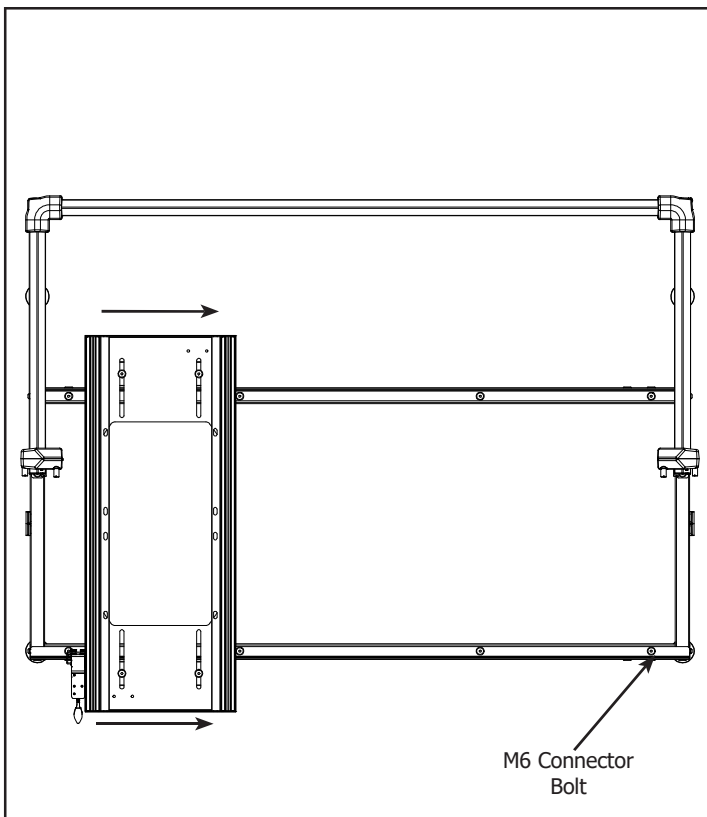
## Step 6 - Carriage Installation



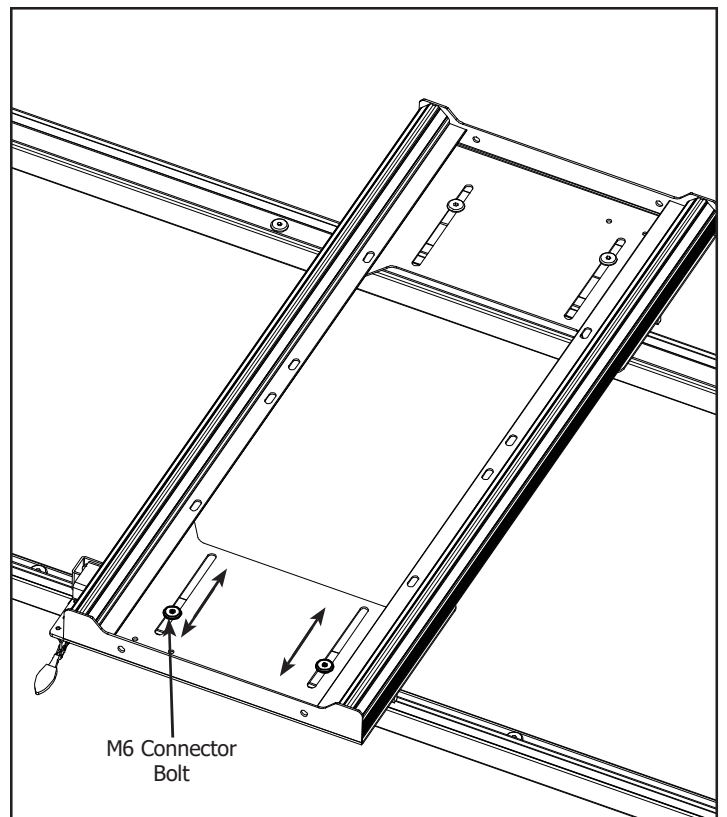
6-1 Place the Carriage onto the Track.  
**Note:** Make sure the Channel Lock is in the open position.



6-2 Loosen the (4) M6 Connector Bolts for the Back Track Assembly.



6-3 Slowly move the Carriage from one end of the Track to the other, tightening each of the (4) M6 Connector Bolts as you go.

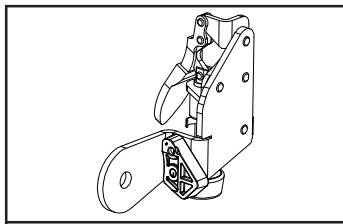


6-4 It may be necessary to adjust the rear carriage wheels. Loosen the (2) M6 Connector Bolts and adjust the Carriage to fit to the track.

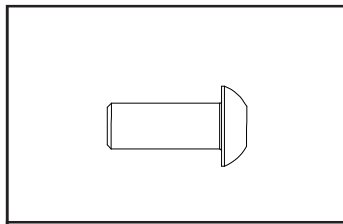
# Machine Installation | Q-Zone Hoop-Frame

## Step 7 - Sewing Machine Installation

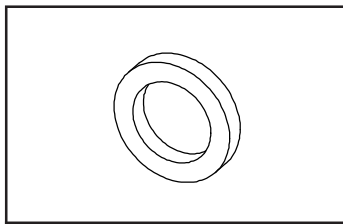
Parts Needed:



**Sewing Machine Channel Lock (1)**

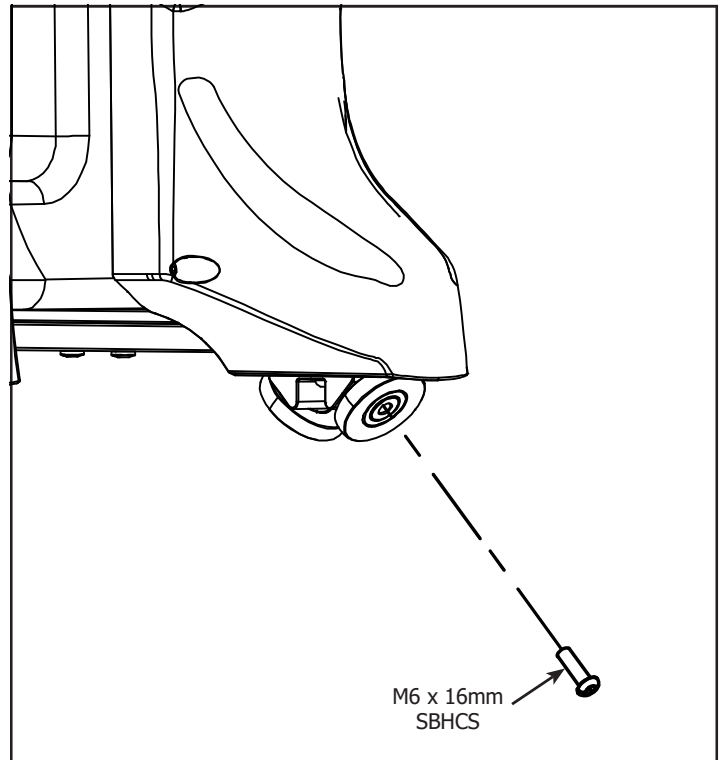


**M6 x 20mm SBHCS (1)**

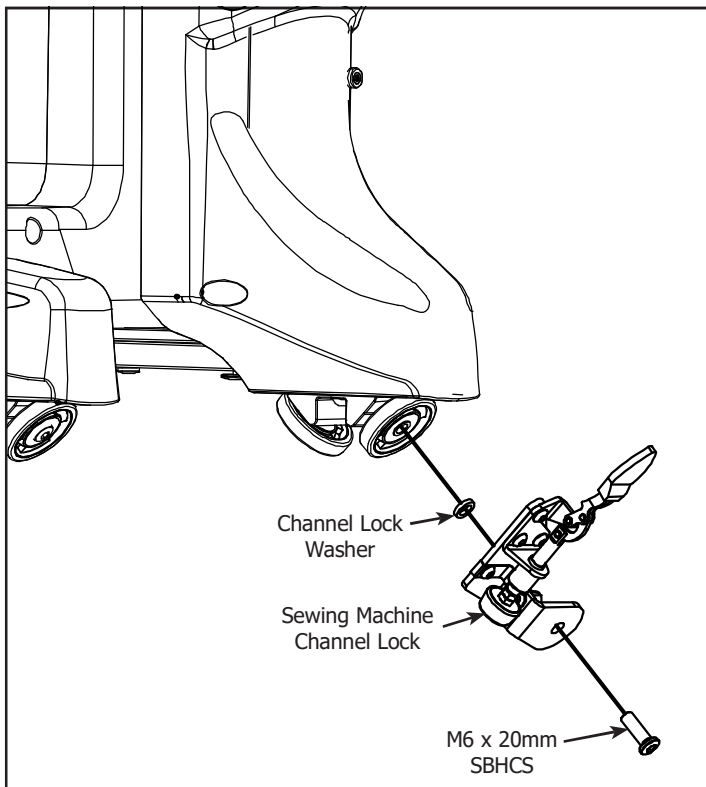


**Channel Lock Washer (1)**

**Tools Needed:**  
4mm Allen Wrench



7-1 Remove right rear M6 x 16mm SBHCS from the Sewing Machine.

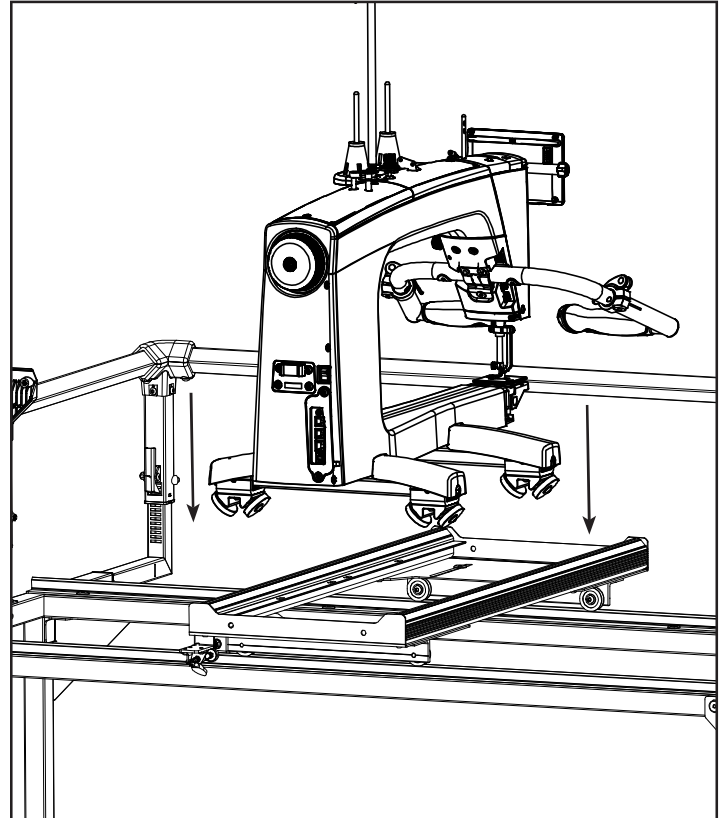


7-2 Install Sewing Machine Channel Lock onto Sewing Machine using (1) M6 x 20mm SBHCS and (1) Channel Lock Washer as shown. See page 13 for Channel Lock adjustments.

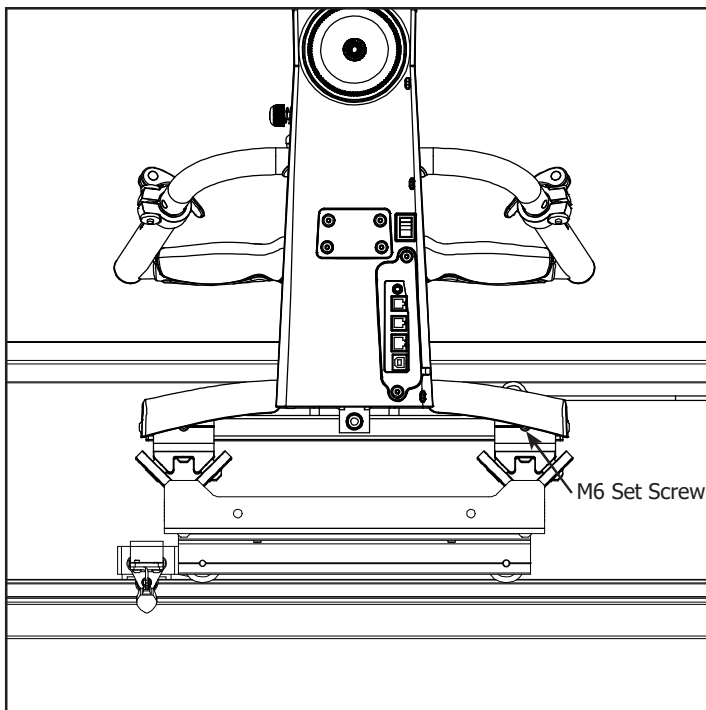
# Machine Installation | Q-Zone Hoop-Frame

## Step 8 - Machine Installation

**Tools Needed:**  
3mm Allen Wrench



8-1 Place the Sewing Machine onto the Carriage.



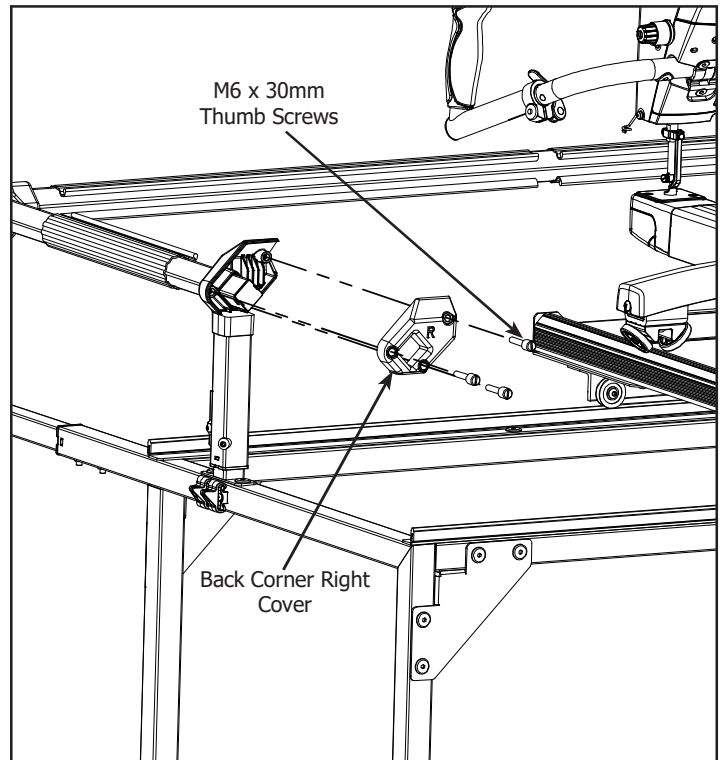
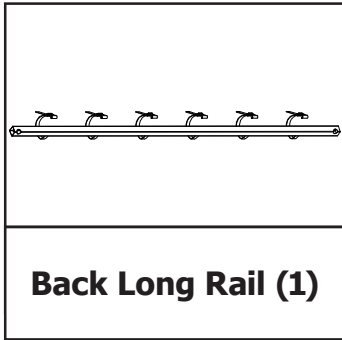
8-2 It may be required to adjust the spacing on the Sewing Machine wheels to fit the Carriage. Loosen the M6 Set Screw on the Wheel Assembly and adjust to fit.

**Note:** Wheel covers may have to be removed for this step.

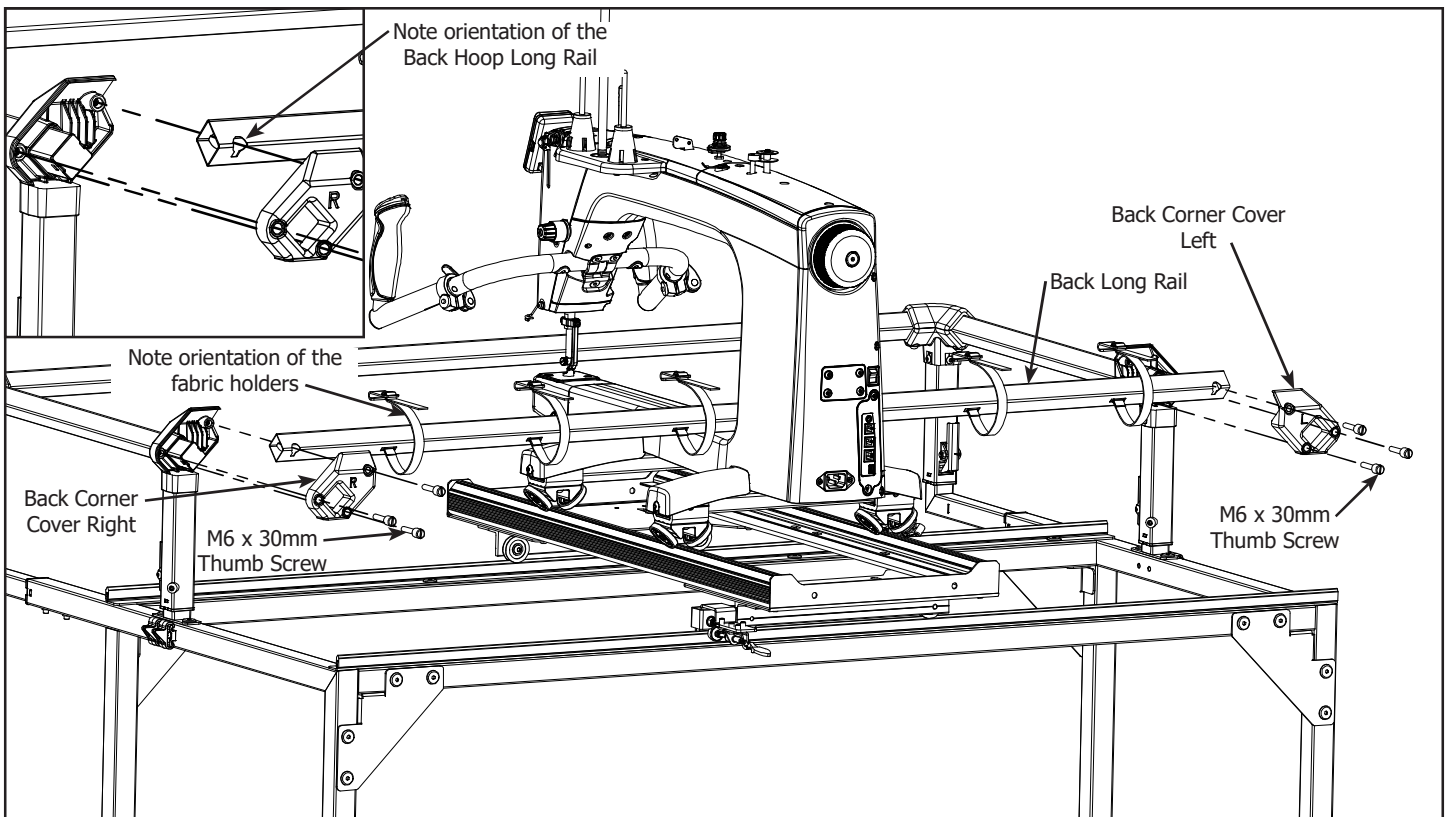
# Assembly | Q-Zone Hoop-Frame

## Step 9 - Back Long Rail Installation

Parts Needed:



9-1 Remove the (6) M6 x 30mm Thumb Screws from the right and left Back Corner Covers and remove the Back Corner Covers.



9-2 Install the Back Long Rail. Reinstall the Back Corner Right and Left Covers using (6) M6 x 30mm Thumb Screws removed in the previous step.

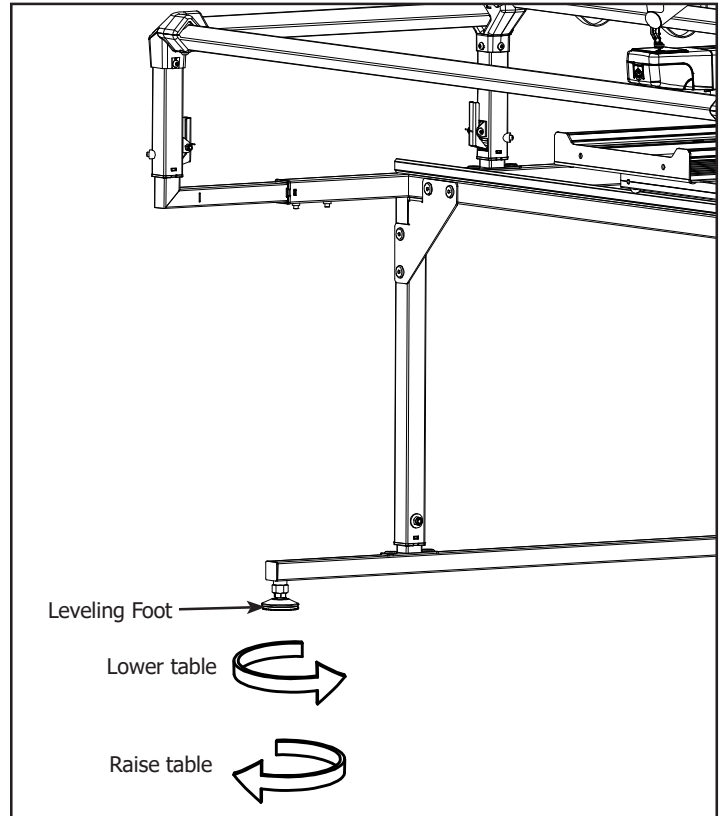


# Setup | Q-Zone Hoop-Frame

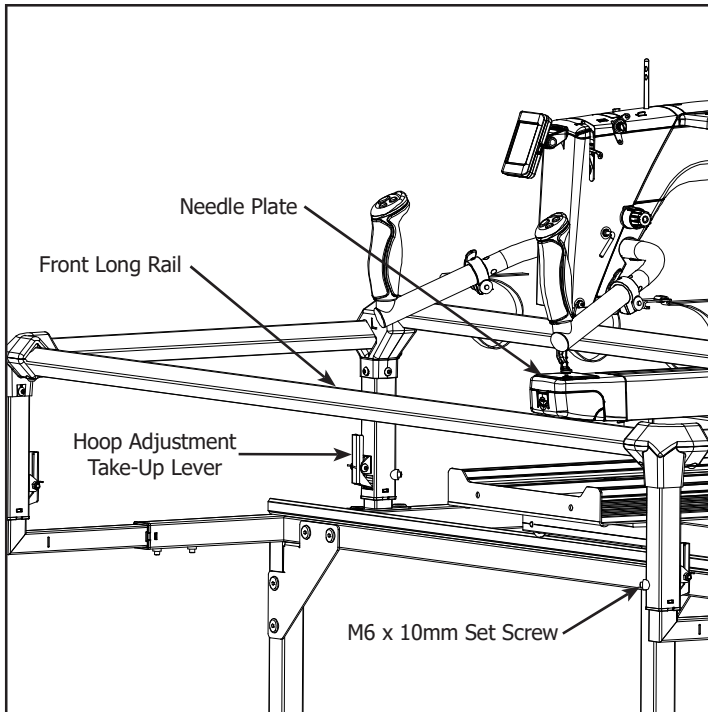
## Step 10 - Basic Setup

### Tools Needed:

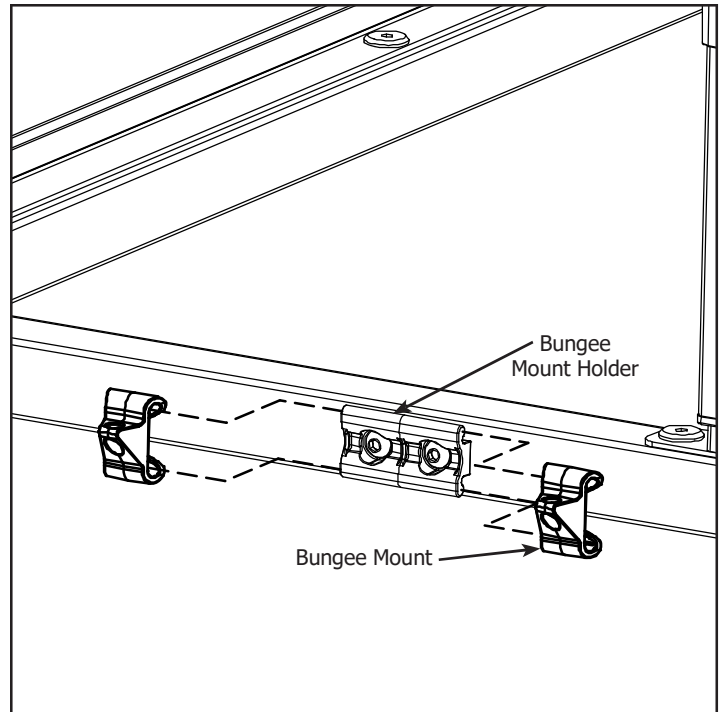
- 3mm Allen Wrench
- 10mm/13mm Box End Wrench
- 14mm/17mm Box End Wrench



10-1 Adjust the Leveling Feet to level the frame and make sure it is stable. Adjust so the Carriage and Machine do not move on their own.

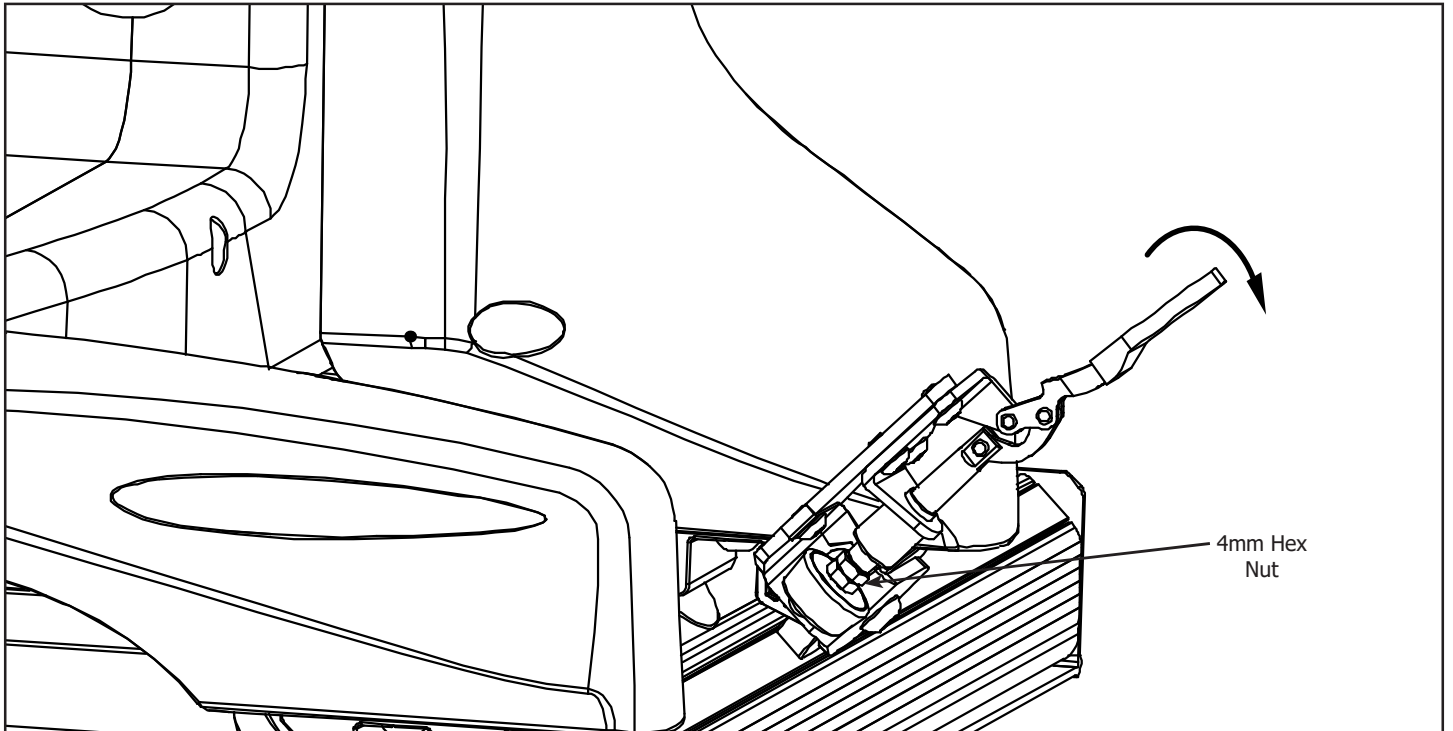


10-2 Adjust the Hoop so the top of the Front Long Rail and the Sewing Machine Needle Plate are level by loosening the M6 x 10mm Set Screws, pushing in on the Hoop Adjustment Take-Up Levers and raise or lower the Hoop. Tighten the M6 Set Screws.



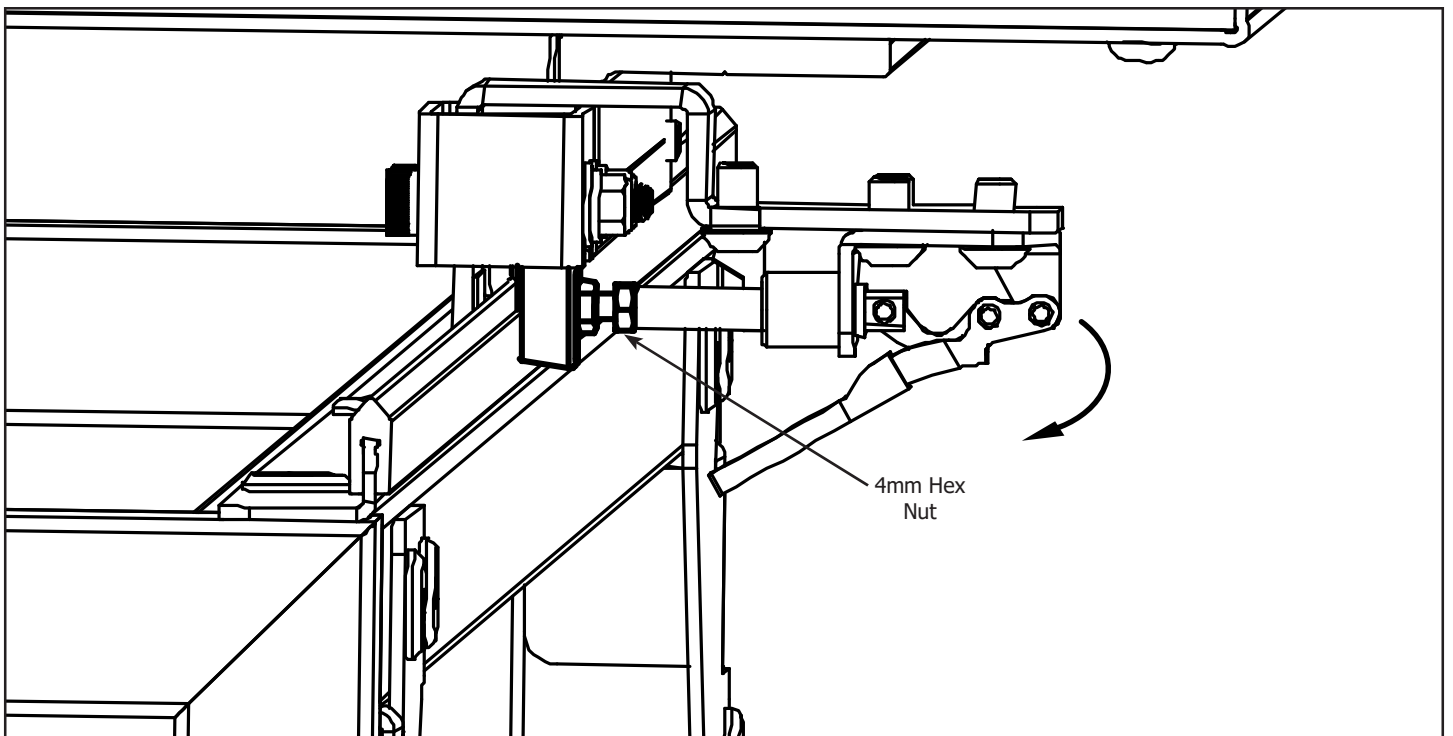
10-3 Slide the Bungee Mounts onto the Bungee Mount Holder.

## Setup | Q-Zone Hoop-Frame



10-3 Rotate the Channel Lock handle down. To adjust the Channel Lock, loosen the 4mm upper Hex Nut. Twist the Rubber Foot clockwise until it is snug against the track. Turn the 4mm upper Hex Nut counterclockwise until it is snug against the Channel Lock barrel.

**Note:** Channel Locks are used to lock the Sewing Machine, or the Carriage to assist in straight line stitching.



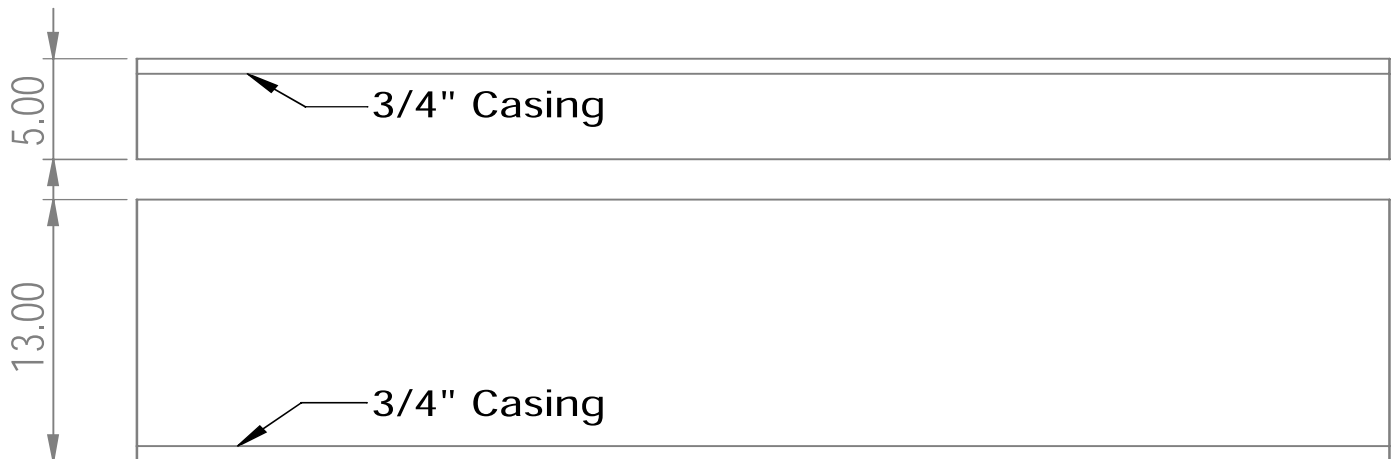
10-4 Rotate the Channel Lock handle down. To adjust the Channel Lock, loosen the 4mm upper Hex Nut. Twist the Rubber Foot clockwise until it is snug against the track. Turn the 4mm upper Hex Nut counterclockwise until it is snug against the Channel Lock barrel.

**Note:** Channel Locks are used to lock the Sewing Machine, or the Carriage to assist in straight line stitching.

## Fabric Setup

- 1.** Cut your Backing 6 inches larger in all directions than your Quilt Top. Cut your Batting 4 inches larger in all directions than your Quilt Top.
- 2.** Find the center on your Back Rail Cloth Leader and Front Rail Cloth Leader and mark it. Find the center on your Backing on both the front and back rail edges and mark it. Lay the Backing with the visible side down on a clean surface.
- 3.** Match the center of each Cloth Leader with each center mark on the Backing and pin or baste from the center out to the end of the leader on both sides. Be sure there are no gaps between the pins.
- 4.** Find the center on your Batting on both the front and back rail edges and mark it. Lay your Batting centered on top of your Backing with the center marks aligned.
- 5.** Pin the Batting to the Backing from the center out.
- 6.** Find the center on your Quilt Top on both the front and back rail edges and mark it. Lay your Quilt Top centered on top of your Batting with the center marks aligned.
- 7.** Pin the Quilt Top to the Batting from the center out.
- 8.** Roll each layer up separately starting with the Quilt Top toward the Back Rail Cloth Leader. Leave about 2 feet unrolled.
- 9.** Roll your sewing machine to the far left and back side of the frame.
- 10.** Lay your rolled fabric across the two rails to the right of the sewing machine with the Back Rail Cloth Leader draping over the back rail of the frame.
- 11.** Pull the fabric through the throat of the machine and under the presser foot.
- 12.** Utilize the machine to assist with fabric positioning and alignment. Roll the sewing machine on the carriage as far back as you can. Then position the fabric so that the Quilt Top edge is approximately 1 inch away from the needle. While gliding the sewing machine across the frame check that the Quilt Top continues to be 1 inch away from the needle.

## Step 11 - Making Leader Cloths



**1:** First, select your cloth leader material. We recommend using a good quality muslin or similar fabric that has a good thread count. Be aware, however, that if the fabric is too thick, it may prove more difficult getting it installed into the rail slot.

**2:** Surge or hem your cloth leaders on all sides.

**3:** Make cloth leaders in the widths shown. (The recommended length is 105", this length will accommodate any width of quilt that can be made on your Quilting Frame.)

**4:** Make a dashed line along the length of your leader about 1/2" in from the edge with a pen or marker. You will use this as a guide to help you insert your leader into the slot in straight line. (OPTIONAL: For a straighter cloth leader installation, some may consider it easier to make a hem and then push the tubing into the hem before installing it into the slot. If you wish to do this, create a hem on one end of each leader by folding over the fabric one inch (1"), and, using your foot pedal as a guide, stitching the fabric together 3/4" from the fold. This will leave about 1/4" of fabric beyond the stitching. Leave the edges open on both ends. You may then slide your tubing into the hem.

**5:** Mark each cloth leader at the center (length-wise).

**6:** Mark (or baste) a straight line about 1/2" in from the opposite (non-hemed, or non-dashed) end of the leader. This will be the line to which you attach your fabric layer.

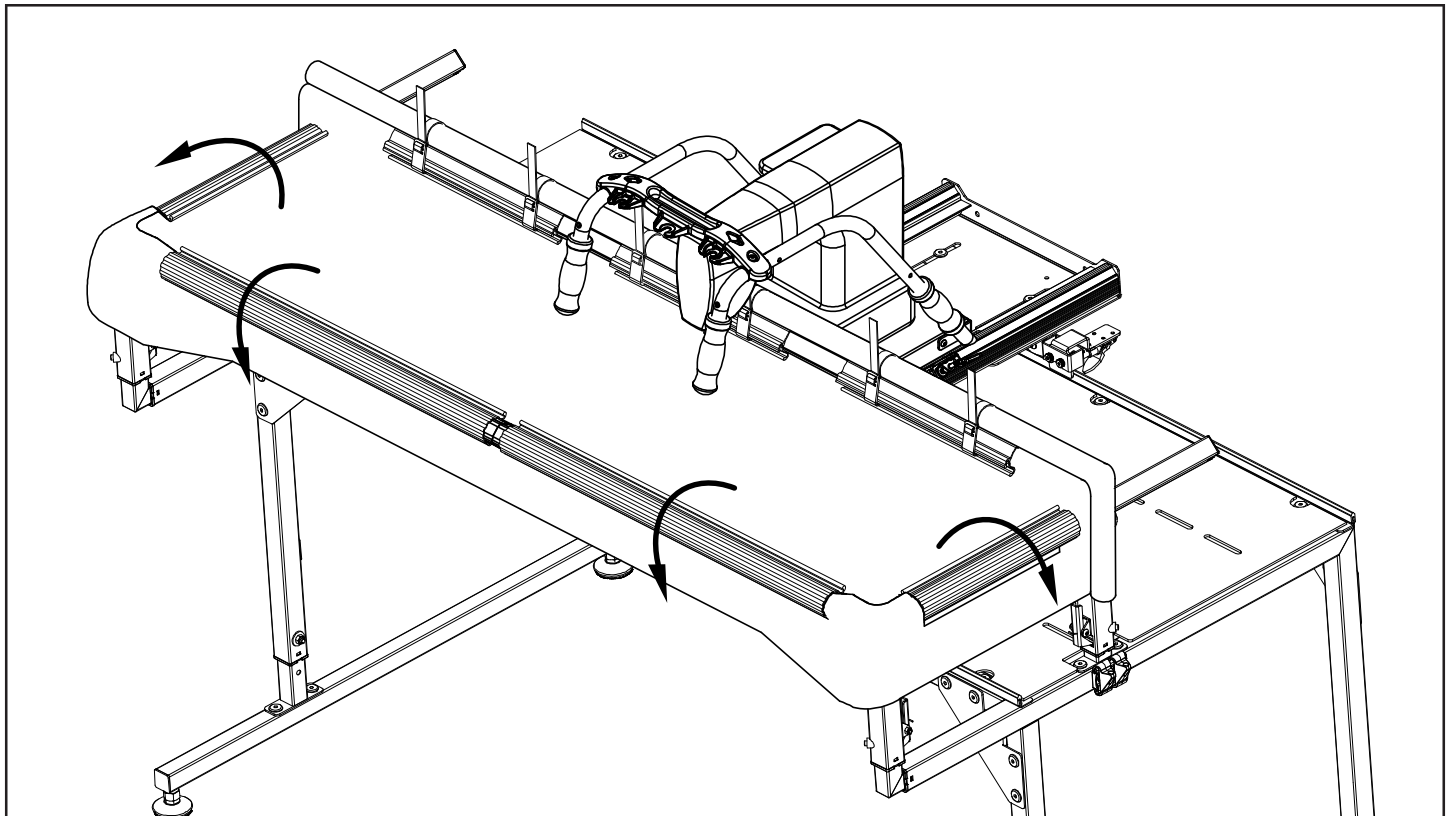
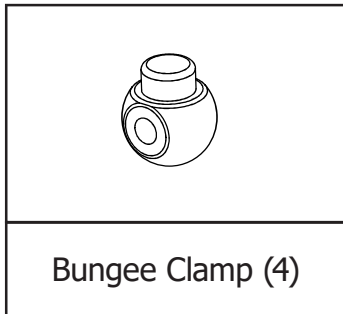
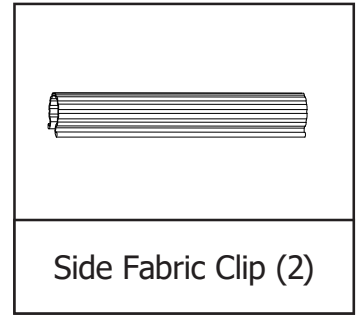
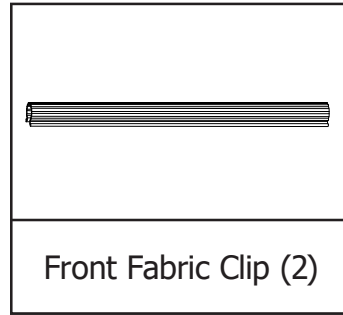
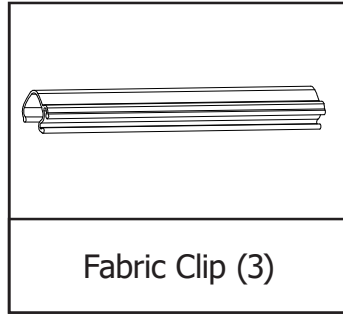
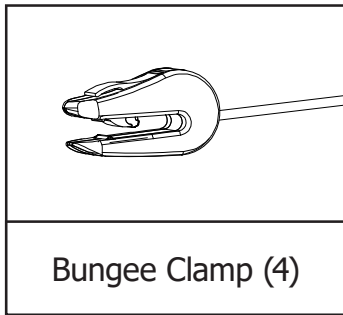
**7:** Center your cloth leader lengthwise along the rail. Using Grace's Fabri-Fast™ System, take a piece of plastic tubing (cut to the appropriate length), and, holding your cloth leader to the slot (lining up the dashed line), press the tubing over the leader and into the slot. Use the Fabri-Fast tool to press the rest of the tube and fabric in quickly and easily. (If you have made a hem, line up this hem w/ tubing over the slot and press it into the slot using the Fabri-Fast tool.

**8:** With Cloth Leaders in place, pin your Quilt Fabric to the Leaders, rather than attaching it directly to the Rails.

## Fabric Setup

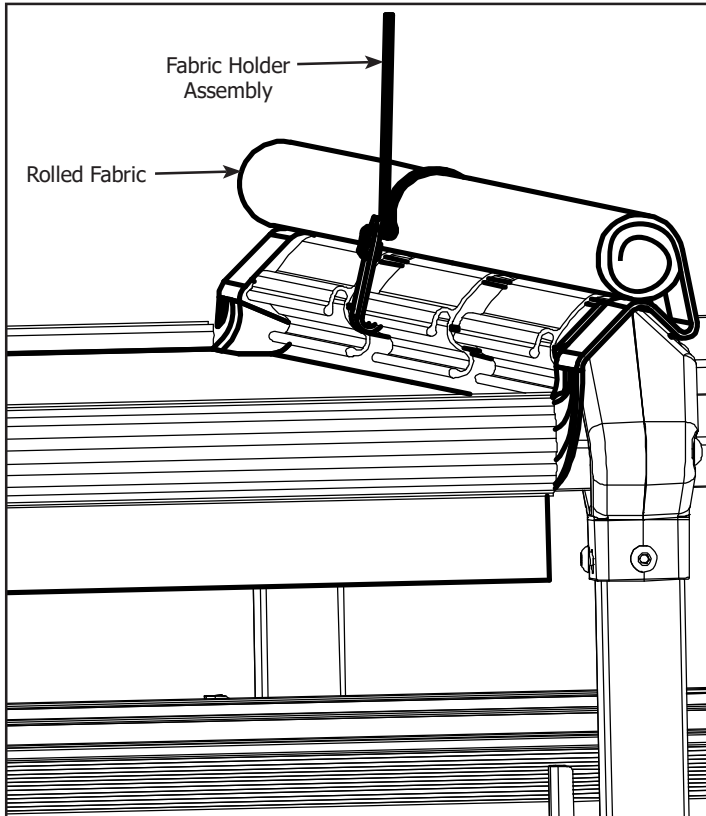
### Step 12 - Fabric Installation

Parts Needed:

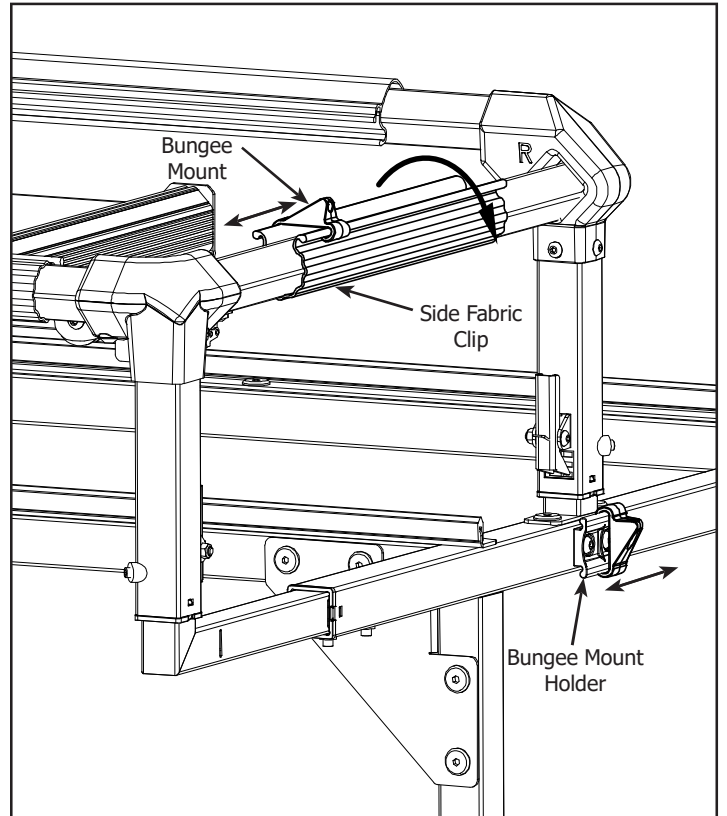


12-1 Install the (3) Fabric Clip. Pull Fabric snug and install the (2) Front Fabric Clips and (2) Side Fabric Clips. Rotate the Fabric Clips clockwise to tighten the fabric.

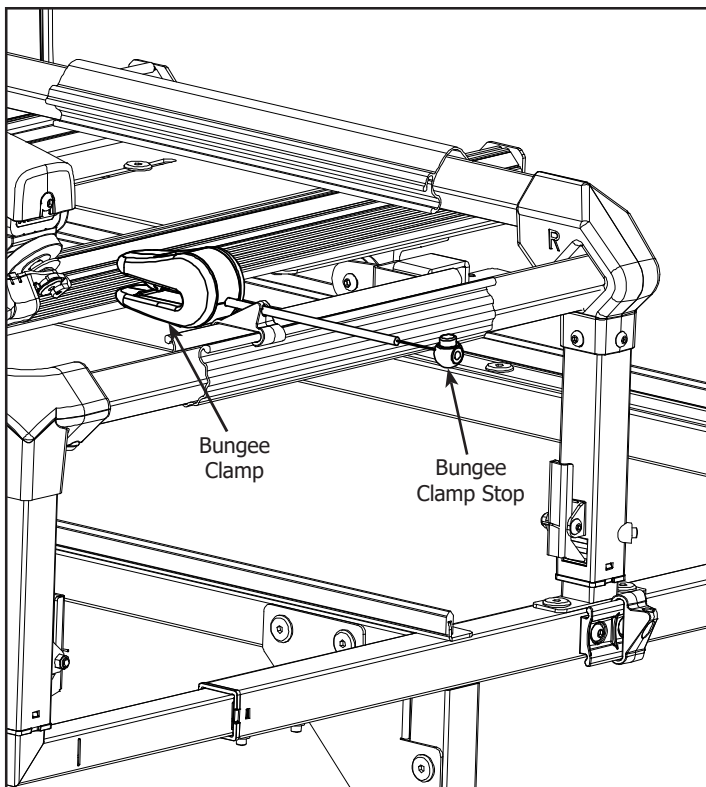
# Fabric Setup



12-2 As you move your material, roll the finished area and secure with the Fabric Holder Assembly.



12-3 Slide the Bungee Mount off the Bungee Mount Holder and onto the Side Fabric Clip with the vertical face to the outside of the frame.



12-4 Insert the Bungee Clamp Cord through the Bungee Mount and the Bungee Clamp Stop.

**Note:** See Bungee Clamp instructions for attaching to fabric.

# Care and Use

## Quilting Tips:

- Be Careful not to sew too close to the edge, to prevent hitting the Bungee Clamps, or running off the edge of the quilt. Also, if you are using side leaders, avoid accidentally stitching the leader to your quilt.
- If your quilt will fit onto your frame length-wise attach your quilt's fabric to the rails along it's length. You will have to roll the quilt less often, since your work surface will be as large as possible. Also, the quilt will not be as large under the arm of the machine when you get to the end.
- Make sure to turn off your sewing machine any time you leave your quilting room.

## Rails:

- Keeping the fabric on the Take-Up Rail, just slightly above the bed of the sewing machine, yields the best results. If the fabric is too high off the bed, thread and needle breakage may occur. If it is pressing down on the bed of the machine it will be difficult to roll the sewing machine on the frame.
- When rolling the quilt, pull the batting a little to each side to make sure that it is not bunching. After rolling and tightening all the rails, check under the quilt to see that the back is smooth.

## Stitch Regulating:

- If the machine only appears to be stitch regulating in one direction, make sure the encoder cords are plugged in tightly on both ends. Make sure the encoder O-rings are contacting the track and rolling when the machine is moving on the carriage.

## Bungee Clamps:

- If it is necessary to use the bungee clamps over the batting on your quilt, turn the bungee clamps upside down so the rubber grip in the clamp is gripping against the bottom fabric instead of the batting. Having the rubber grip clamp against the batting is less effective than having it clamp against the fabric.

## Fabric Issues:

- Do not over tighten the fabric on the quilting frame. Stretching the fabric will result in a quilt that does not lay flat when it is finished.

## Frame Cleaning:

- Regularly clean the wheels and track of your carriage and frame. Lint from the batting will build up quickly causing the carriage not to roll as smoothly and eventually damage the track.

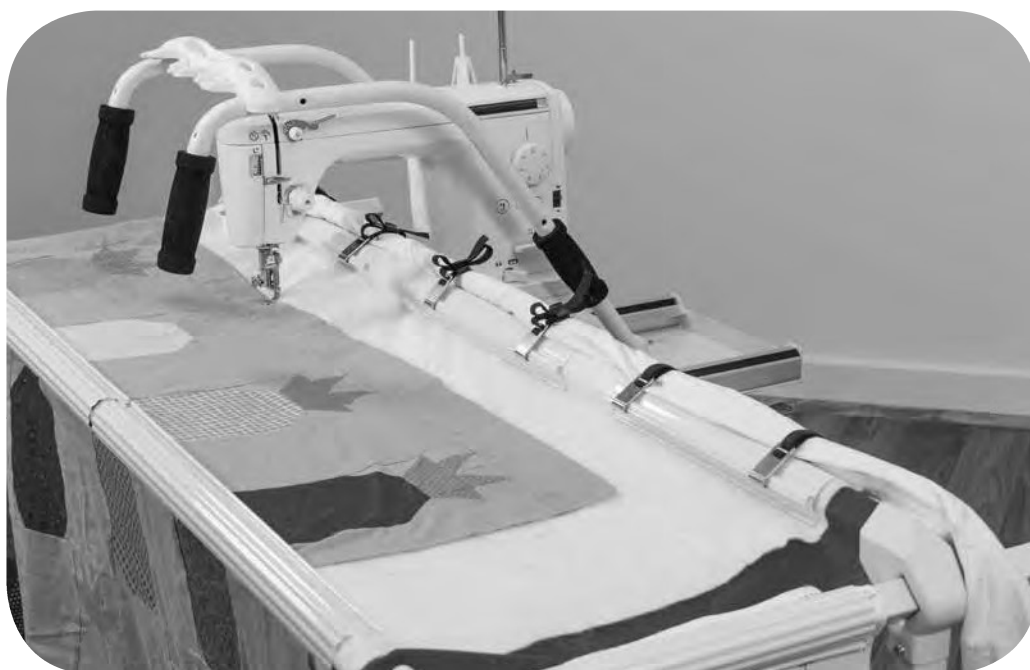
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[www.graceframe.com](http://www.graceframe.com)





# Q-Zone Hoop Frame

## Fabric Installation Instructions



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Version 1.0

# Table of Contents | Q-Zone Hoop Frame

## **Installing Fabric Using Cloth Leaders**

Step 1 – Quilt Preparation .....	2
Step 2 – Fabric to Frame .....	6
Step 3 – Moving Fabric to a New Quilting Zone .....	12

## **Installing Fabric Without Using Cloth Leaders**

Step 1 – Quilt Preparation .....	15
Step 2 – Fabric to Frame .....	18
Step 3 – Moving Fabric to a New Quilting Zone .....	24

## **Using Bungee Clamps for Smaller Projects**

Step 1 – Bungee Clamp Setup for Smaller Projects .....	27
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**With Cloth Leaders** | Q-Zone Hoop Frame

# Installing Fabric Using Cloth Leaders

**Creating a quilt using Cloth Leaders allows you to use a smaller backing for your quilt. The following are instructions on how to set up your project using Cloth Leaders.**

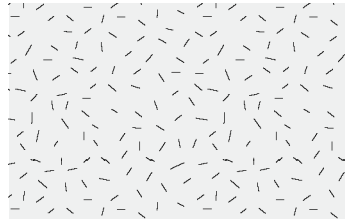
# With Cloth Leaders | Q-Zone Hoop Frame

## Step 1 – Quilt Preparation

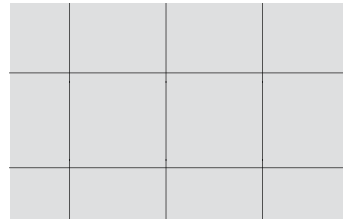
Parts Needed:



**Backing Material**



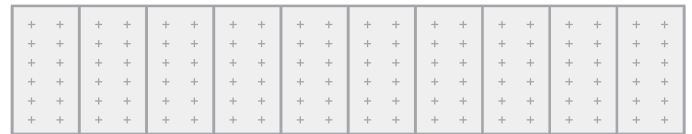
**Batting Material**



**Quilt Top Material**



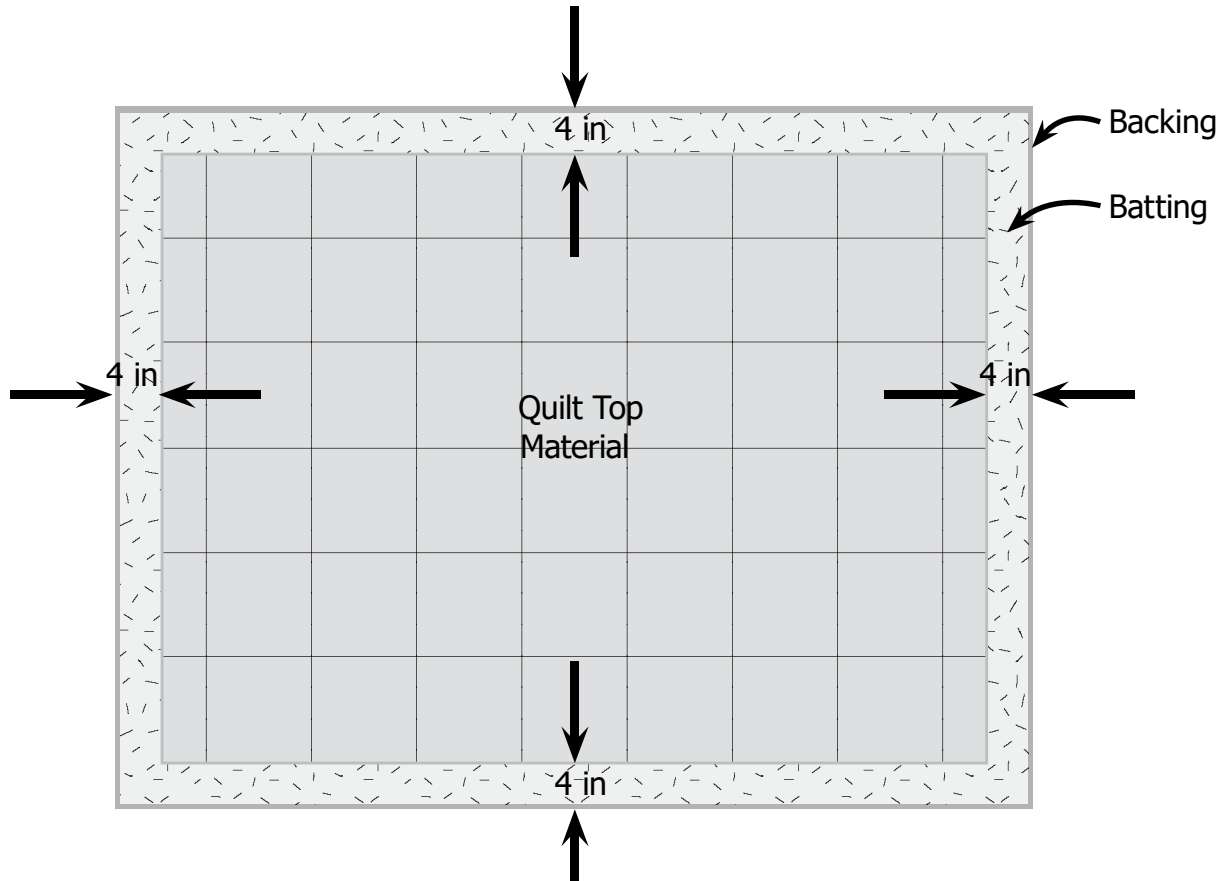
**Back Rail Cloth Leader**



**Front Rail Cloth Leader**

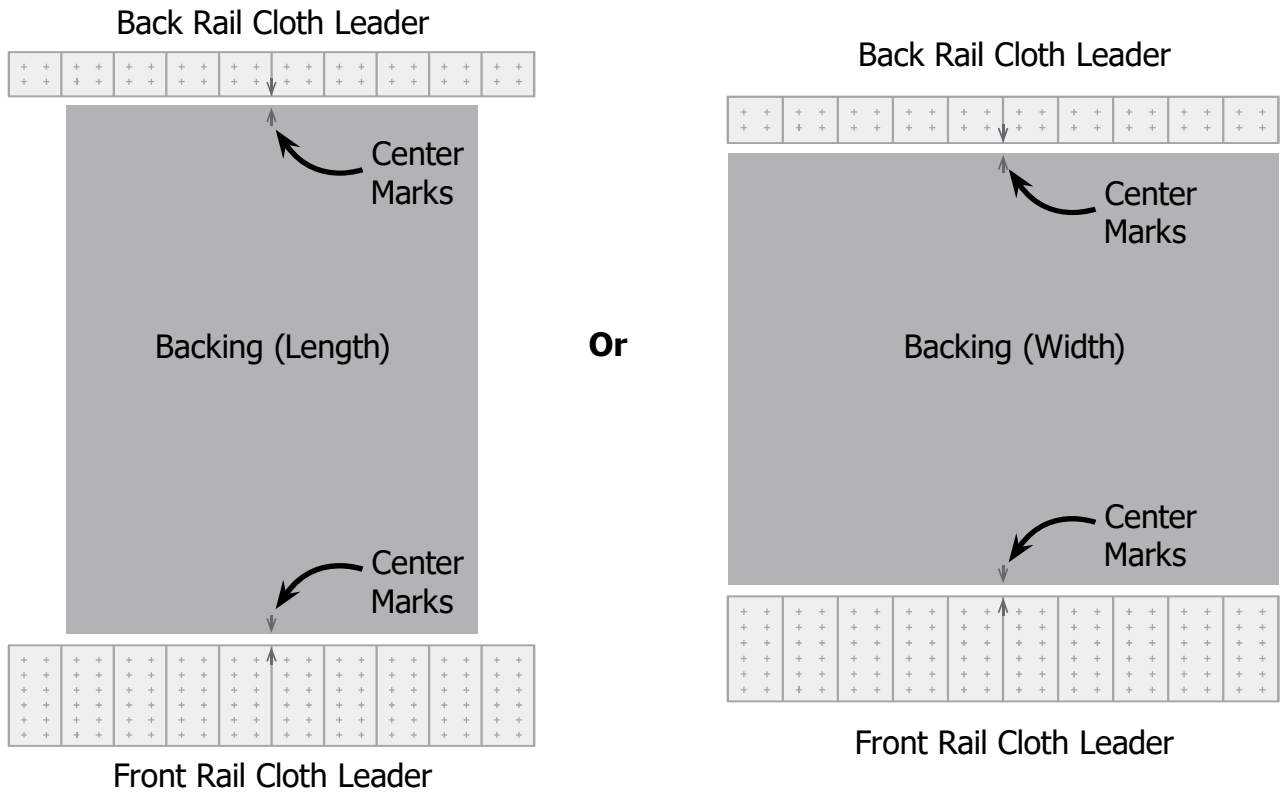
Tools Needed:

Pins or Masking Tape

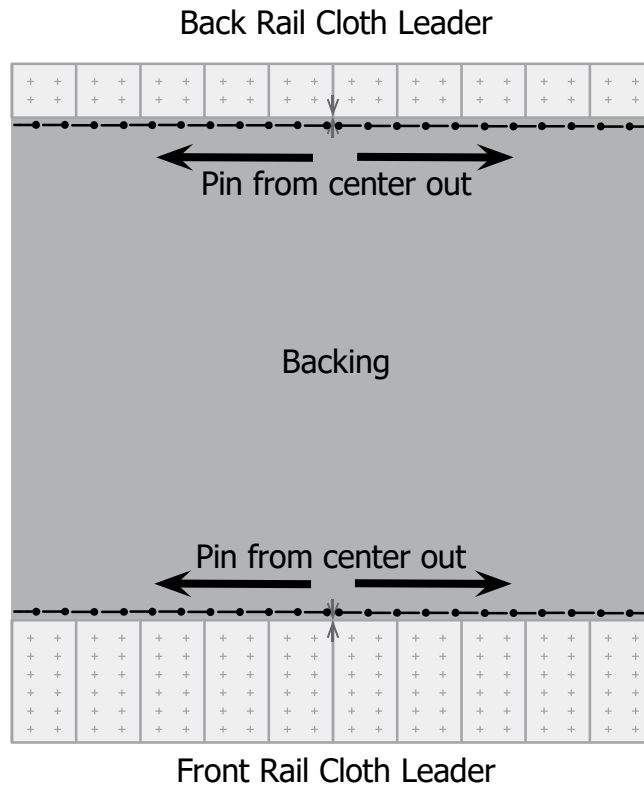


1-1 Cut your *Backing* and *Batting* **8 in** wider than your *Quilt Top Material* or **4 in** on each side.

# With Cloth Leaders | Q-Zone Hoop Frame

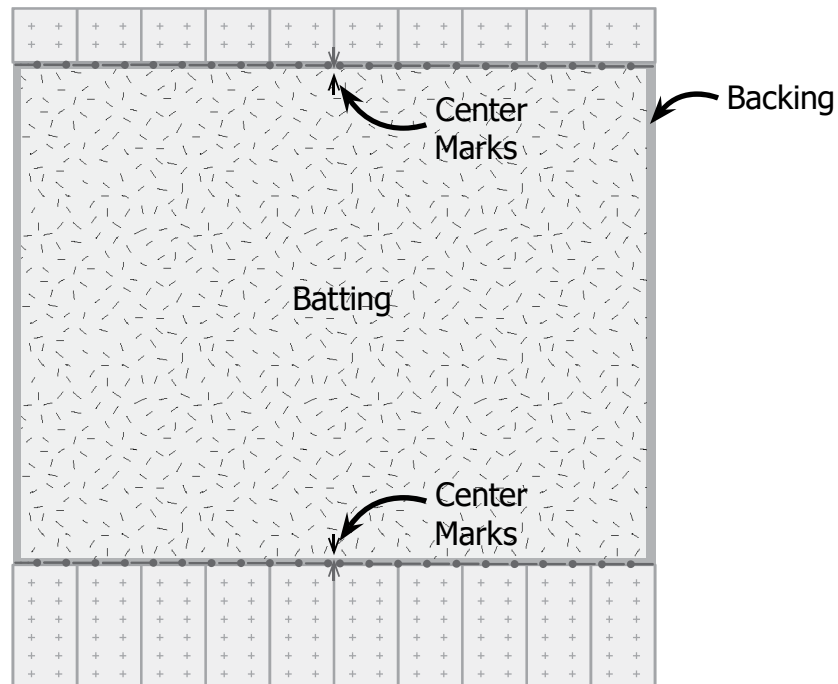


1-2 Find the center on your *Back Rail Cloth Leader* and *Front Rail Cloth Leader* and mark it. Find the center on your *Backing* on both the front and back rail edges and mark it. Lay the *Backing* with the visible side down on a clean surface.

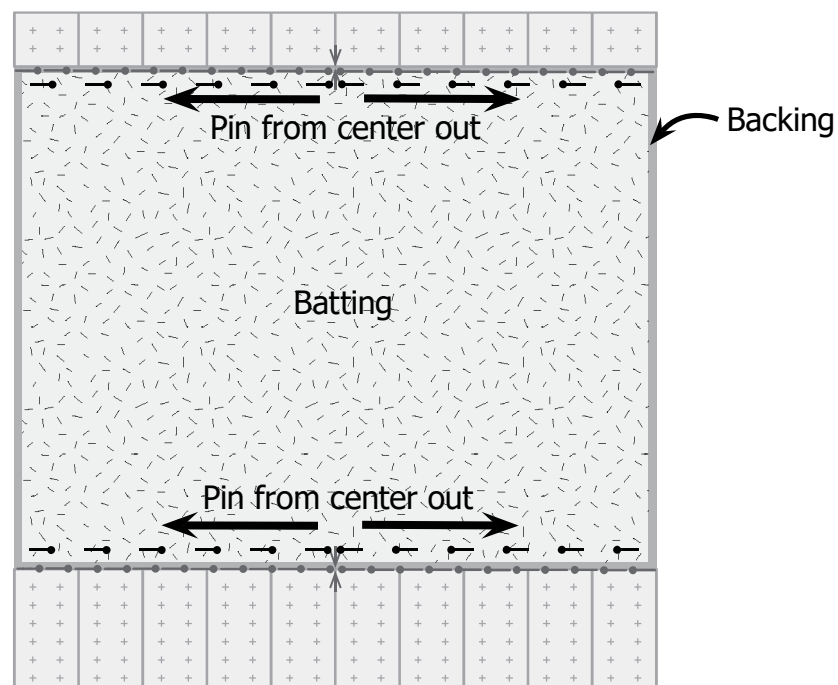


1-3 Match the center of each *Cloth Leader* with each center mark on the *Backing* and pin or baste from the center out to the end of the leader on both sides. Be sure there are no gaps between the pins.

## With Cloth Leaders | Q-Zone Hoop Frame

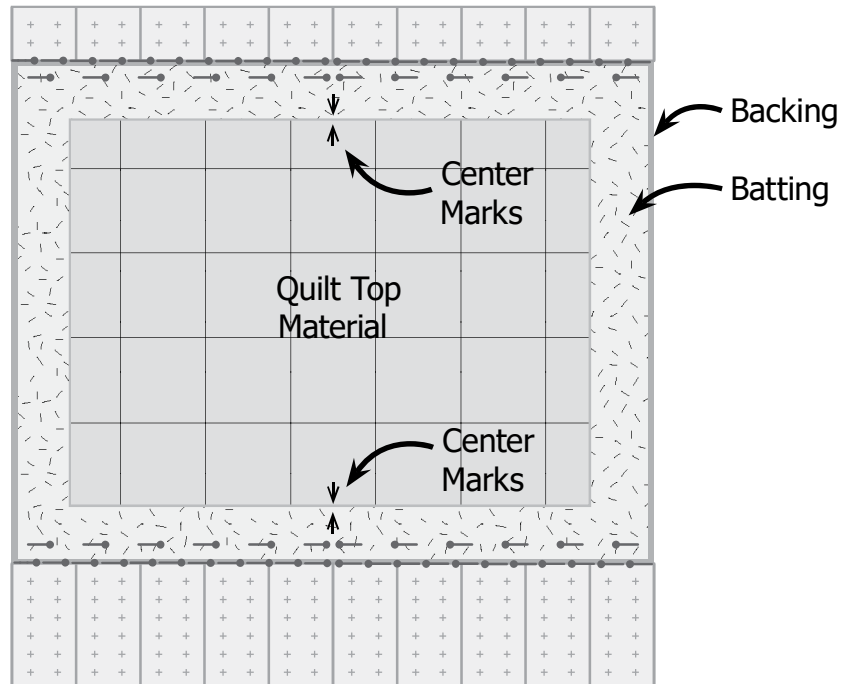


1-4 Find the center on your *Batting* on both the front and back rail edges and mark it. Lay your *Batting* centered on top of your *Backing* with the center marks aligned.

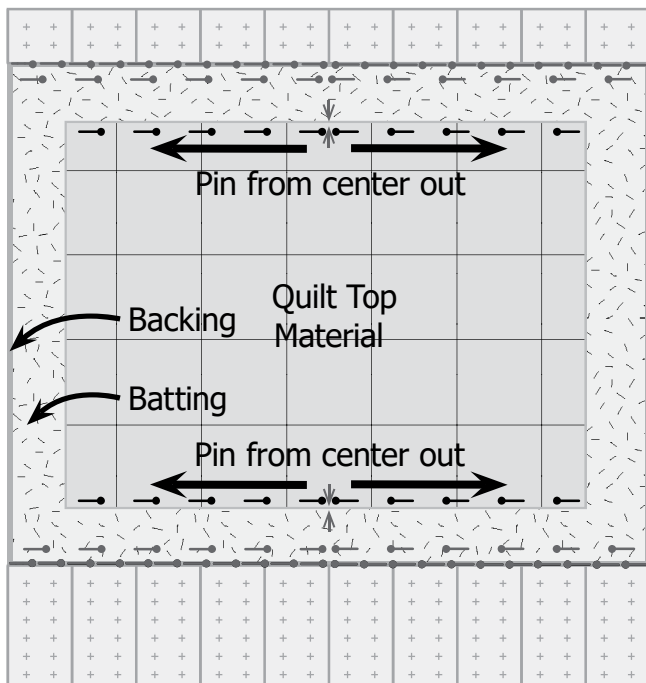


1-5 Pin the *Batting* to the *Backing* from the center out on the top and bottom edges of the *Batting*.

## With Cloth Leaders | Q-Zone Hoop Frame



1-6 Find the center on your *Quilt Top Material* on both the front and back rail edges and mark it. Lay your *Quilt Top Material* centered on top of your *Batting* with the center marks aligned.



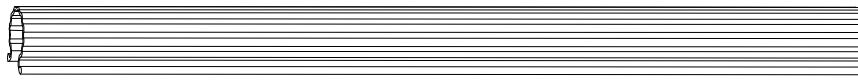
1-7 Pin the *Quilt Top Material* to the *Batting* and *Backing* from the center out along the top and bottom edges of the *Quilt Top Material*.

1-8 Roll the quilt toward the *Back Rail Cloth Leader*. Leave about 2 feet unrolled.

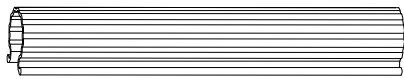
# With Cloth Leaders | Q-Zone Hoop Frame

## Step 2 – Fabric to Frame

Parts Needed:



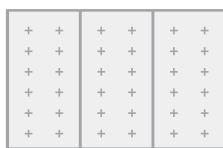
**Front Fabric Clip (2)**



**Side Fabric Clip (2)**



**Fabric Clip (3)**

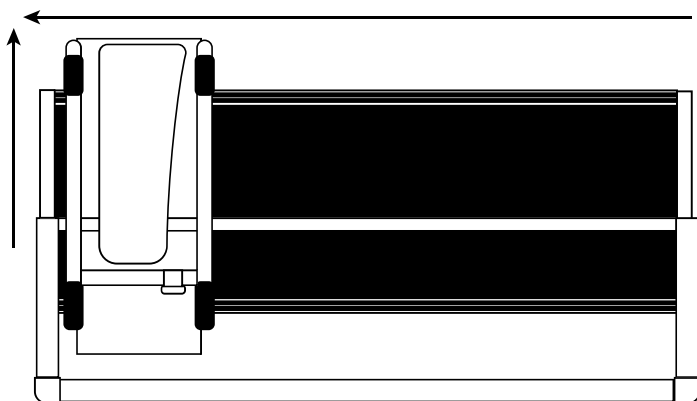


**Side Rail Cloth Leader (2)**

Tools Needed:

Pins or Masking Tape

Move sewing machine to back-left



2-1 Roll your sewing machine to the far left and back side of the frame.

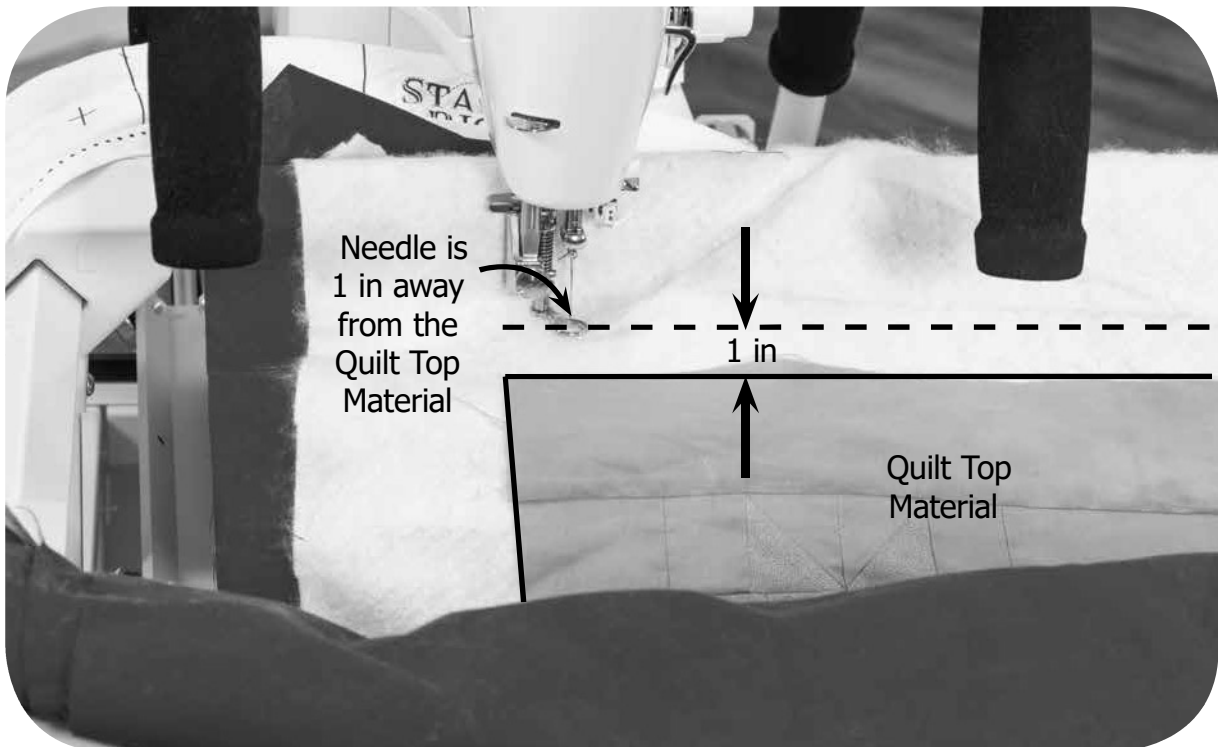
2-2 Lay your rolled fabric onto the rails of the quilting frame with the *Back Rail Cloth Leader* pulled toward the back long rail.



## With Cloth Leaders | Q-Zone Hoop Frame



2-3 Pull the fabric through the throat of the machine and under the presser foot.

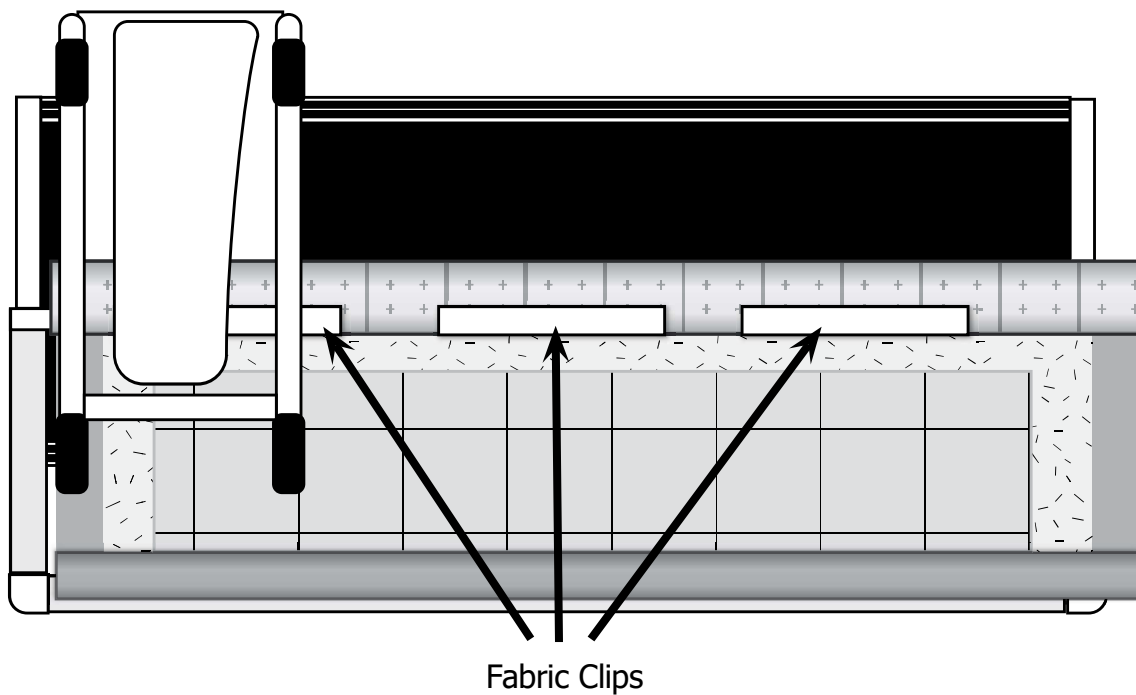


2-4 Roll the sewing machine to the back of the frame until it touches the back long rail. Then position the fabric so that the *Quilt Top Material* edge is approximately 1 inch away from the needle. While moving the sewing machine across the frame, adjust the *Quilt Top Material* so it is 1 inch away from the needle when the machine is touching the back long rail at any point while moving the machine across the frame.

## With Cloth Leaders | Q-Zone Hoop Frame

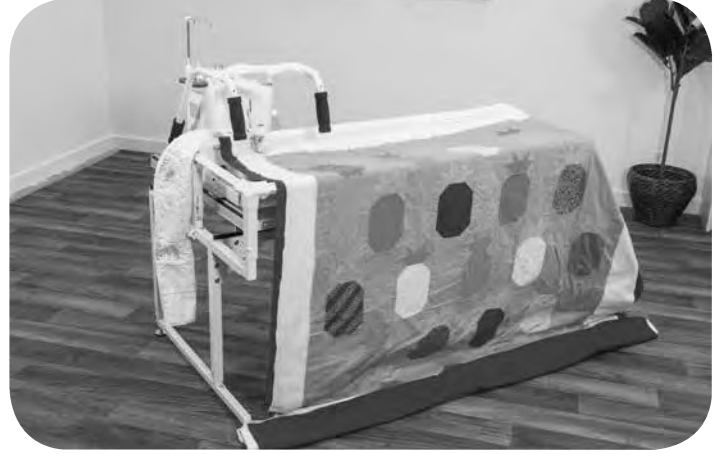


2-5 Lay the Quilt over the back long rail of the quilting frame. Push one of the *Fabric Clips* over the top of the rail until it snaps into place. Check that your machine reaches the desired quilting area and if necessary remove the *Fabric Clip*, readjust your quilt placement and place the *Fabric Clip* on again.



2-6 Repeat with the remaining (2) *Fabric Clips* while keeping the *Quilt Top Material* straight across the frame.

## With Cloth Leaders | Q-Zone Hoop Frame



2-7 Unroll the *Quilt* towards you and down until it reaches the ground. Smooth it out to remove any wrinkles.



2-8 Use the straps on the back long rail to keep the extra quilt secured away from your sewing area. Roll the remaining *Back Rail Cloth Leader* and position it on top of the back long rail. Pull the straps over the roll of fabric and hook them onto the front edge of the *Fabric Clip*. Hold the *Fabric Clip* while you pull the end of the strap to tighten it in place. Repeat this for the other two *Fabric Clips*.

## With Cloth Leaders | Q-Zone Hoop Frame



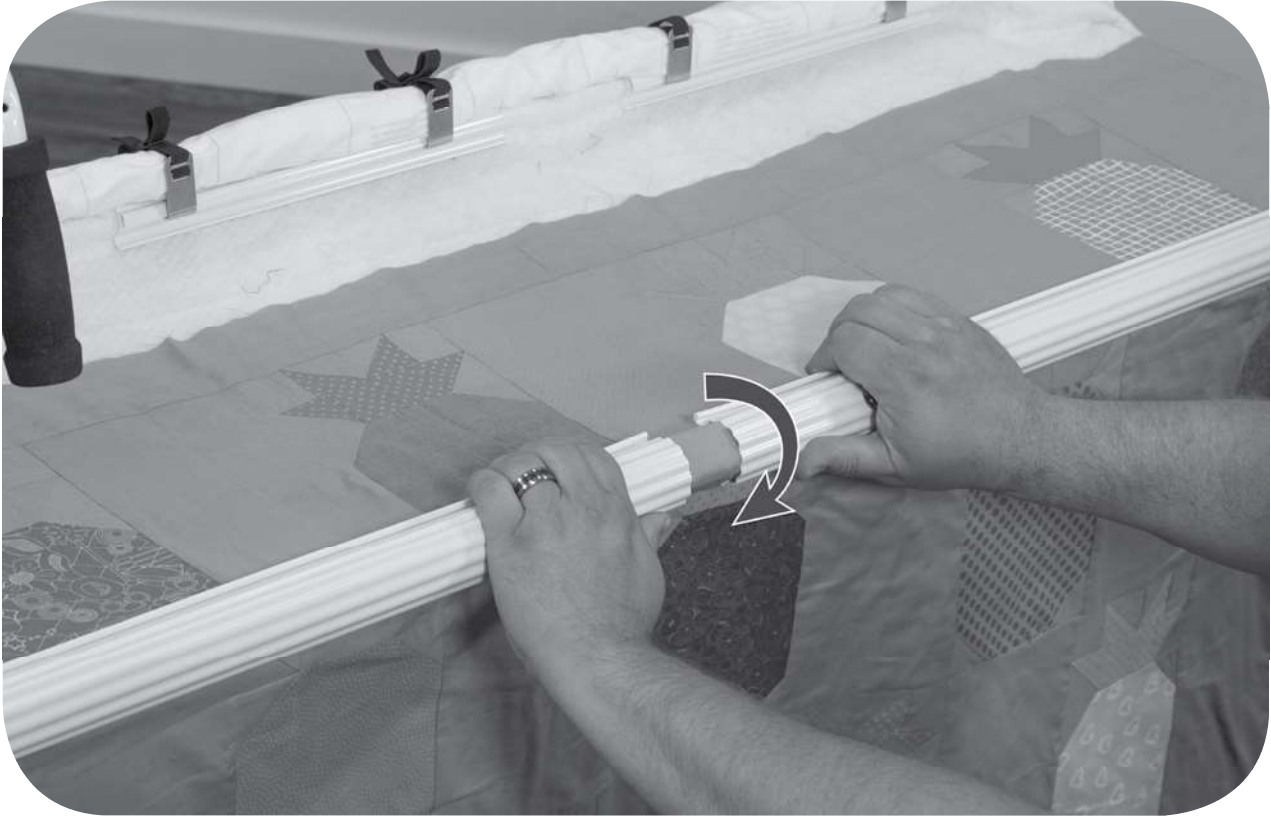
2-9 **Step A:** Push the top curved edge of the *Front Fabric Clip* onto the top corner of the rail.  
**Step B:** Snap it into place over the *Quilt*.

2-10 Repeat with the other *Front Fabric Clip* on the other side.

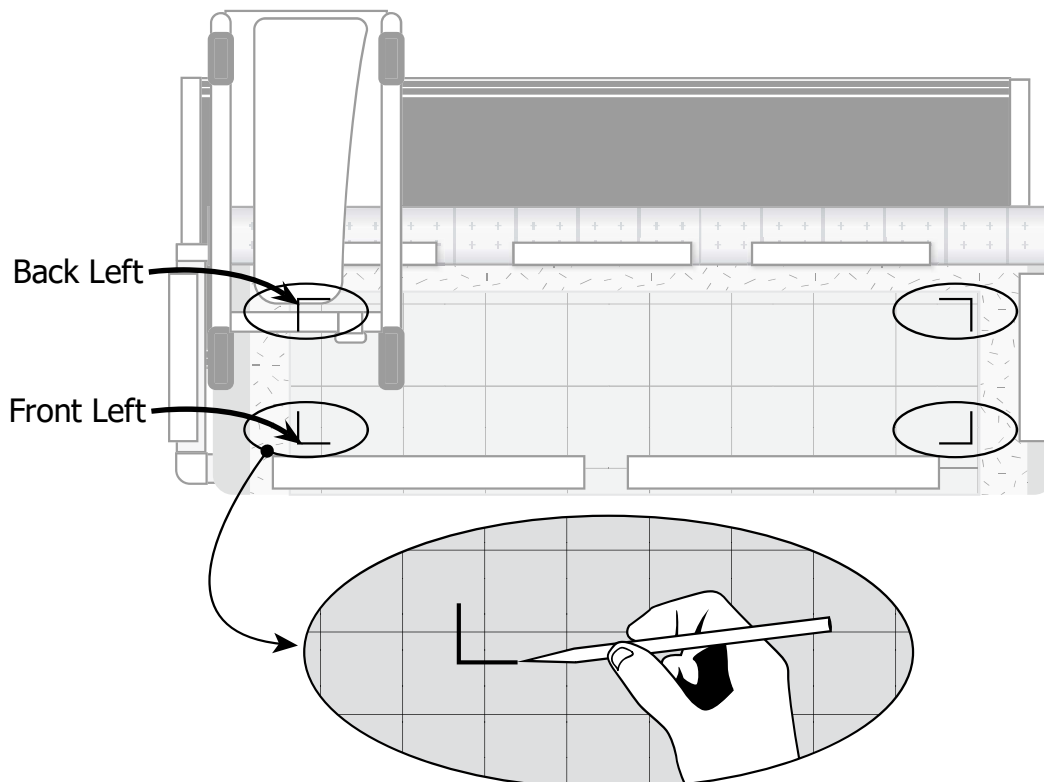


2-11 Attach the *Side Rail Cloth Leader* to the edge of the *backing* by pinning it. Drape the *Side Rail Cloth Leader* over the side of the frame and clip it to the side rail with the *Side Fabric Clip*. Install the *Side Fabric Clip* in the same manner as the *Front Fabric Clip*. Repeat with the other *Side Rail Cloth Leader* on the other side if the quilt does not reach the other side rail.

## With Cloth Leaders | Q-Zone Hoop Frame



2-12 To add tension to the fabric, twist the *Front Fabric Clips* toward you a click or two (take care not to stretch the fabric).

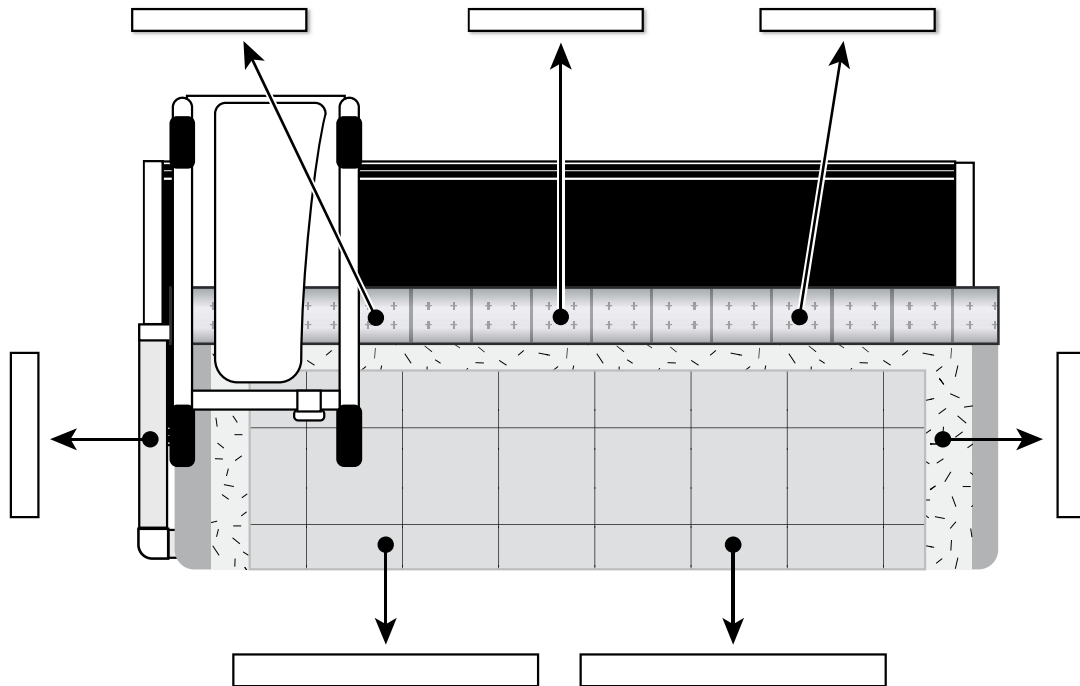


2-13 Mark your sewing area by moving your machine as far as possible to the back left and make a mark with chalk, tape, or a pin. Pull the machine forward toward the front rail as far as possible and mark again. Roll machine to the right of the frame and repeat the process.

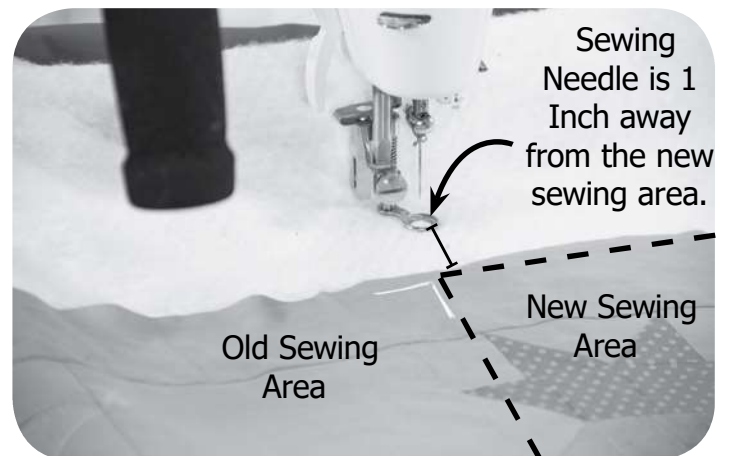
***You are now ready to begin sewing.***

## With Cloth Leaders | Q-Zone Hoop Frame

### Step 3 – Moving Fabric to a New Quilting Zone



3-1 Remove all *fabric clips*. Make sure the sewing machine's needle is out of the fabric. Roll the sewing machine to the far left back side of the frame.

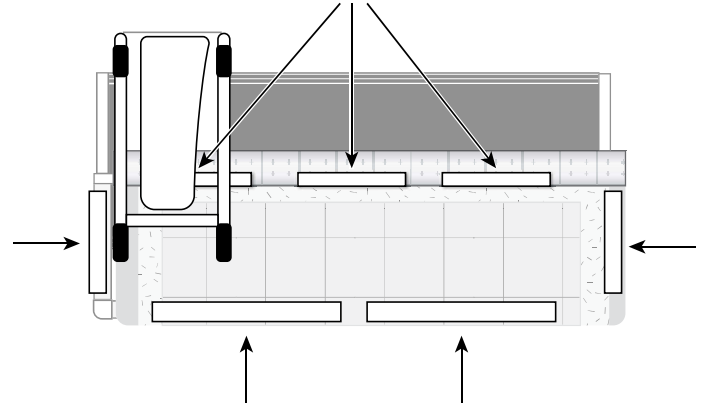


3-2 Slide the fabric across the frame to the new sewing area to your left. Confirm that your desired start point is within the new sewing area. Make sure the sewing machine is pushed all the way back and pull the fabric toward the back of the machine until the already sewn area is about 1 inch in front of the needle.

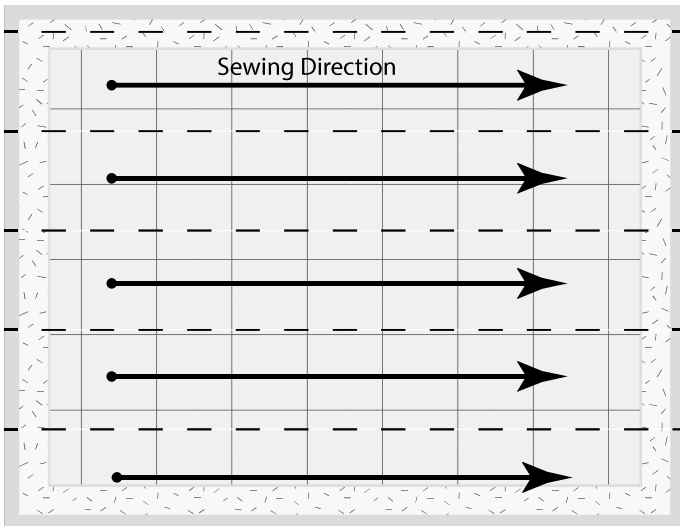
## With Cloth Leaders | Q-Zone Hoop Frame



3-3 If the quilt does not reach the right side rail, pin the *Side Rail Cloth Leader* to the right side of the *Backing Material* and drape it over the side rail.



3-4 Clamp the fabric in place using the same method as before. Be sure not to stretch the fabric.



3-5 After having finished your 1st row, pull the fabric to the right so that you can start your next row sewing from left to right. Continue in this pattern until your quilt is complete.

# Installing Fabric Without Using Cloth Leaders

**Creating a quilt without using Cloth Leaders requires using a larger backing for your quilt. The following are instructions on how to set up your project without using Cloth Leaders.**



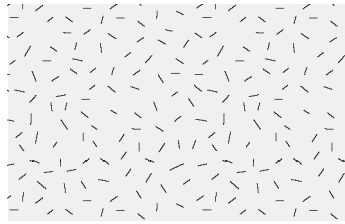
## Without Cloth Leaders | Q-Zone Hoop Frame

### Step 1 – Quilt Preparation

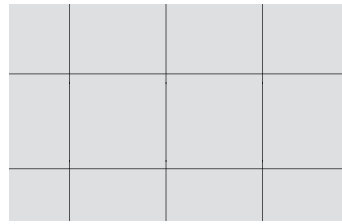
Materials Needed:



**Backing Material**



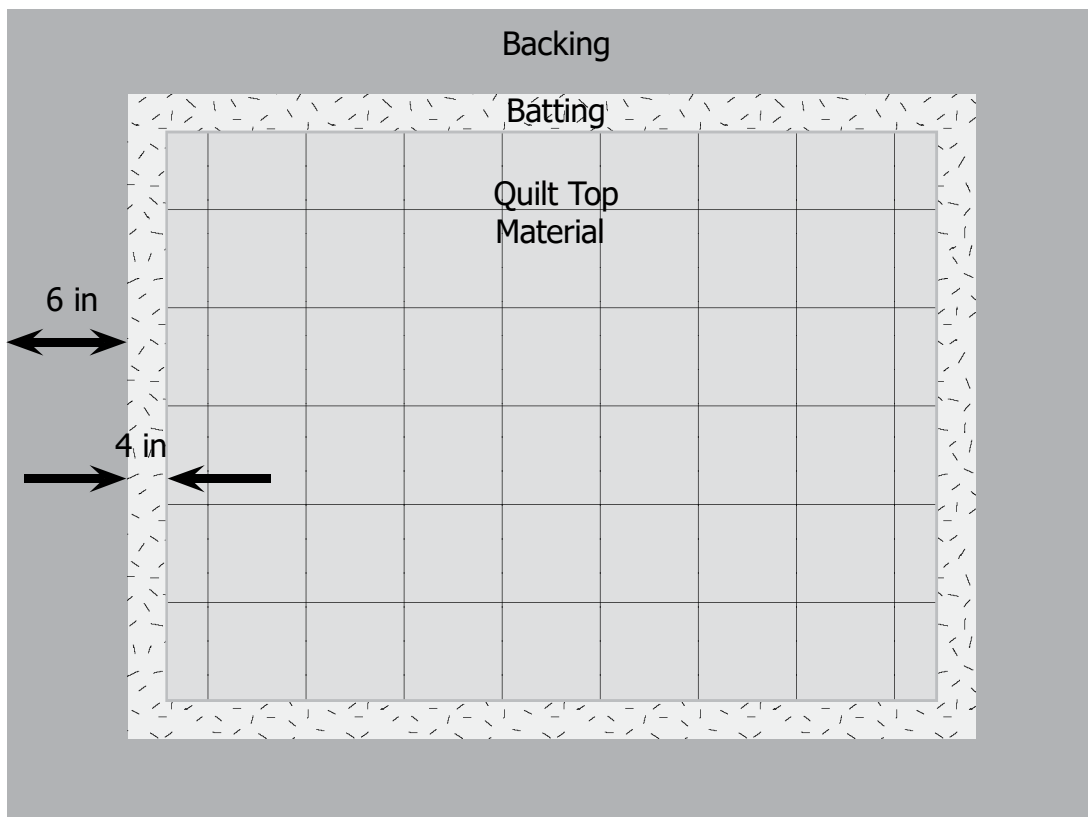
**Batting Material**



**Quilt Top Material**

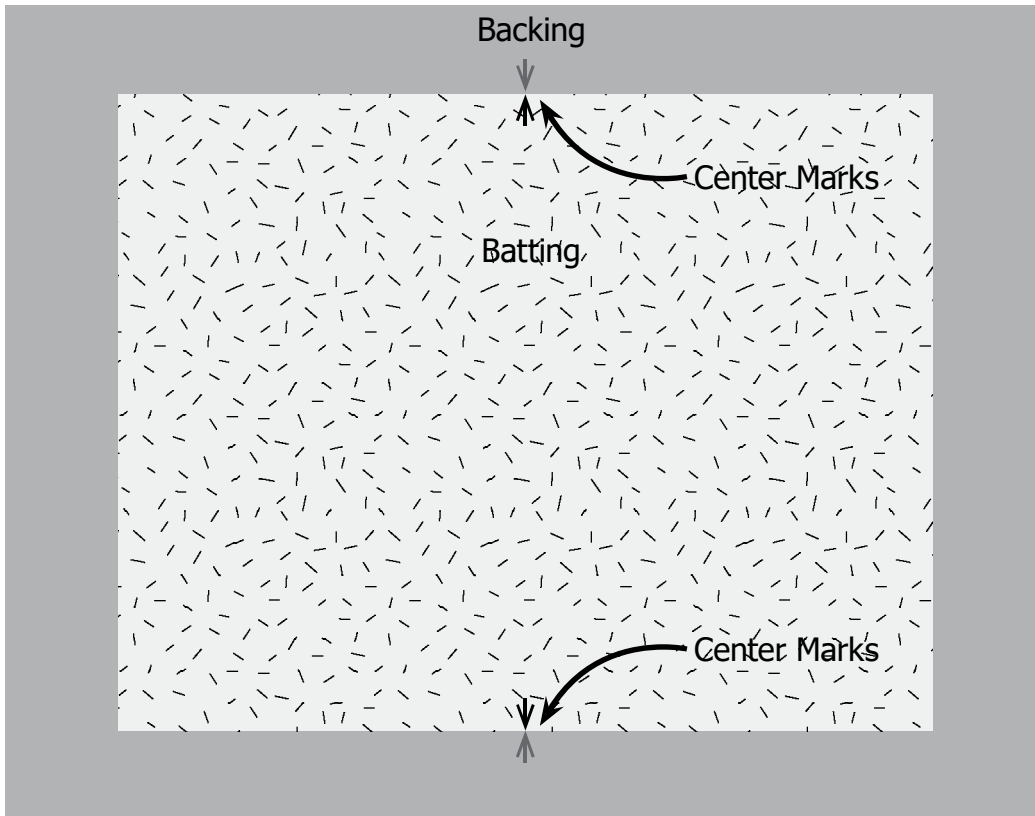
Tools Needed:

Pins or Masking Tape

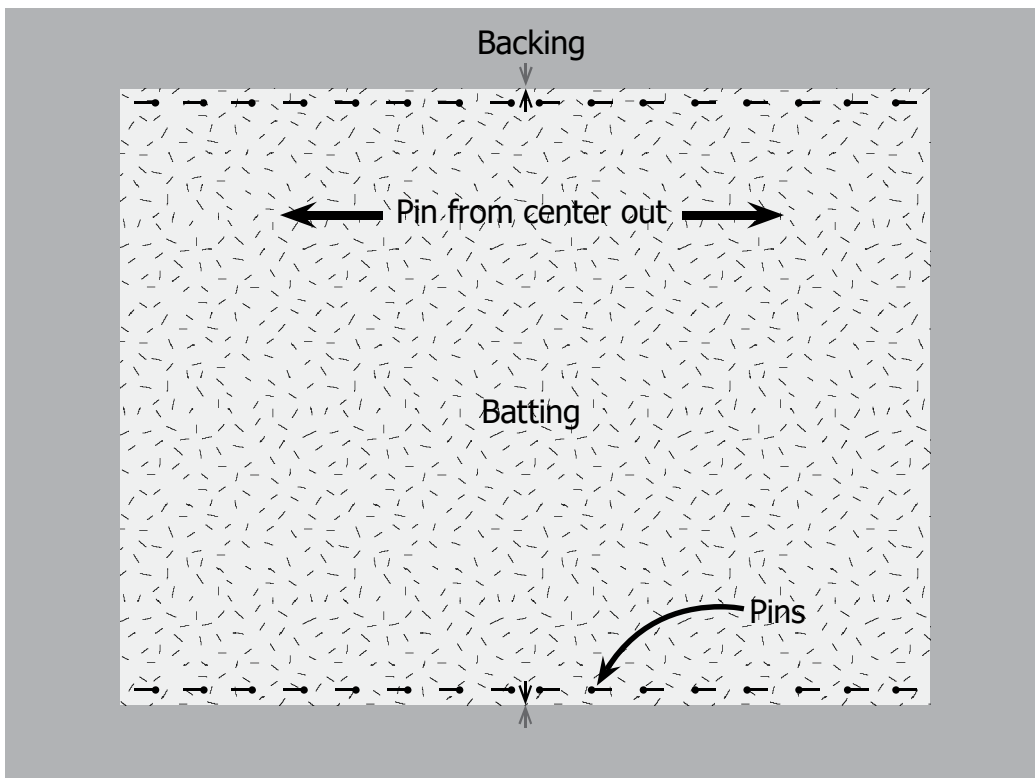


1-1 Cut your *Backing* **12 in** longer and wider (**6 in** in all directions) than your *Quilt Top Material*. Cut your *Batting* **8 in** longer and wider (**4 in** in all directions) than your *Quilt Top Material*.

## Without Cloth Leaders | Q-Zone Hoop Frame

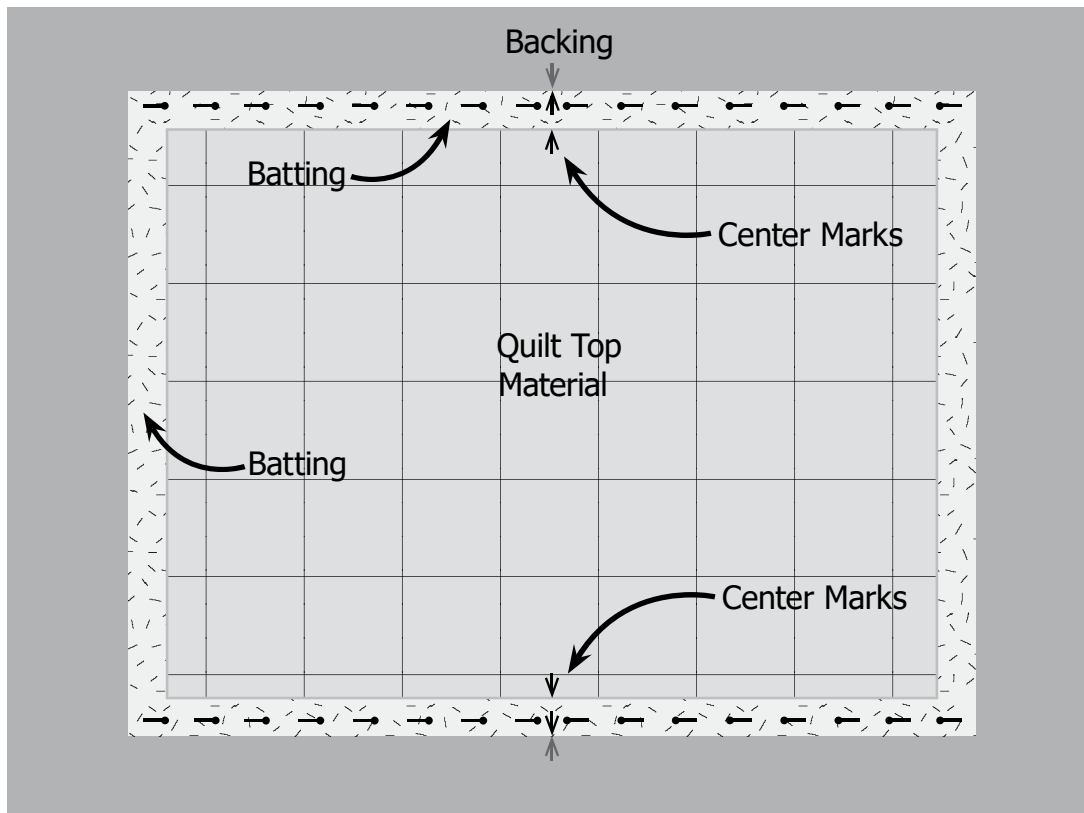


1-2 Find the center on your *Batting* on both the front and back rail edges and mark it. Lay your *Batting* centered on top of your *Backing* with the visible side down and with the center marks aligned.

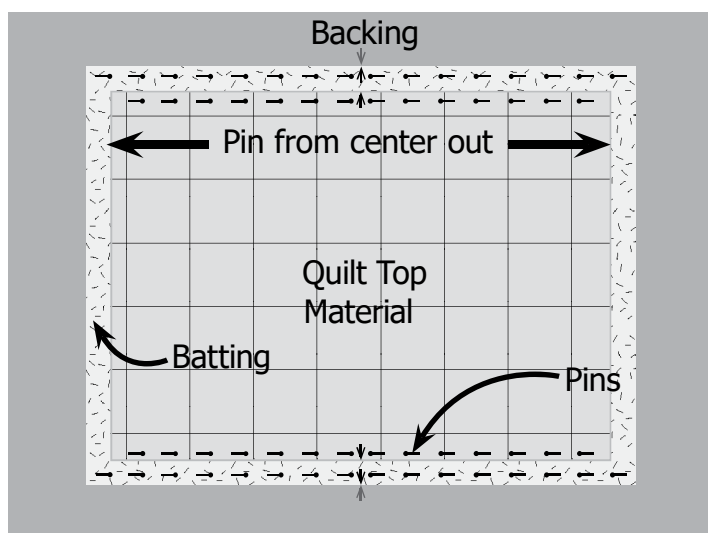


1-3 Pin the *Batting* to the *Backing* from the center out on both the top and bottom edges of the *Batting*.

## Without Cloth Leaders | Q-Zone Hoop Frame



1-4 Find the center on your *Quilt Top Material* on both the front and back rail edges and mark it. Lay your *Quilt Top Material* with the visible side up centered on top of your *Batting* with the center marks aligned.



1-5 Pin the *Quilt Top Material* to the *Batting* and *Backing* from the center out on both the top and bottom edges of the *Quilt Top Material*.



1-6 Roll the quilt up toward the back of the quilt. Leave about 2 feet unrolled.

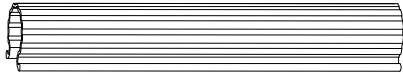
## Without Cloth Leaders | Q-Zone Hoop Frame

### Step 2 – Fabric to Frame

Parts Needed:



**Front Fabric Clip (2)**



**Side Fabric Clip (2)**

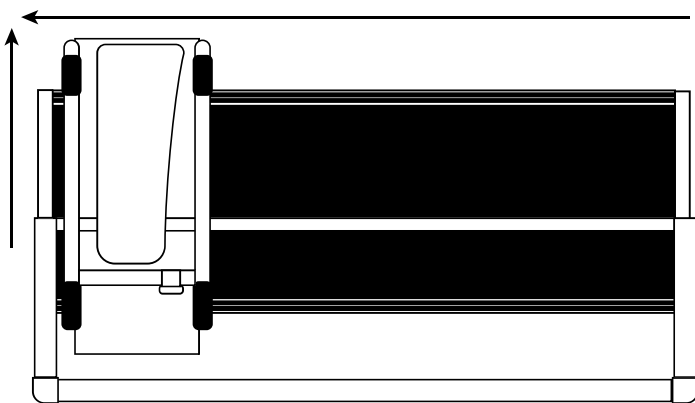


**Fabric Clip (3)**

Tools Needed:

Pins or Masking Tape

Move sewing machine to back-left



2-1 Roll your sewing machine to the far left and back side of the frame.

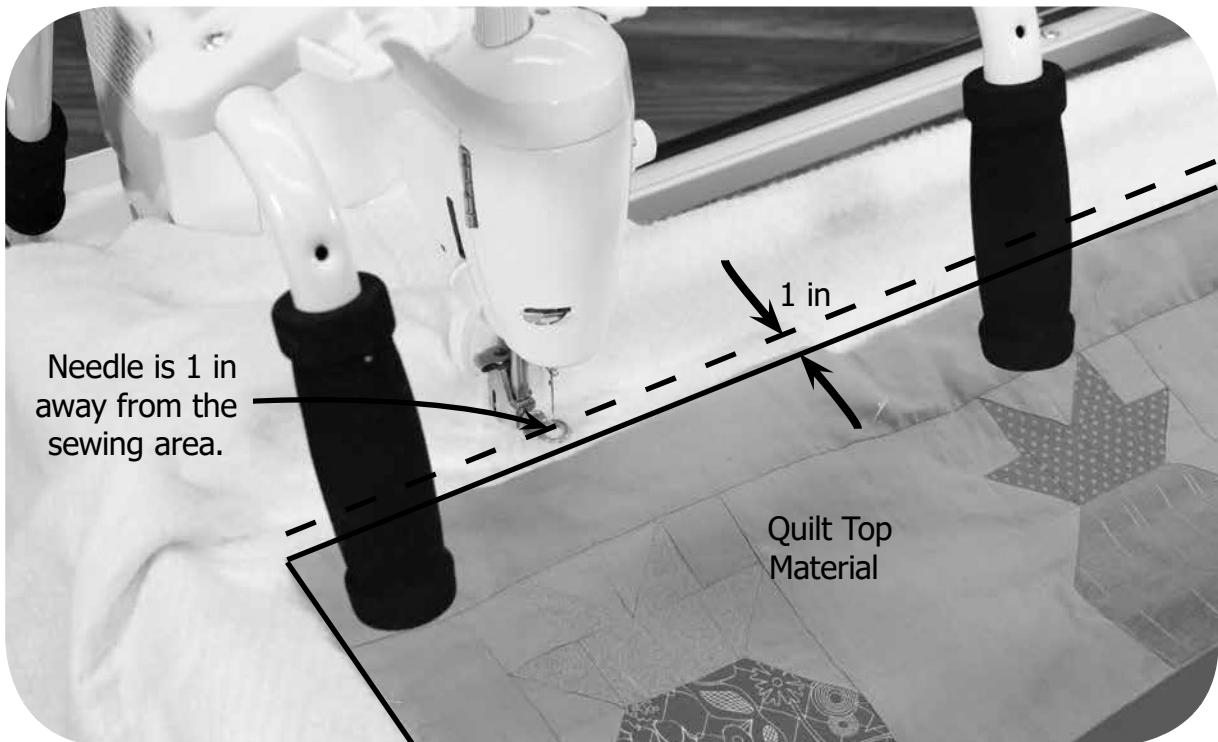


2-2 Lay your rolled fabric onto the hoop area of the quilting frame with the top of the quilt draped over the back long rail.

## Without Cloth Leaders | Q-Zone Hoop Frame



2-3 Pull the fabric through the throat of the machine and under the presser foot.

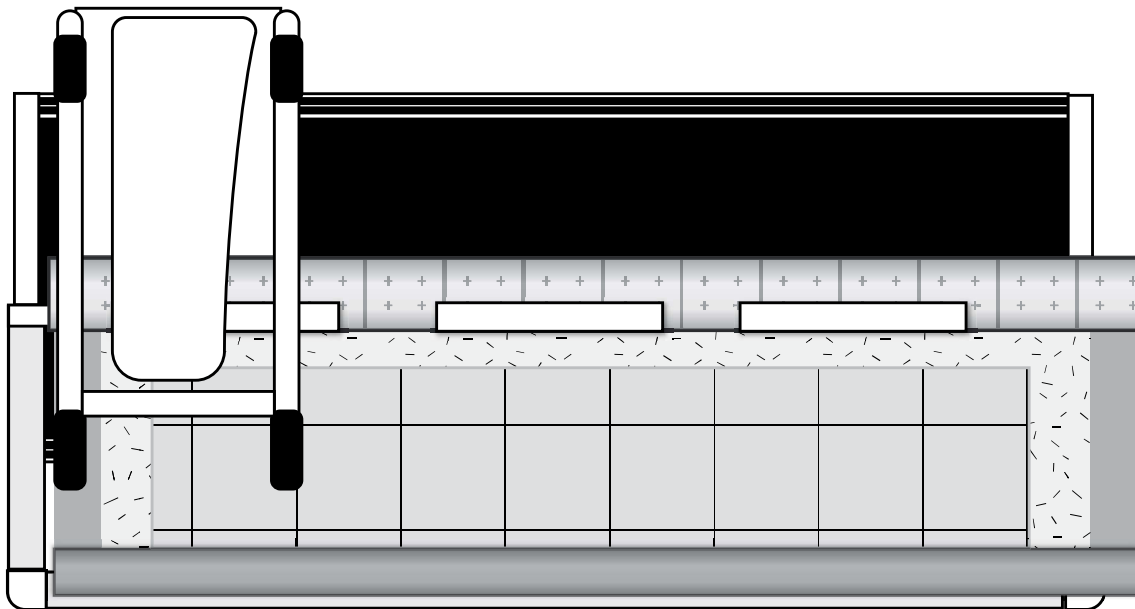


2-4 Roll the sewing machine to the back of the frame until it touches the back long rail. Then position the fabric so that the *Quilt Top Material* edge is approximately 1 inch away from the needle. While moving the sewing machine across the frame, adjust the *Quilt Top Material* so it is 1 inch away from the needle when the machine is touching the back long rail at any point while moving the machine across the frame.

## Without Cloth Leaders | Q-Zone Hoop Frame



2-5 Lay the Quilt over the back long rail of the quilting frame. Push one of the *Fabric Clips* over the top of the rail until it snaps into place. Check that your machine reaches the desired quilting area and if necessary remove the *Fabric Clip*, readjust your quilt placement and place the *Fabric Clip* on again.



2-6 Repeat with the remaining (2) *Fabric Clips* while keeping the *Quilt Top Material* straight across the frame.

## Without Cloth Leaders | Q-Zone Hoop Frame



2-7 Unroll the *Quilt* towards you and down until it reaches the ground. Smooth it out to remove any wrinkles.



2-8 Use the straps on the back long rail to keep the extra quilt secured away from your sewing area. Roll the remaining *Back Rail Cloth Leader* and position it on top of the back long rail. Pull the straps over the roll of fabric and hook them onto the front edge of the *Fabric Clip*. Hold the *Fabric Clip* while you pull the end of the strap to tighten it in place. Repeat this for the other (2) *Fabric Clips*.

## Without Cloth Leaders | Q-Zone Hoop Frame



2-9 **Step A:** Push the top curved edge of the *Front Fabric Clip* onto the top Corner of the rail.  
**Step B:** Snap it into place over the *Quilt*.

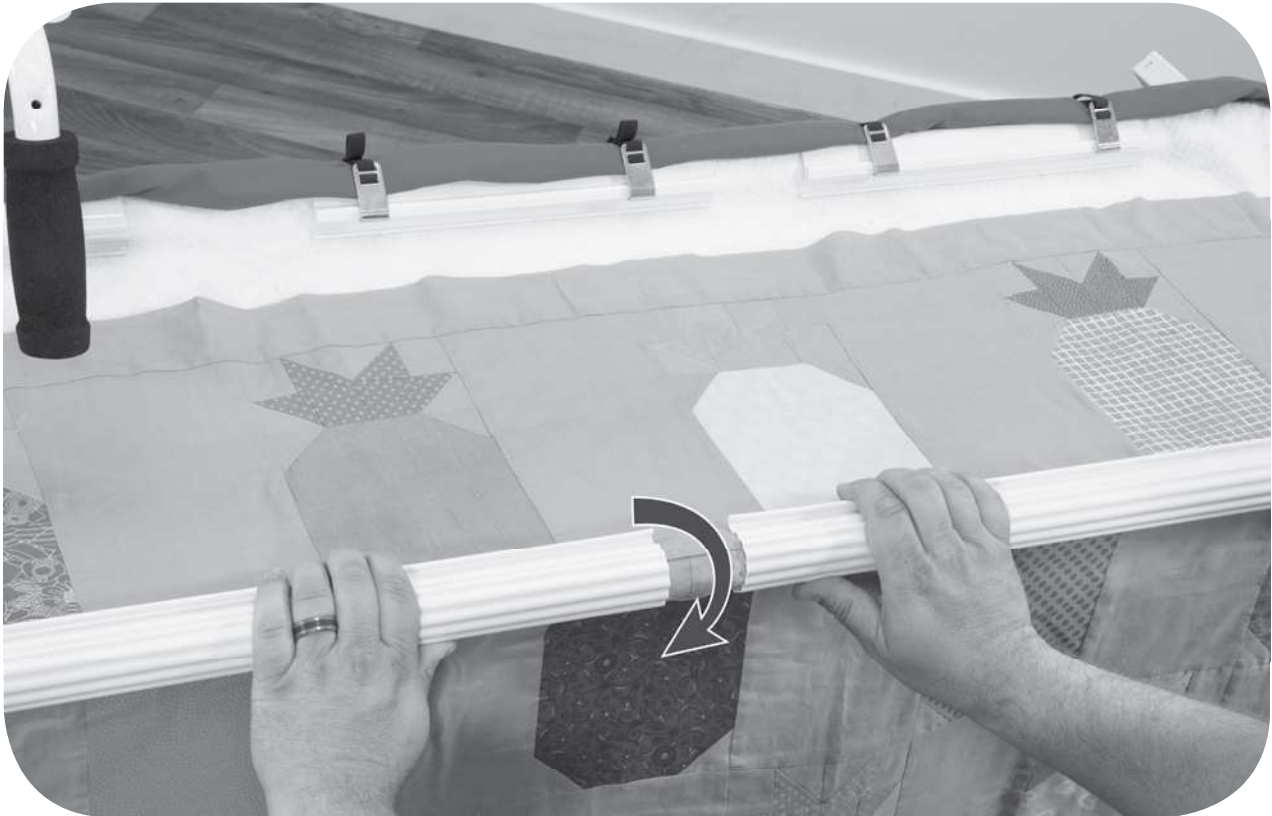
2-10 Repeat with the other *Front Fabric Clip*.



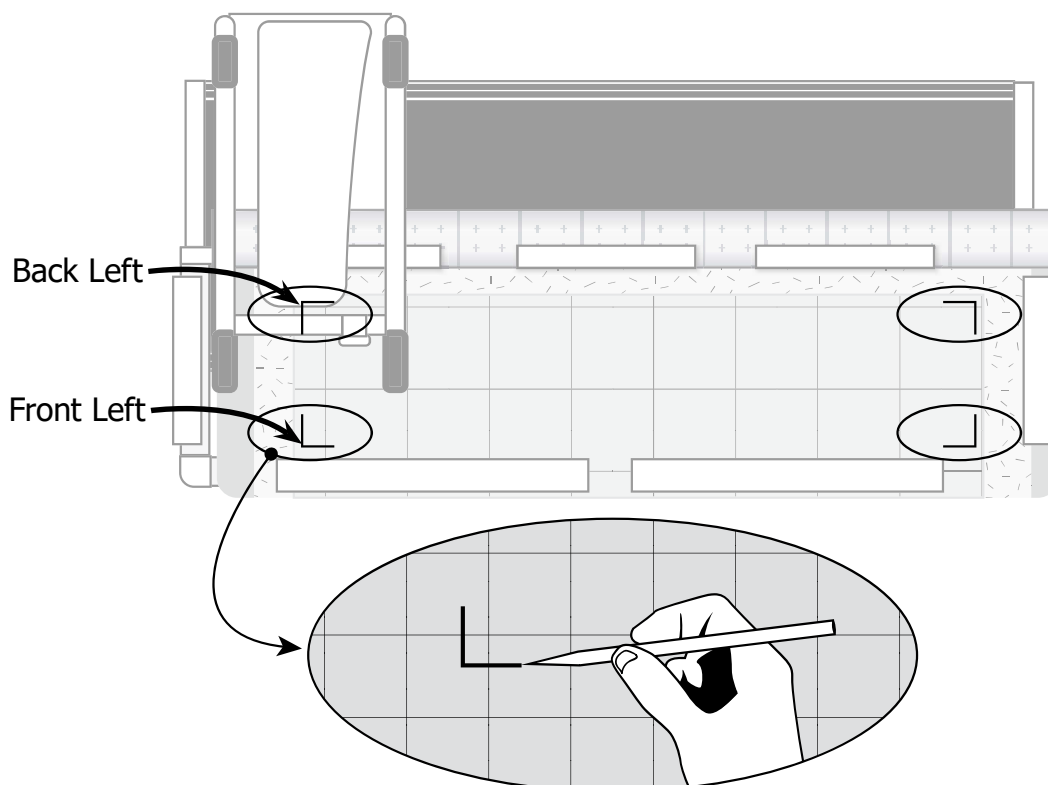
2-11 Clamp the quilt to the side rails with the *Side Fabric Clips* in the same manner as before.



## Without Cloth Leaders | Q-Zone Hoop Frame



2-12 To add tension to the fabric, twist the *Front Fabric Clips* toward you a click or two (take care not to stretch the fabric).

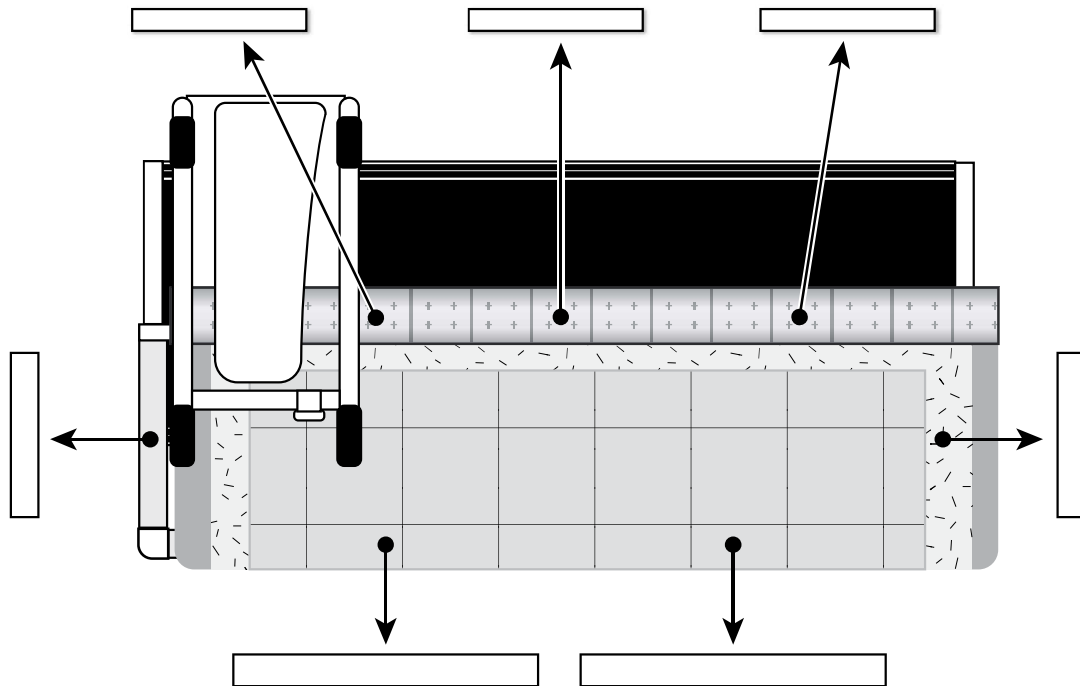


2-13 Mark your sewing area by moving your machine as far as possible to the back left and make a mark with chalk, tape, or a pin. Pull the machine forward toward the front rail as far as possible and mark again. Roll machine to the right of the frame and repeat the process.

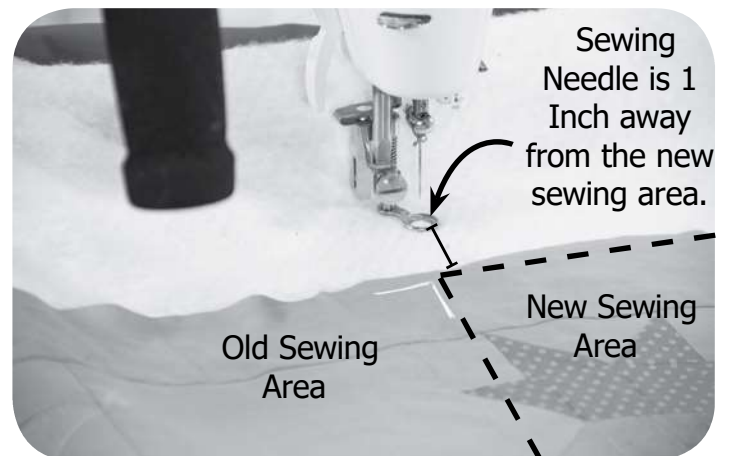
***You are now ready to begin sewing.***

## Without Cloth Leaders | Q-Zone Hoop Frame

### Step 3 – Moving Fabric to a New Quilting Zone

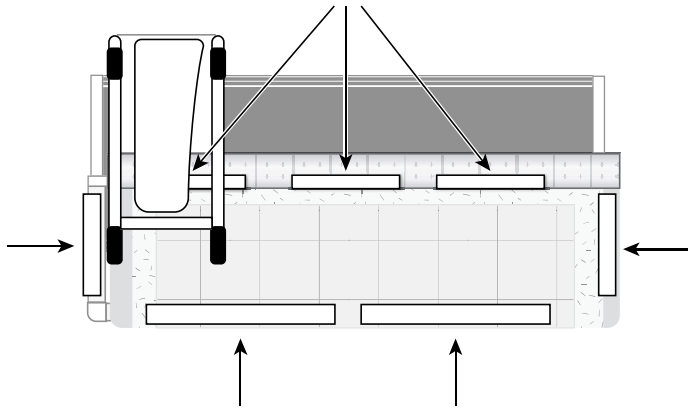


3-1 Remove all *fabric clips*. Make sure the sewing machine's needle is out of the fabric. Roll the sewing machine to the far left back side of the frame.

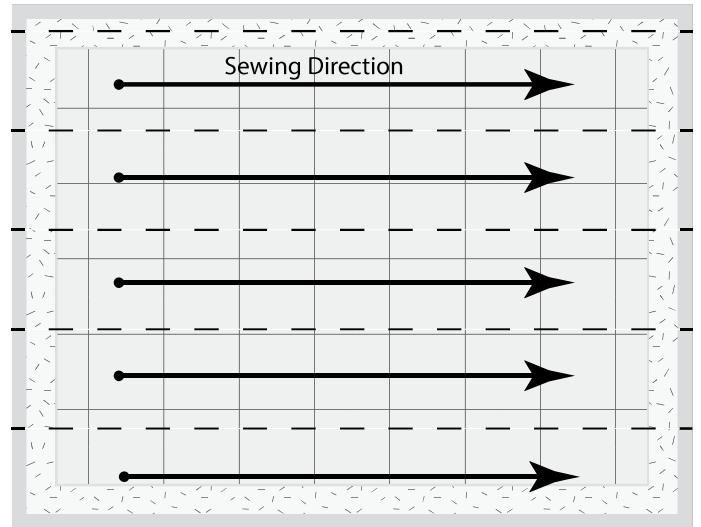


3-2 Slide the fabric across the frame to the new sewing area to your left. Confirm that your desired start point is within the new sewing area. Make sure the sewing machine is pushed all the way back and pull the fabric toward the back of the machine until the already sewn area is about 1 inch in front of the needle.

## Without Cloth Leaders | Q-Zone Hoop Frame



3-3 Clamp the fabric in place using the same method as before. Be sure not to stretch the fabric.



3-4 After having finished your 1st row, pull the fabric to the right so that you can start your next row sewing from left to right. Continue in this pattern until your quilt is complete.

# Using Bungee Clamps for Smaller Projects

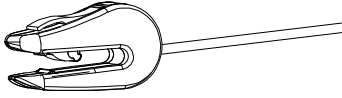
**The included Bungee Clamps will allow you to use your frame for smaller projects.**



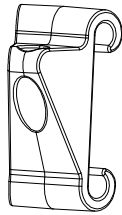
## Bungee Clamps | Q-Zone Hoop Frame

### Step 1 – Bungee Clamp Setup for Smaller Projects

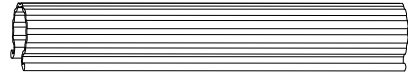
Parts Needed:



**Bungee Clamp  
Assembly (4)**



**Bungee Mount (2)**



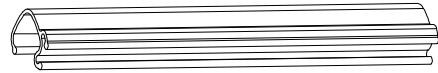
**Side Fabric Clip (2)**



**Front Fabric Clip  
(2)**



**Bungee Stop (4)**



**Fabric Clip (3)**

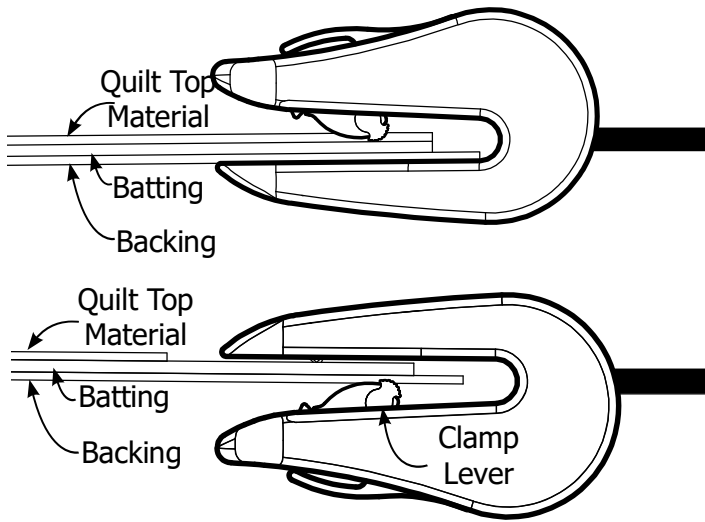


1-1 Press the *Side Fabric Clip* onto the bottom of the side rail.



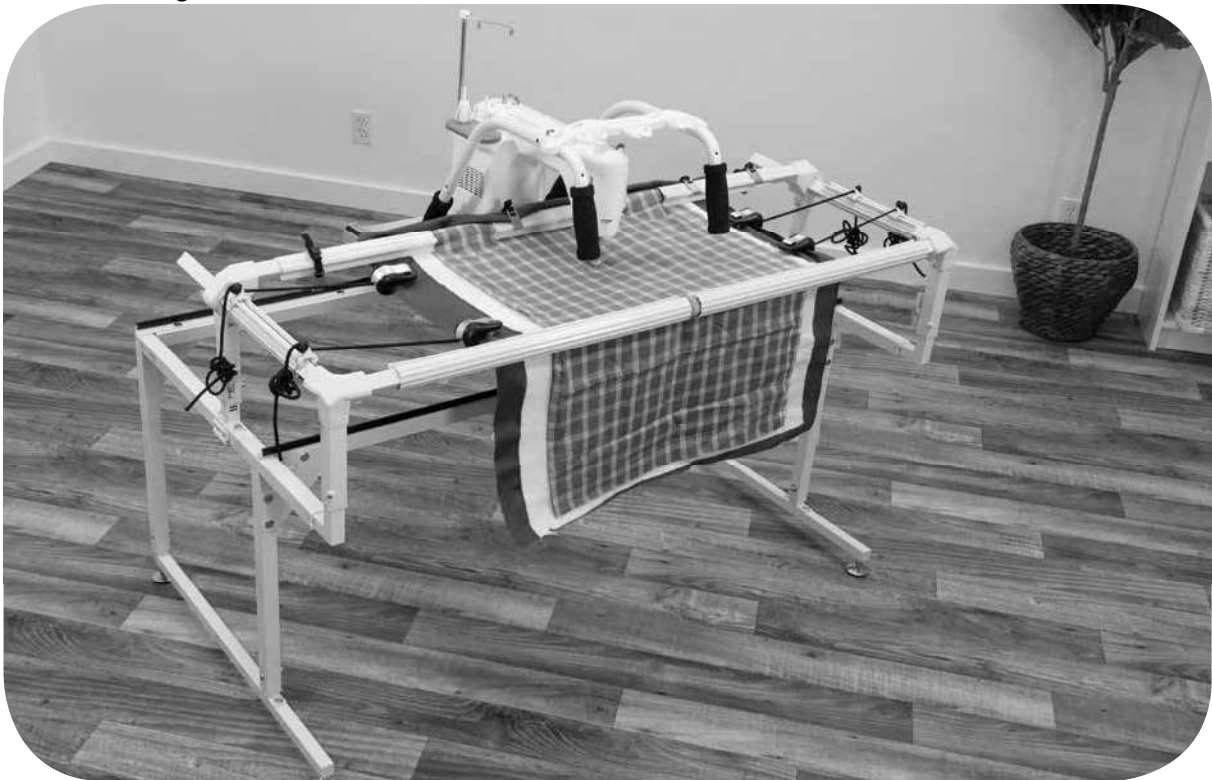
1-2 Slide the *Bungee Mounts* onto the *Side Fabric Clip* from the side.

## Bungee Clamps | Q-Zone Hoop Frame



1-3 Slip the *Quilt Top Material*, *Batting* and *Backing* into the mouth of each *Bungee Clamp*. If the clamp lever is on the *Batting*, flip the clamp over so that the lever is gripping the *Backing* instead of the *Batting*.

1-4 Slide the bungee cords through the holes on the *Bungee Mounts* and attach the *Bungee Stop* to the end of each cord.



1-5 Center your project on the frame, secure it onto the back and front rails with the *Front Fabric Clips* and *Fabric Clips* and enjoy quilting.