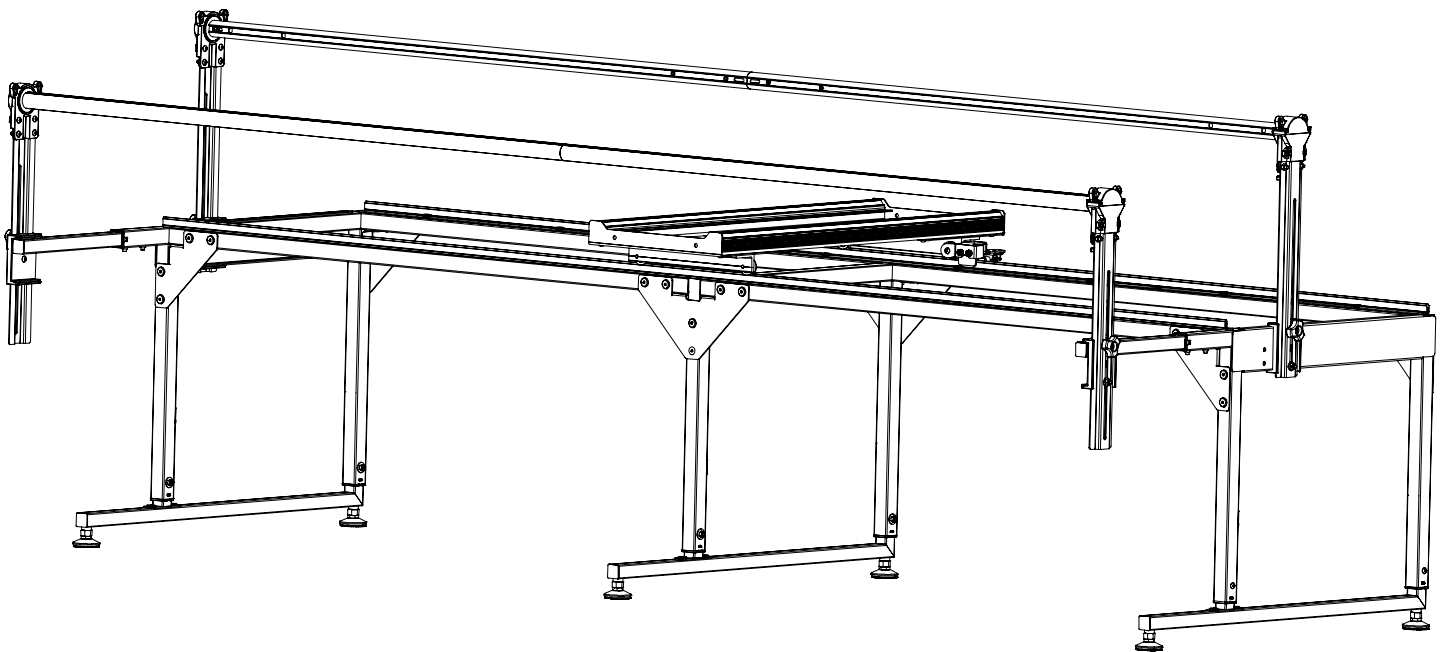


Q-Zone Queen

Assembly Instructions



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Version 1.16

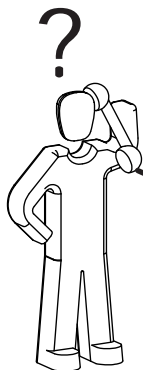
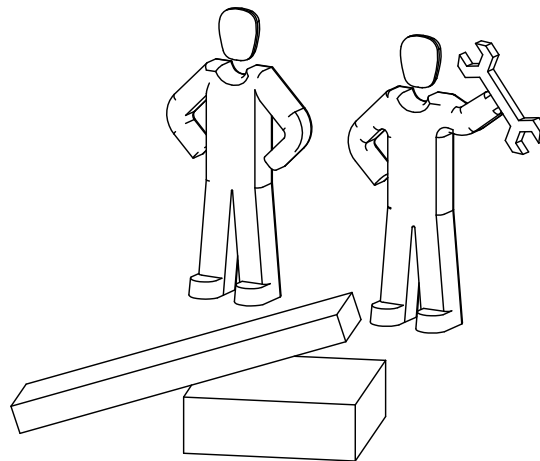
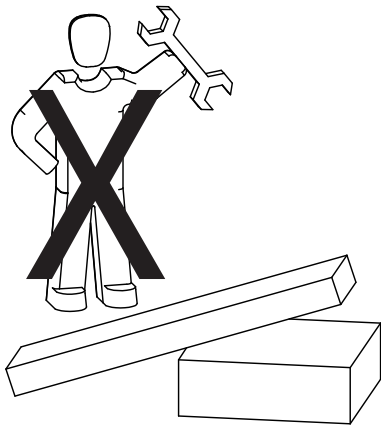
MADE BY
Grace

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Warranty Information for your Q-Zone Queen Quilting Frame

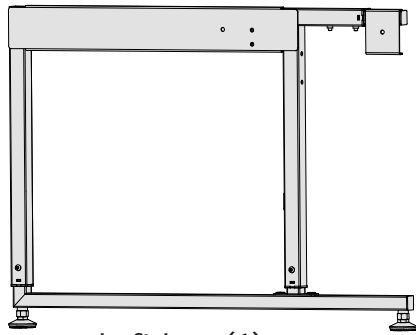
The Q-Zone Queen Quilting Frame has a One-Year limited warranty on all parts. The Grace Company will repair or replace, at its discretion, any part with problems due to our manufacturing or defects in materials. This warranty does not cover parts damaged through misuse, improper storage, improper assembly, 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.



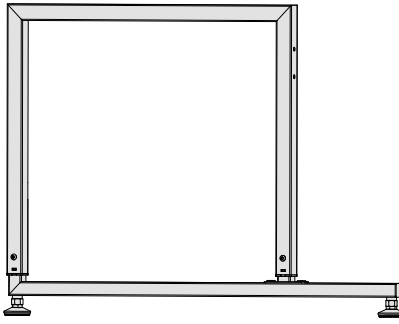
1-800-264-0644

The *Grace*
Company
Fine Quilting Frames

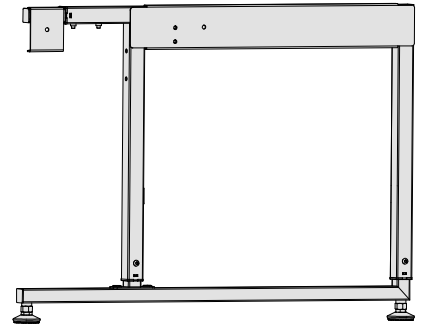
Parts List Box 1



Left Leg (1)
(QZF-09-13058)

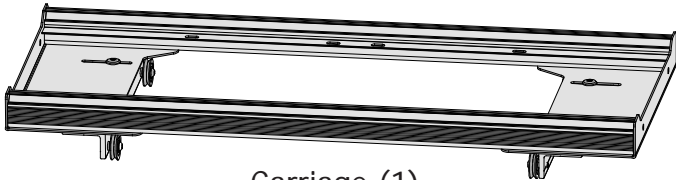


Middle Leg (1)
(QZF-09-13059)

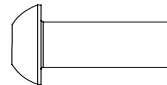


Right Leg (1)
(QZF-09-13060)

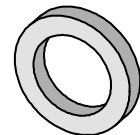
Carriage Box



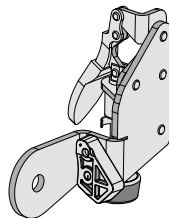
Carriage (1)
(ACC-09-13057)



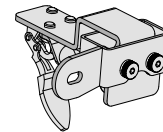
M6 x 20mm SBHCS (1)
(HDW-03-10088)



Channel Lock Washer (1)
(CNT-04-11580)

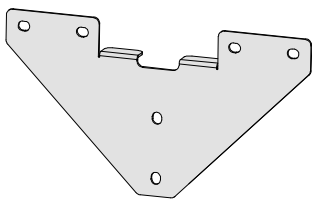


Machine Channel Lock (1)
(ACC-09-13057)

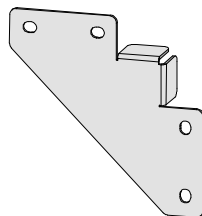


Carriage Channel Lock (1)
(ACC-09-1056)

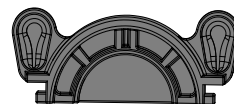
Hardware Box



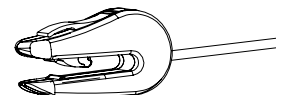
Middle Leg Brace (2)
(QZF-04-12060)



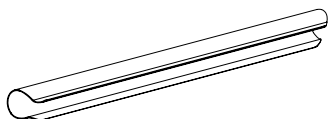
Corner Brace (4)
(QZF-04-12031)



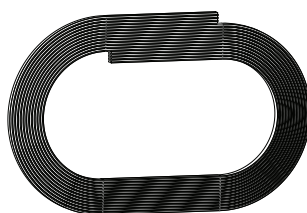
Ratchet Cover (2)
(QZF-05-10315)



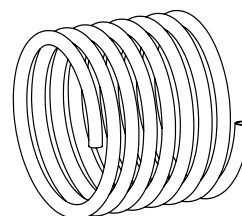
Bungee Clamp Assembly (4)
(ACC-01-10261)



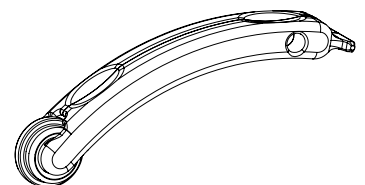
C-Clamp (4)
(QZF-05-10621)



Long Track (2)
(QZF-05-12057)



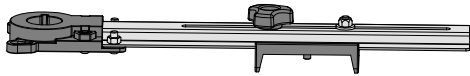
Fabri-Fast Tubing (2)
(PLA-05-10408)



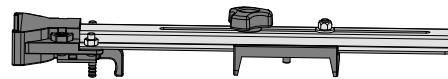
FabriFast Tool (1)
(ACC-05-10417)

Parts List Box 1 (Continued)

Rail Holder Bracket Box

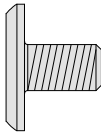


Rail Holder Left Bracket (2)
(QZF-09-13128)

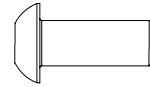


Rail Holder Right Bracket (2)
(QZF-09-13129)

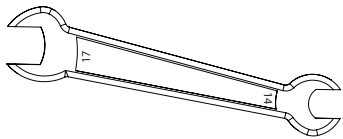
Bagged Hardware



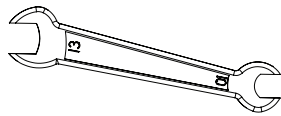
M6 x 10mm Connector Bolt (48)
(HDW-03-10953)



M6 x 16mm SBHCS (4)
(HDW-03-10974)



14mm & 17mm Open
End Wrench (1)
(HDW-03-12068)



10mm & 13mm Open
End Wrench (1)
(HDW-03-10743)



3mm Allen
Wrench (1)
(HDW-03-10166)



4mm Allen
Wrench (1)
(HDW-03-10167)

Parts List Box 2



Frame Cross Support Tube (4) (QZF-04-12061)



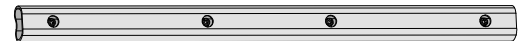
Long Track Support (2) (QZF-04-12058)



Short Track Support (4)
(QZF-04-12059)



Short Track (2)
(QZF-05-12067)



Rail Coupler (2)
(QZF-09-13131)



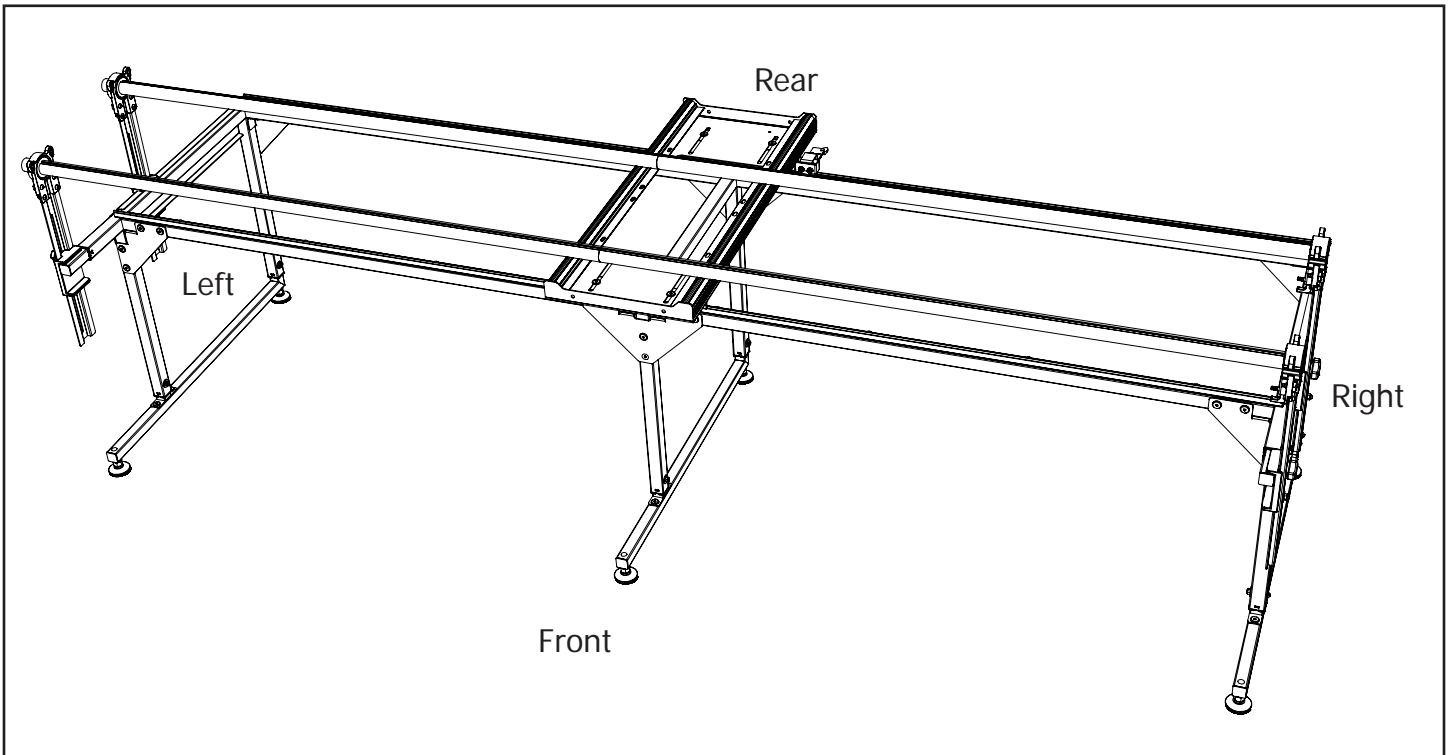
Ratcheting Rail Section (2) (QZF-09-13067)



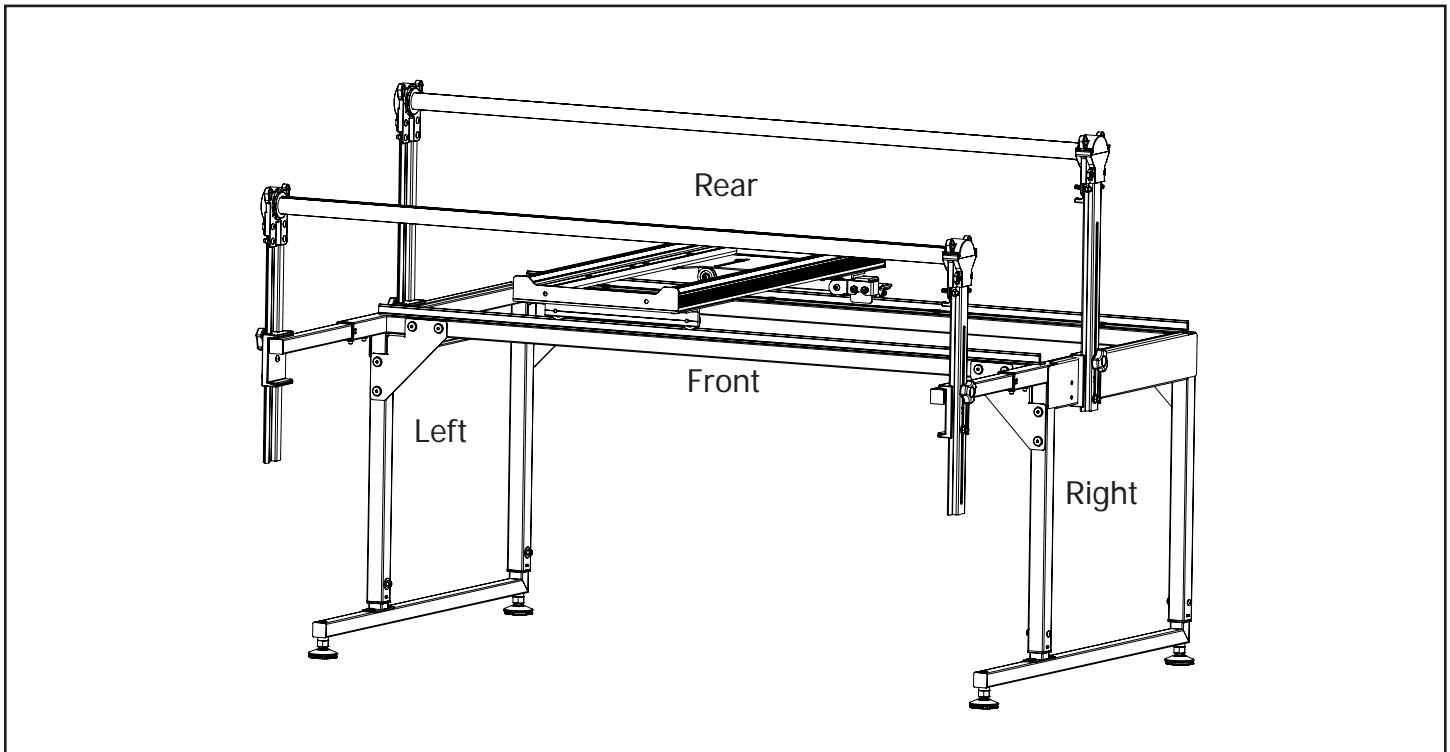
Floating Rail Section (2) (QZF-09-13068)

Assembly Options

Queen Assembly - See Pages 1-17



Crib Assembly - See Pages 18-33

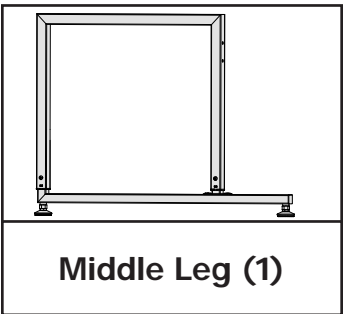
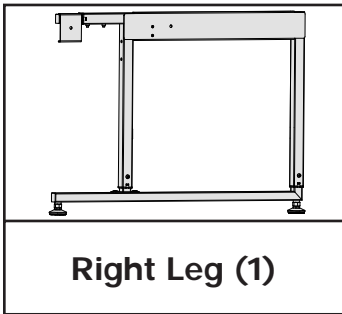
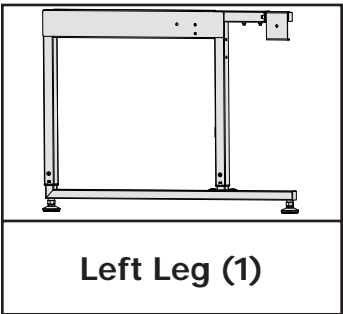


Queen Assembly

Frame End Assembly - Queen Assembly

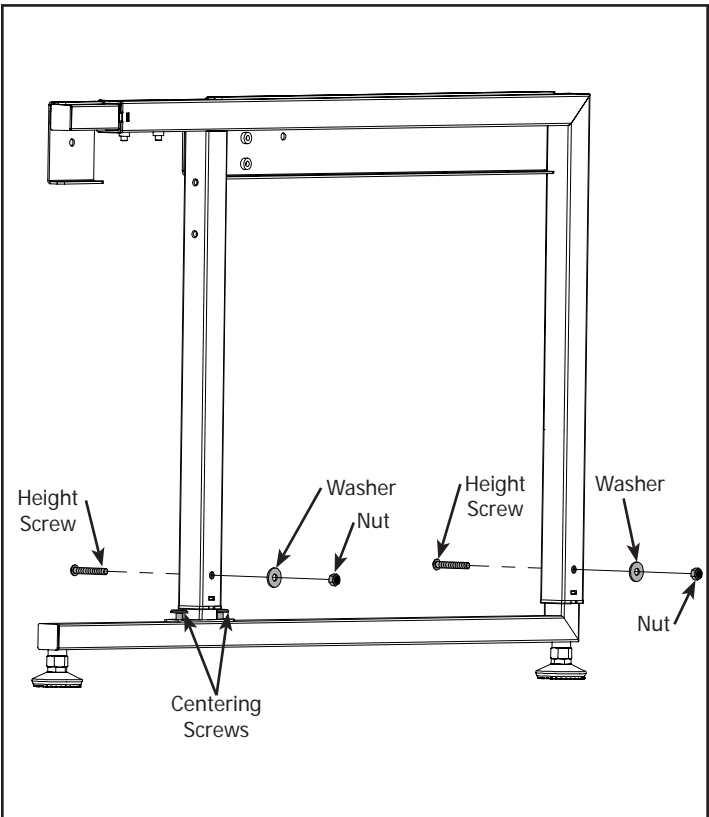
Step 1 - Table Height Setup

Parts Needed:



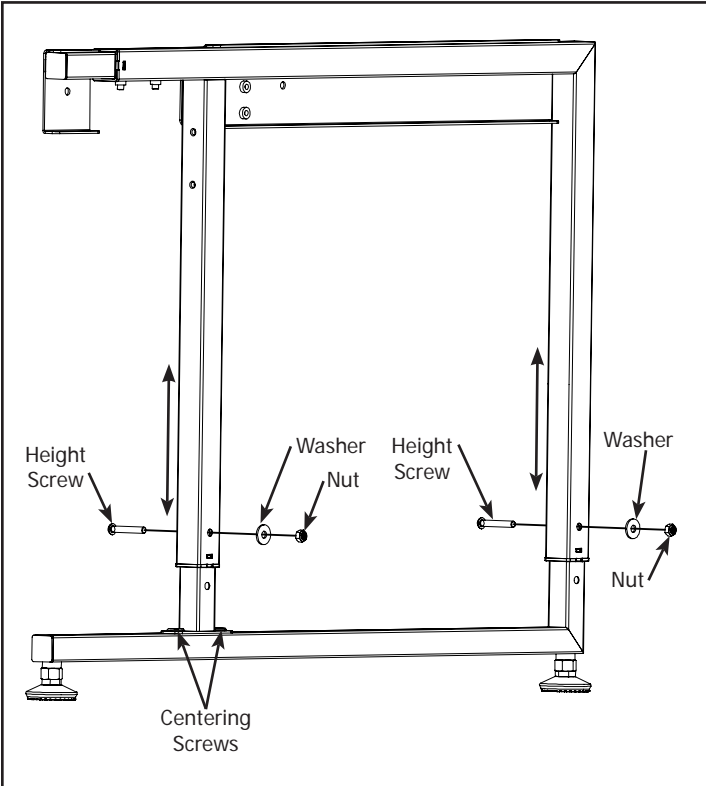
Tools Needed:

4mm Allen Wrench
10mm & 13mm
Open End Wrench



1-1 Remove height screws and loosen centering screws.

Note: Left Leg Shown. Repeat for all legs.



1-2 Adjust table height by sliding legs up or down and replace each height screw and tighten each centering screw.

Note: Repeat for all legs.

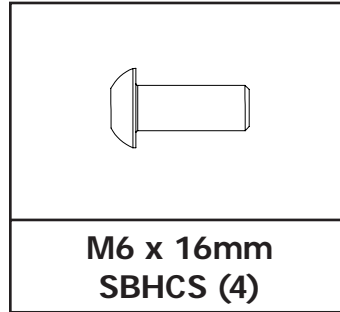
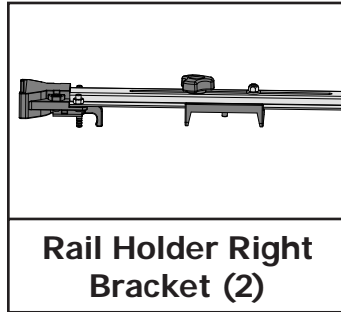
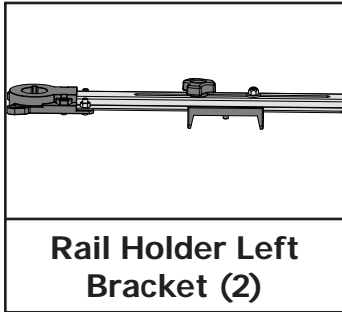
Hole Number	Floor to Top of Fabric
1	31 1/2 Inches
2	32 1/2 Inches
3	33 1/2 Inches
4	34 1/2 Inches
5	35 1/2 Inches
6	36 1/2 Inches
7	37 1/2 Inches
8	38 1/2 Inches
9	39 1/2 Inches
10	40 1/2 Inches

Note: Height will vary slightly after adjusting Leveling Feet in Step 12-1.

Frame End Assembly - Queen Assembly

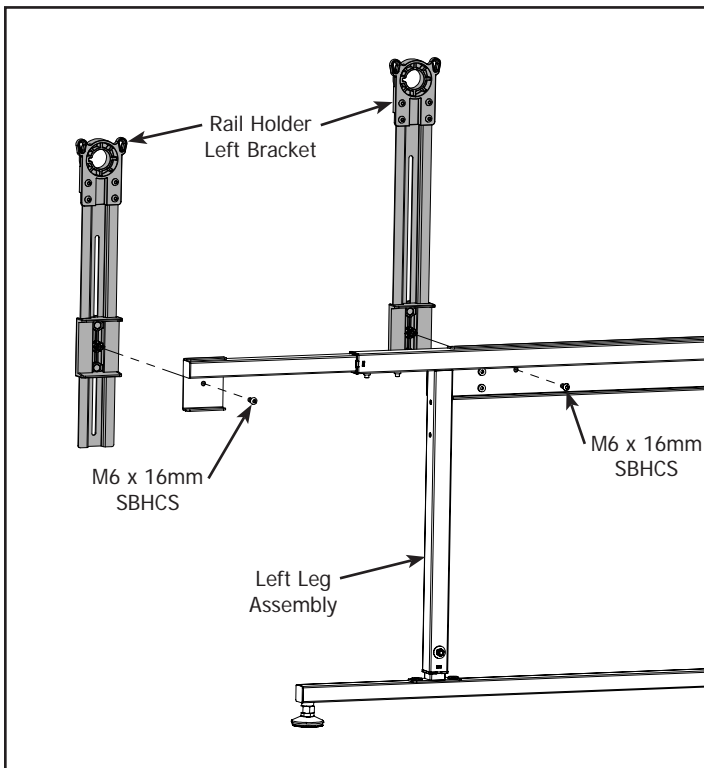
Step 2 - Rail Holder Bracket Installation

Parts Needed:

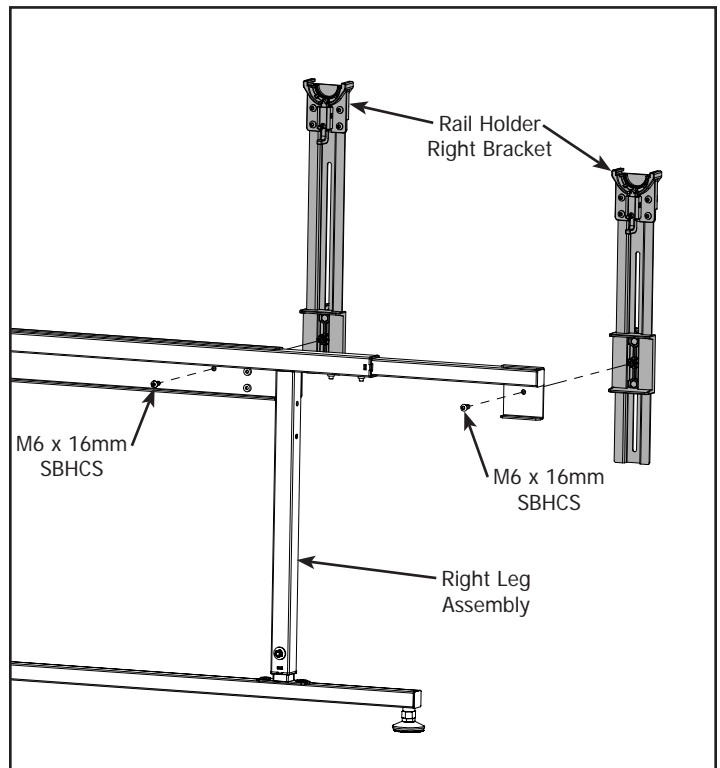


Tools Needed:

4mm Allen Wrench



2-1 Install the (2) Rail Holder Left Brackets to the Left Leg Assembly using (2) M6 x 16mm SBHCS.
Note: Rail Holder Bracket Height will be adjusted in Step 11.

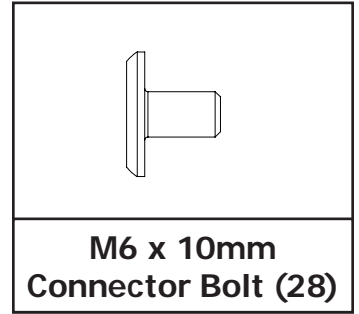
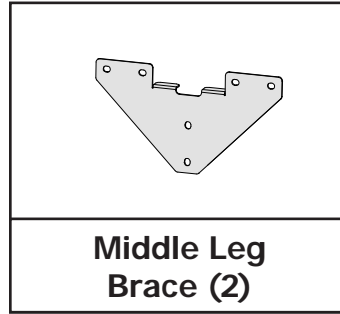
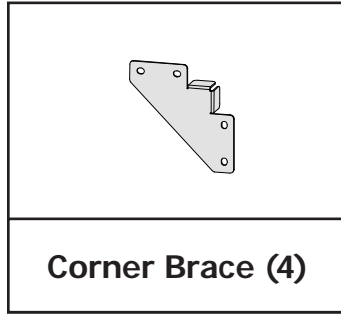
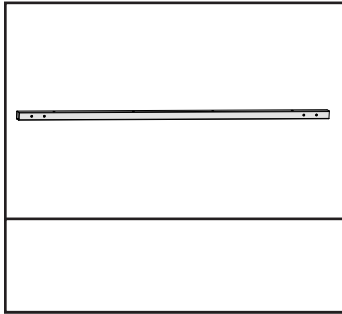


2-2 Install the (2) Rail Holder Right Brackets to the Right Leg Assembly using (2) M6 x 16mm SBHCS.
Note: Rail Holder Bracket Height will be adjusted in Step 11.

Frame Assembly - Queen Assembly

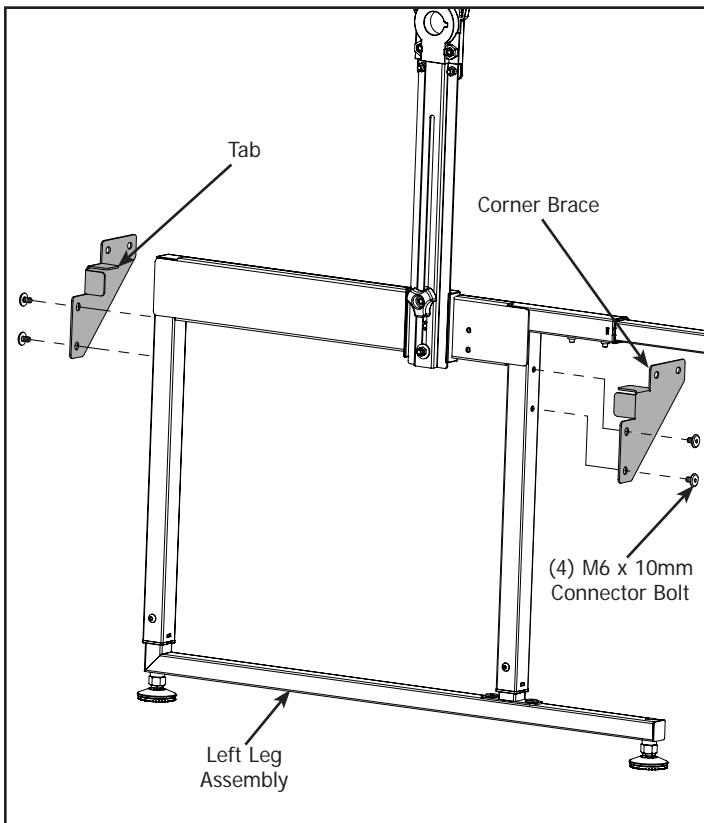
Step 3 - Frame Cross Support Tube Installation

Parts Needed:

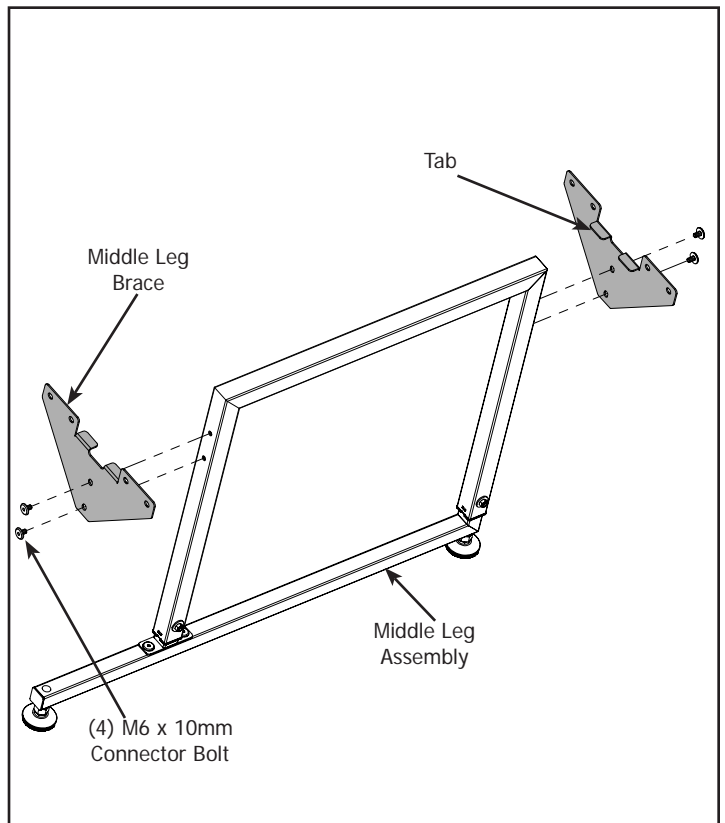


Tools Needed:

4mm Allen Wrench

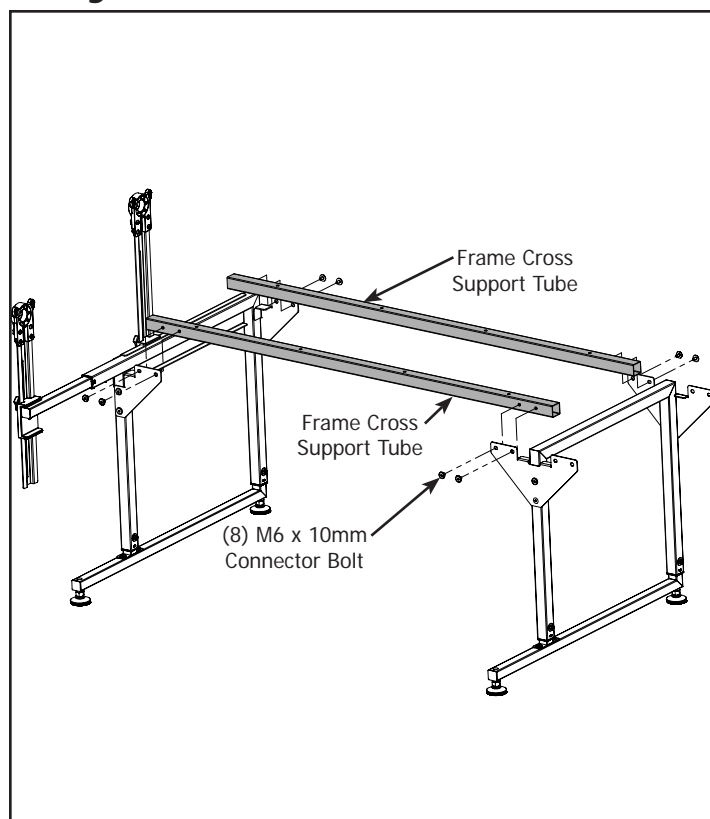
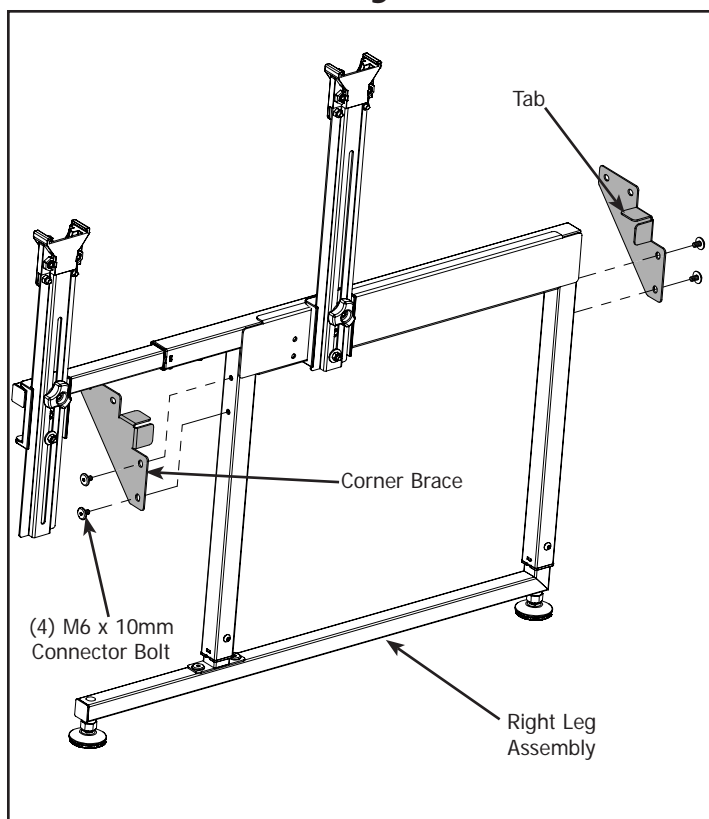


3-1 Install (2) Corner Braces to the Left Leg Assembly with the tabs toward the inside of the leg using (4) M6 x 10mm Connector Bolts.
Note: Leave bolts loose at this time.



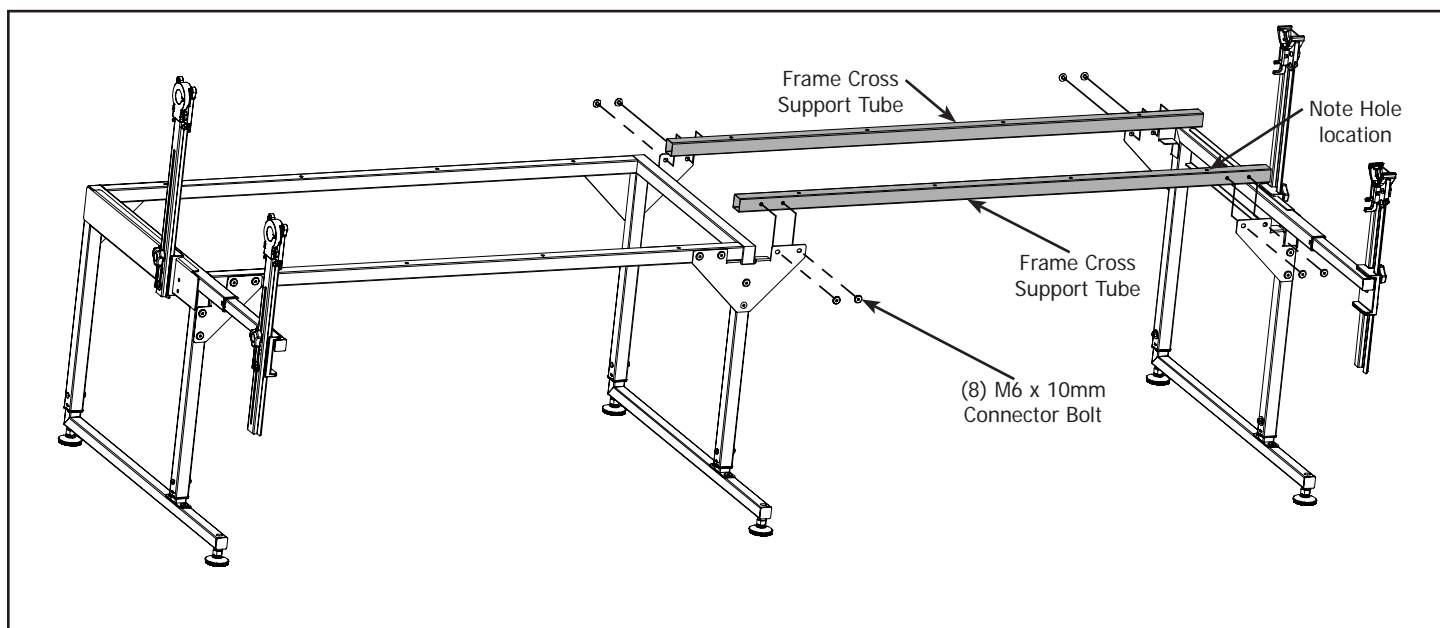
3-2 Install (2) Middle Leg Braces to the Middle Leg Assembly using (4) M6 x 10mm Connector Bolts.
Note: Leave bolts loose at this time.

Frame Assembly - Queen Assembly



3-3 Install (2) Corner Braces to the Right Leg Assembly with the tabs toward the inside of the leg using (4) M6 x 10mm Connector Bolts.

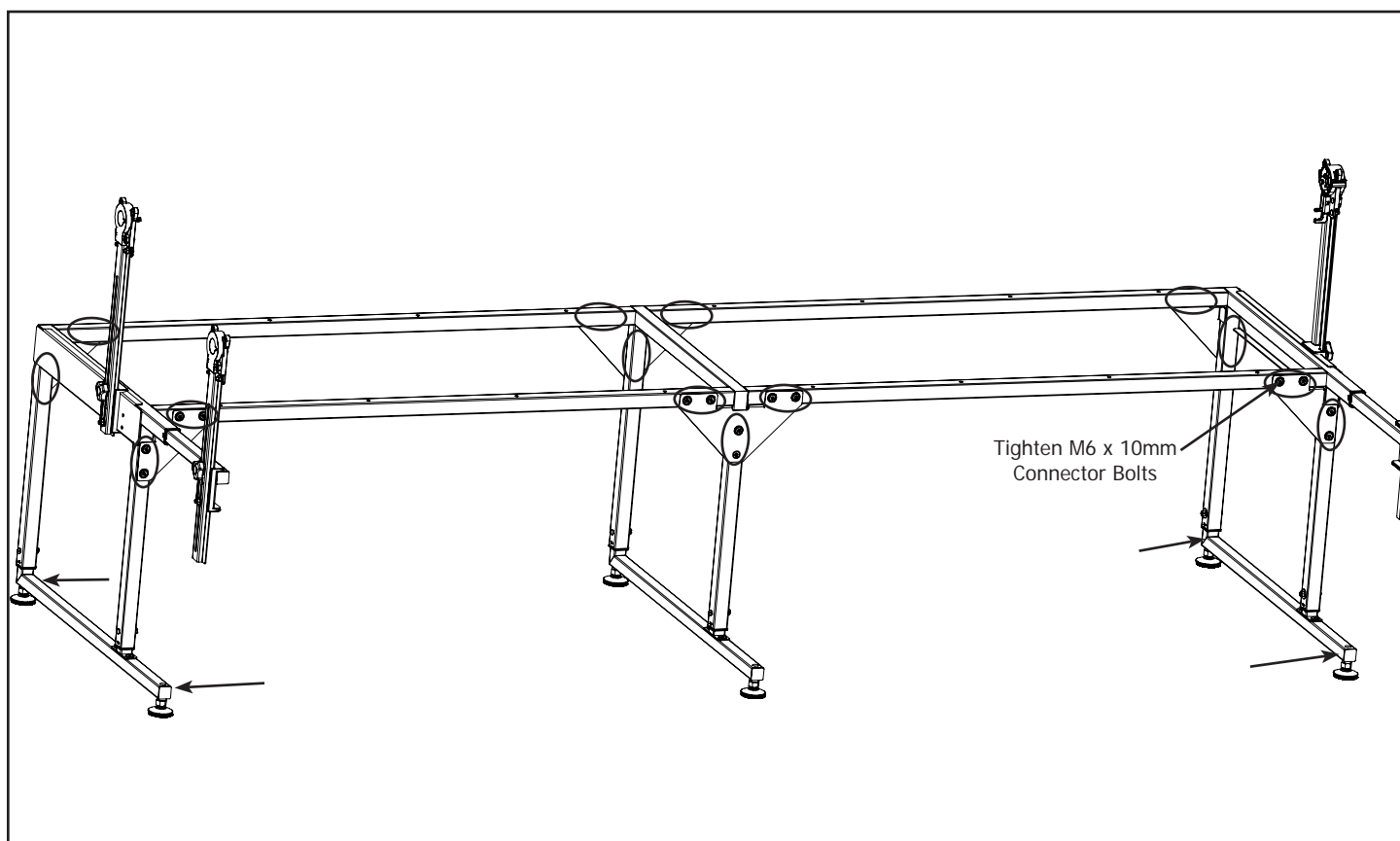
Note: Leave bolts loose at this time.



3-5 Install (2) Frame Cross Support Tubes to the Right Leg Assemblies using (4) M6 x 10mm Connector Bolts. Then assemble the Frame Cross Support Tubes to the Middle Leg using (4) M6 x 10mm Connector Bolts.

Note: Leave bolts loose at this time.

Frame Assembly - Queen Assembly

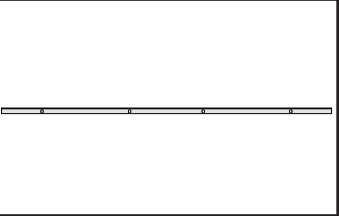
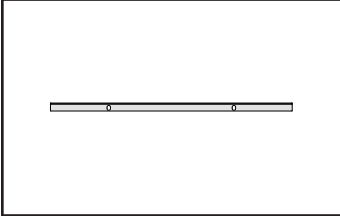
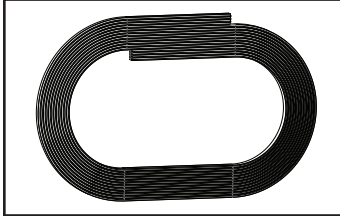
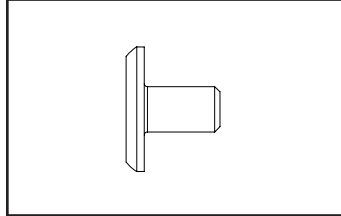


3-6 Push out on the bottom on the right and left leg assemblies and tighten (28) M6 x 10mm Connector Bolts at this time.

Frame Assembly - Queen Assembly

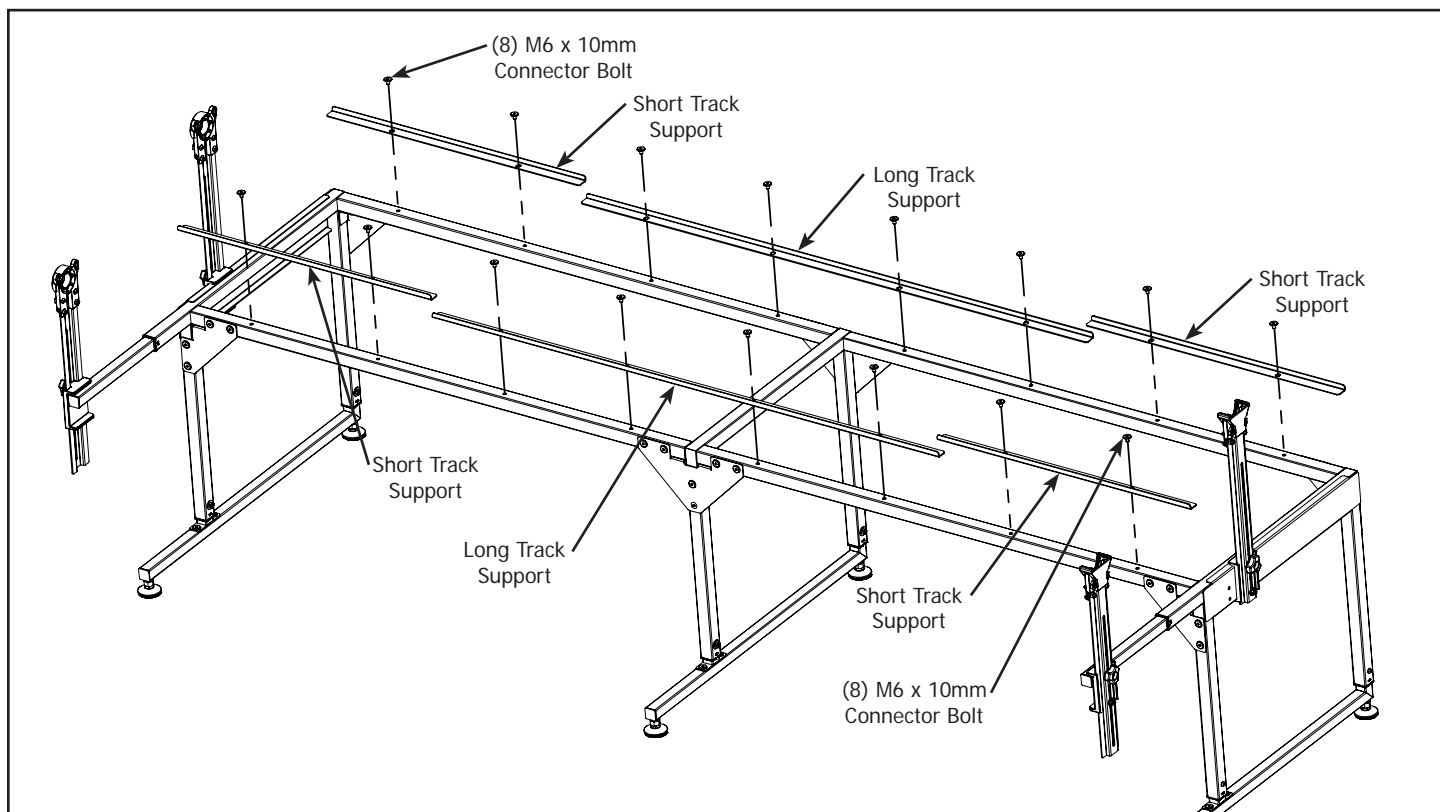
Step 4 - Track Installation

Parts Needed:

			
Long Track Support (2)	Short Track Support (4)	Long Track (2)	M6 x 10mm Connector Bolt (16)

Tools Needed:

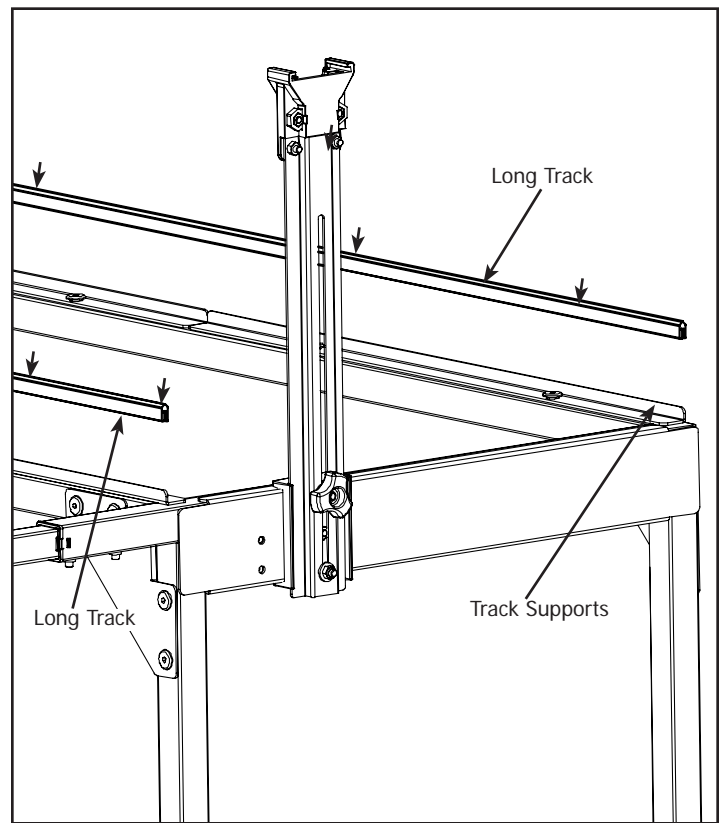
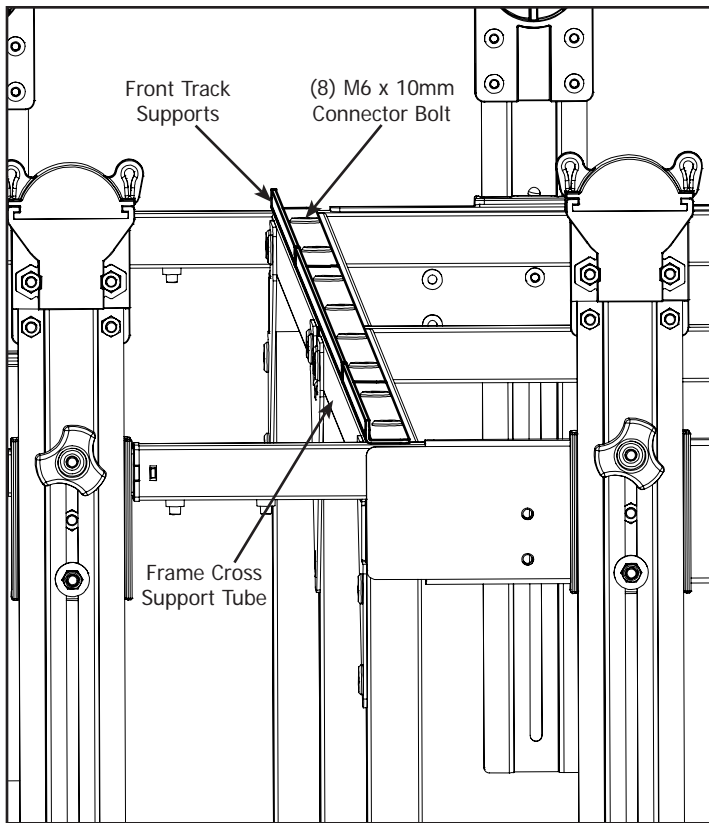
4mm Allen Wrench



4-1 Attach the (4) Short Track Supports and the (2) Long Track Supports using (16) M6 x 10mm Connector Bolts.

Note: Leave bolts loose.

Frame Assembly - Queen Assembly

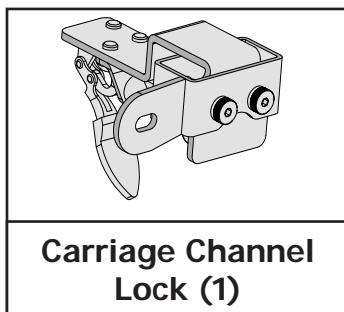
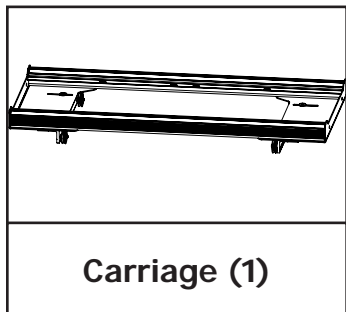


4-3 Press the Long Track firmly onto the Track Supports until it bottoms out making sure there are no gaps between the Track Supports.

Carriage Assembly - Queen Assembly

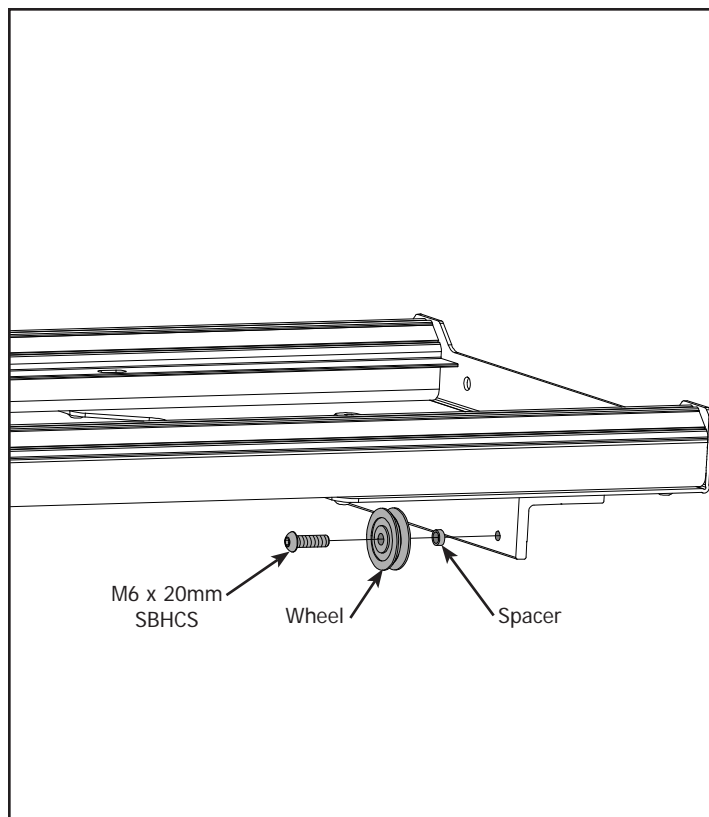
Step 5 - Carriage Installation

Parts Needed:

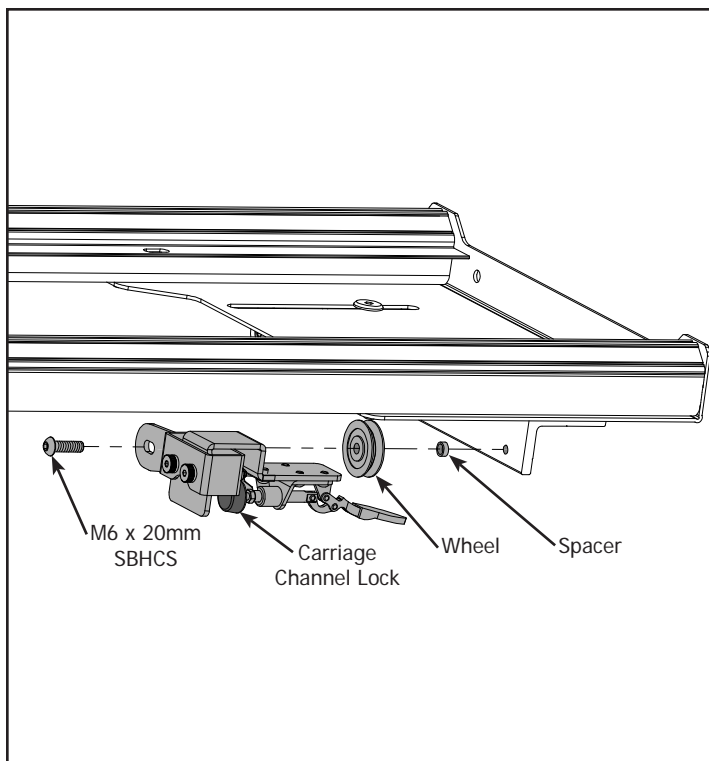


Tools Needed:

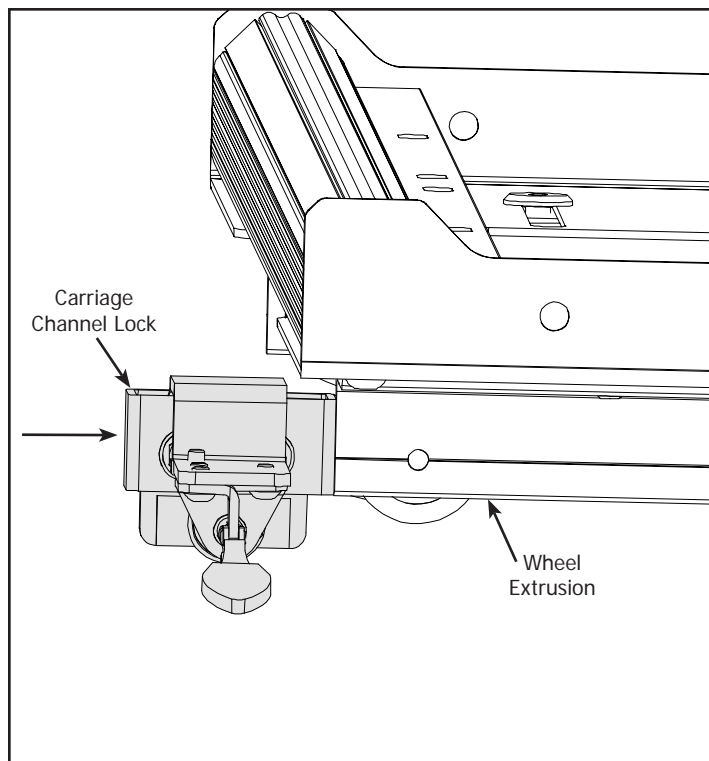
4mm Allen Wrench



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

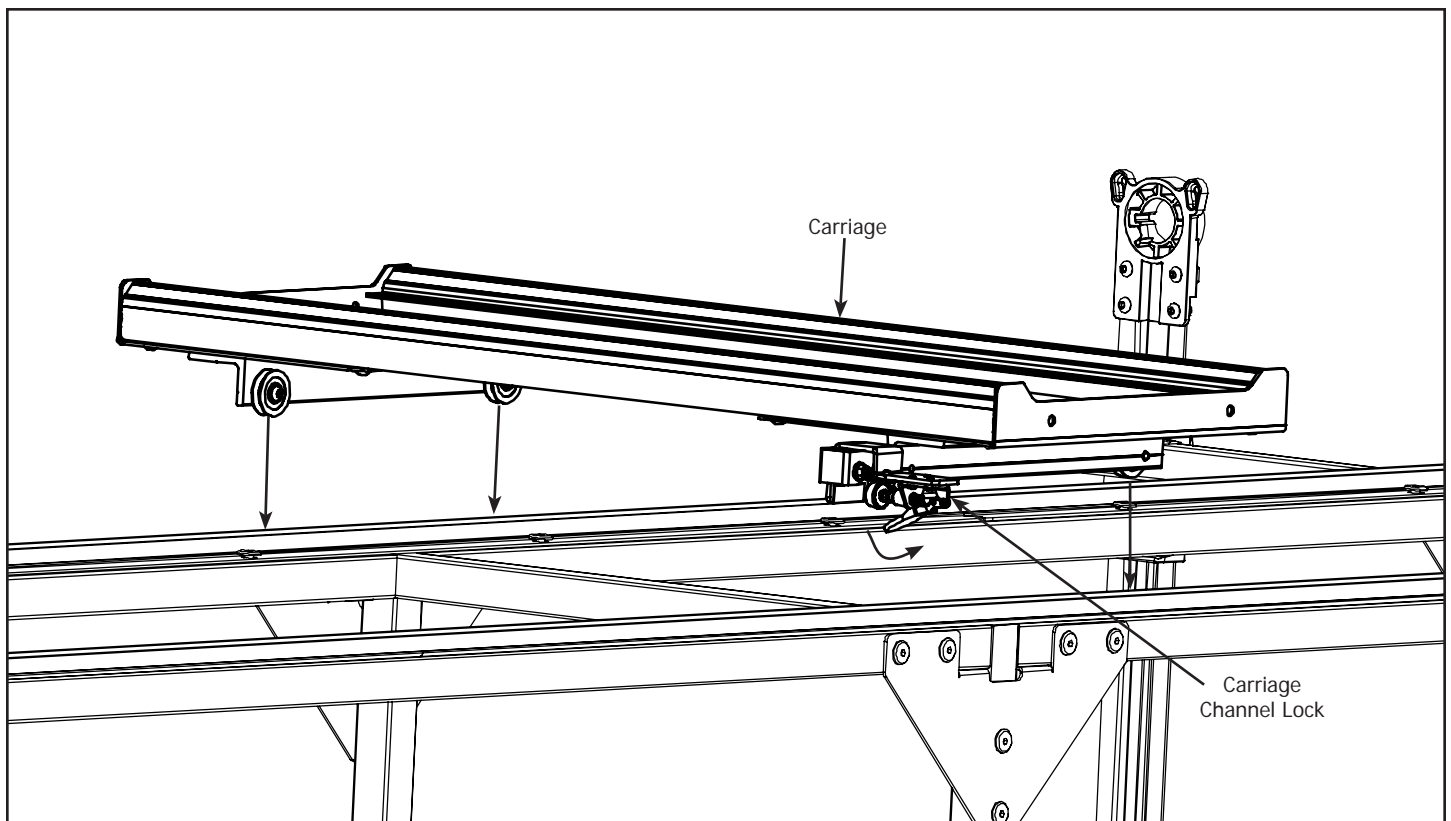


5-2 Install the Carriage Channel Lock with the M6 x 20mm SBHCS Wheel and Spacer, making sure the spacer is between the Wheel and the carriage. Do not tighten M6 x 20mm SBHCS until next step.

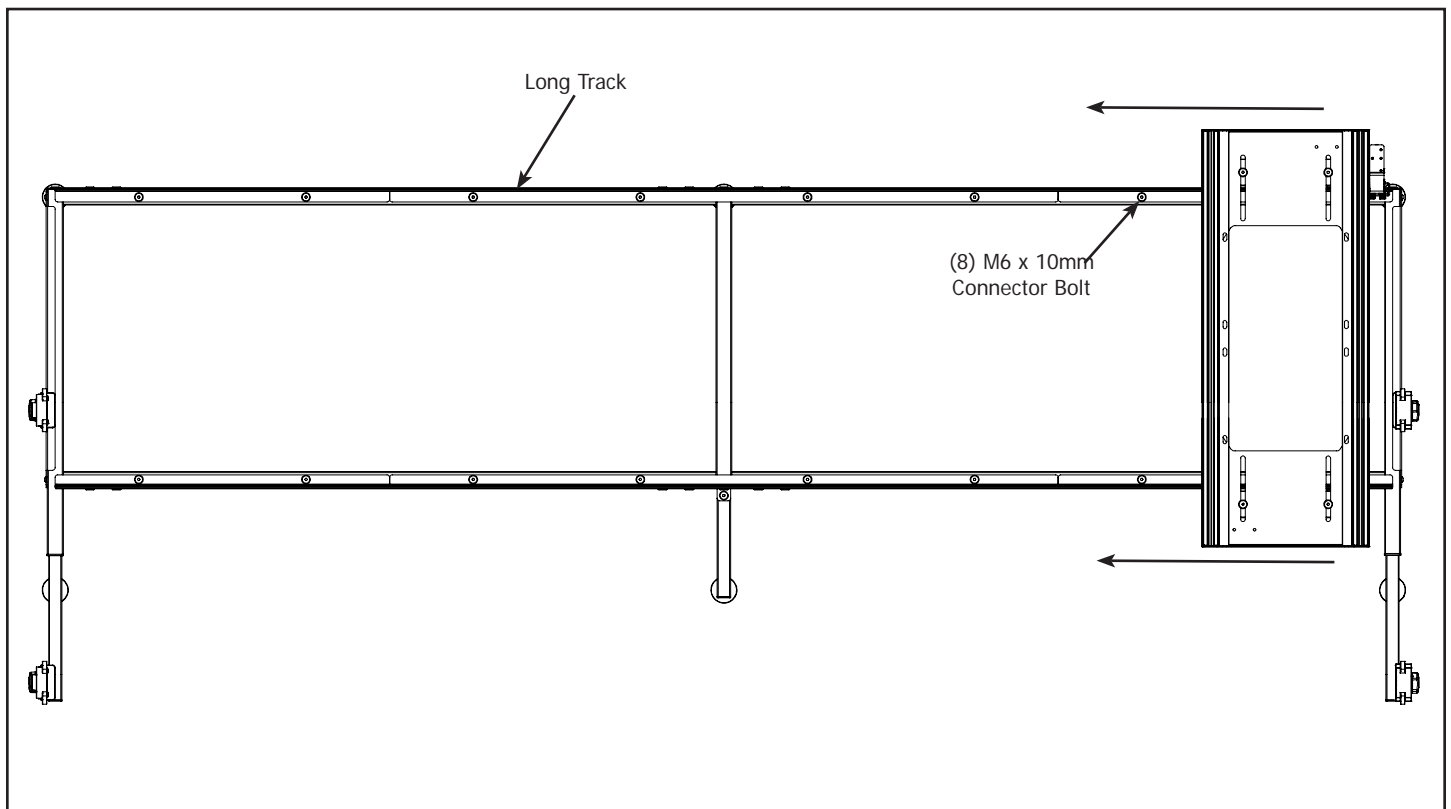


5-3 Slide the Carriage Channel Lock against the Wheel Extrusion and tighten the M6 x 20mm SBHCS from step 5-2. See Step 12 for Channel Lock adjustments.

Carriage Assembly - Queen Assembly



5-4 With the Channel Lock in the open position place the Carriage onto the Track.

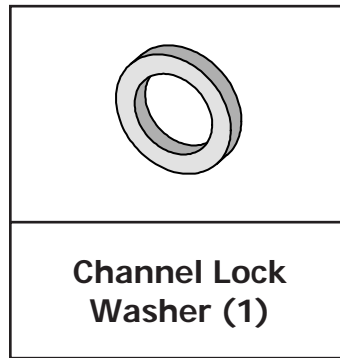
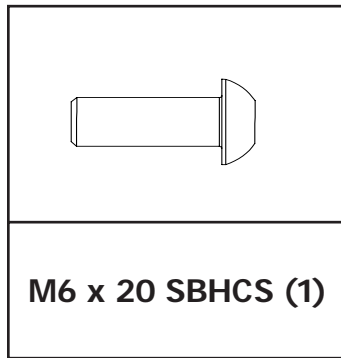
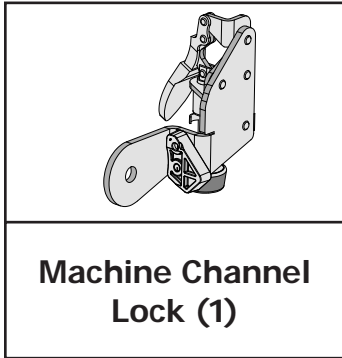


5-5 Align the track by slowly moving the Carriage along the track, working from one end to the other, tightening each of the back (8) M6 x 10mm Connector Bolts as you go.

Carriage Assembly - Queen Assembly

Step 6 - Channel Lock Installation (Grace Machines Only)

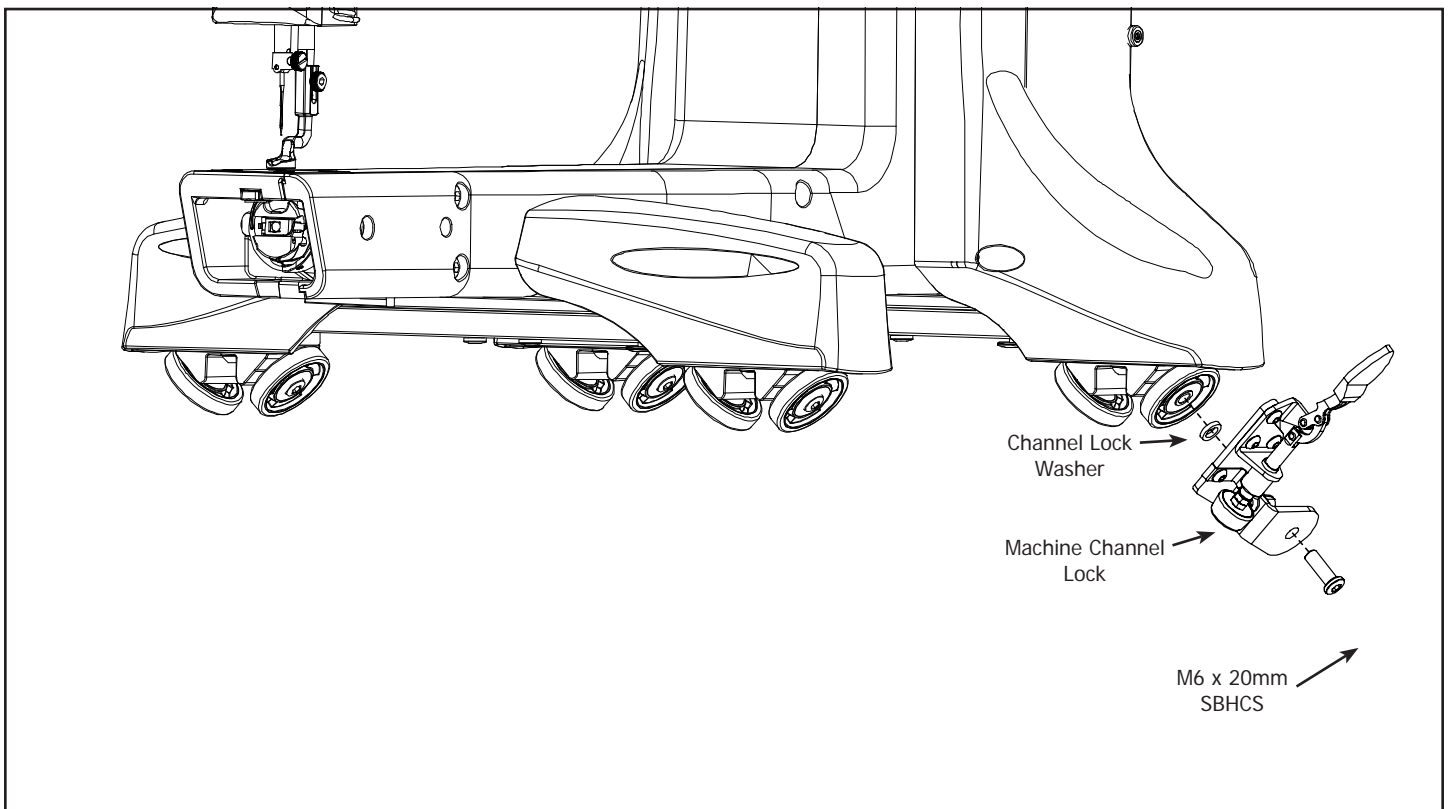
Parts Needed:



Tools Needed:

4mm Allen Wrench

IMPORTANT: If you are using a G-Series 2 Top Carriage and home sewing machine, please refer to your top carriage manual for instructions on preparing the top carriage and machine. When finished, continue with frame instructions on page 13.

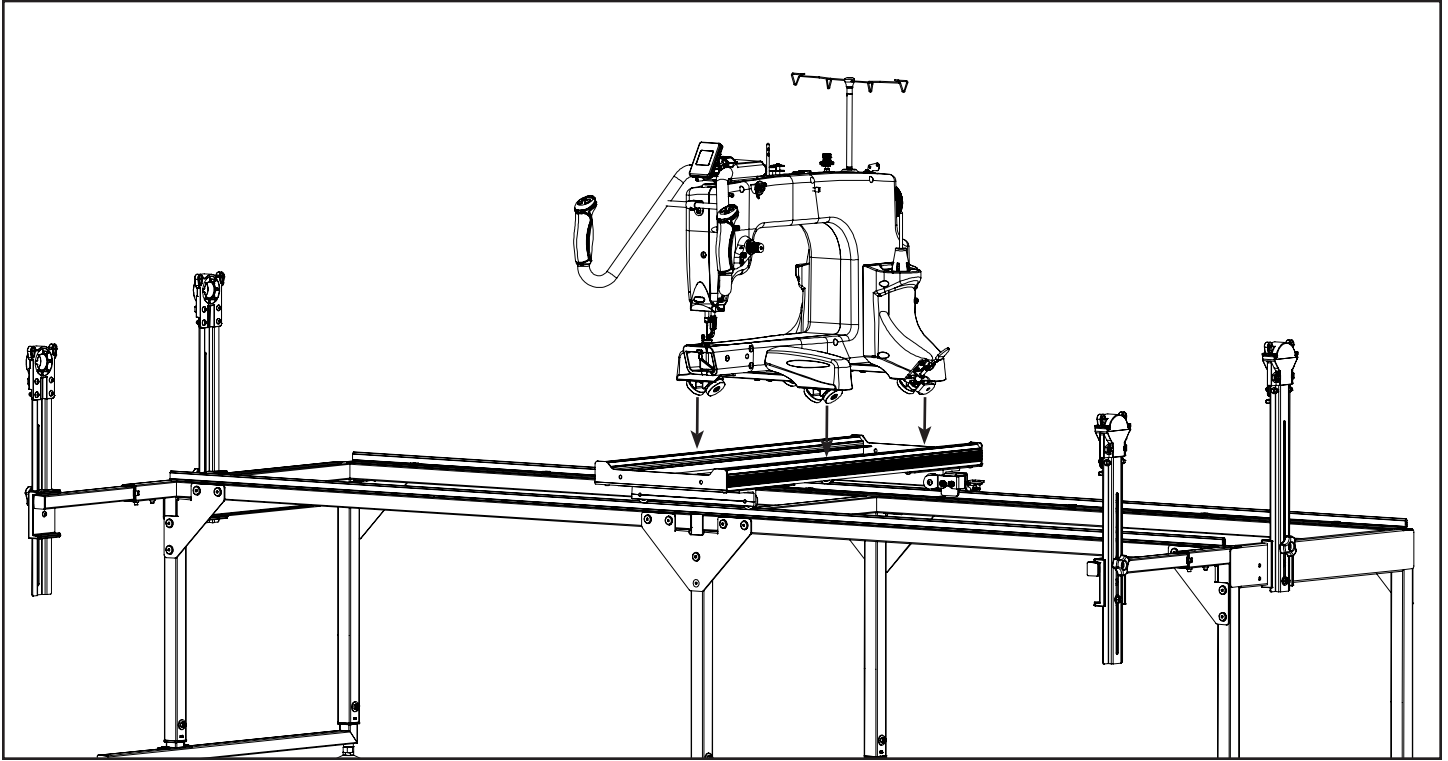


6-1 Remove the Right Rear M6 x 16mm SBHCS from the Sewing Machine and install the Machine Channel Lock using (1) M6 x 20mm SBHCS and (1) Channel Lock Washer as shown.

Note: See step 12 for Channel Lock Adjustment.

Carriage Assembly - Queen Assembly

Step 7 - Sewing Machine Installation



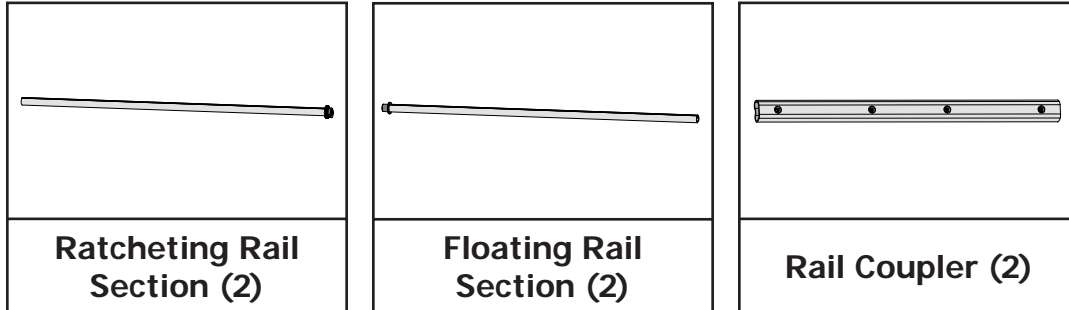
7-1 With the Channel Lock in the open position place the Sewing Machine onto the Carriage.

Note: See your Sewing Machine Instructions for Encoder installation instructions.

Rail Assembly - Queen Assembly

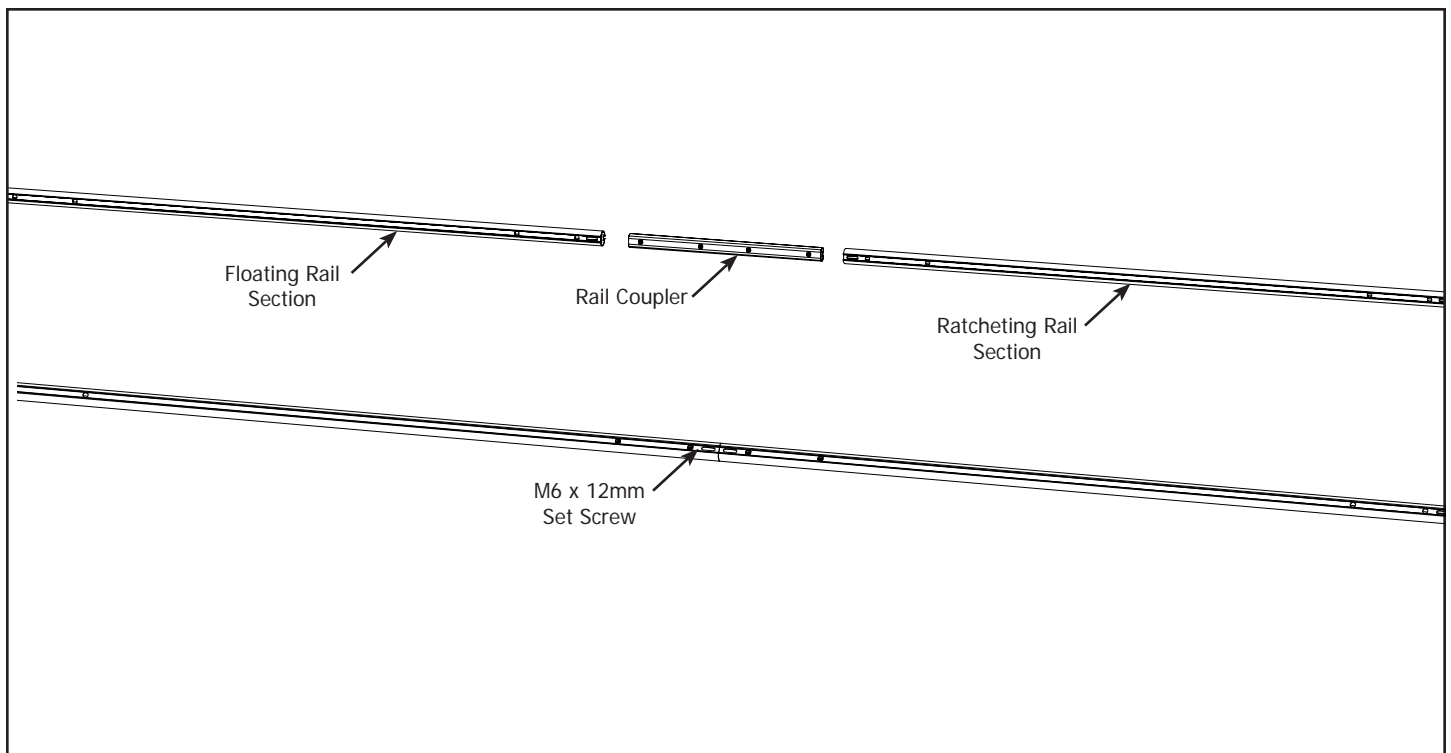
Step 8 - Rail Assembly

Parts Needed:



Tools Needed:

3mm Allen Wrench



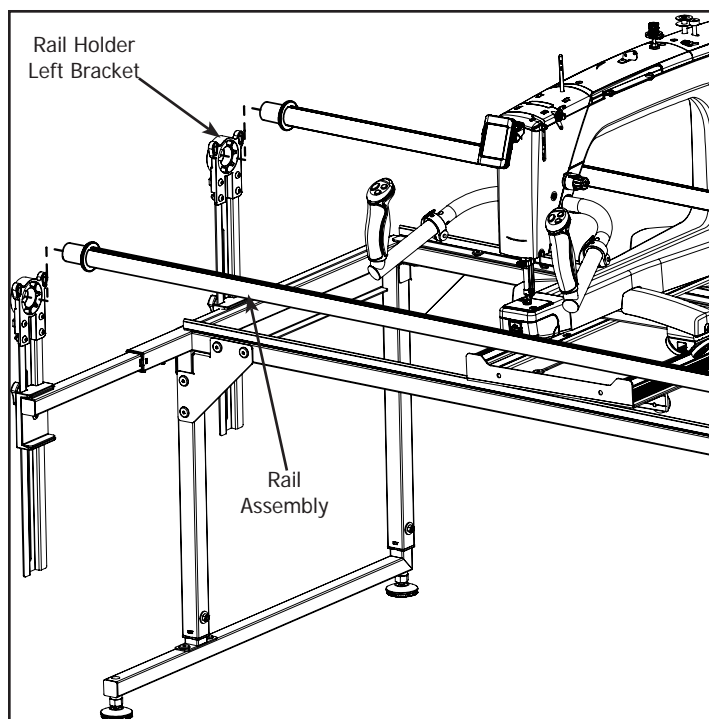
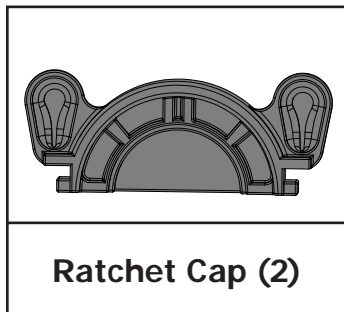
8-1 Put (1) Rail Coupler into (1) Ratcheting Rail Section, aligning the (2) M6 x 12mm set screws (pre-installed) on the Rail Coupler with the (2) bigger holes in the Rail. Tighten the (2) M6 x 12mm set screws (pre-installed) into the Rail through the hole. Repeat using (1) Floating Rail Section on the opposite side. Assemble Rails on a flat surface.

Note: Do not remove the set screws from the Rail Coupler. Repeat for second rail.

Rail Assembly - Queen Assembly

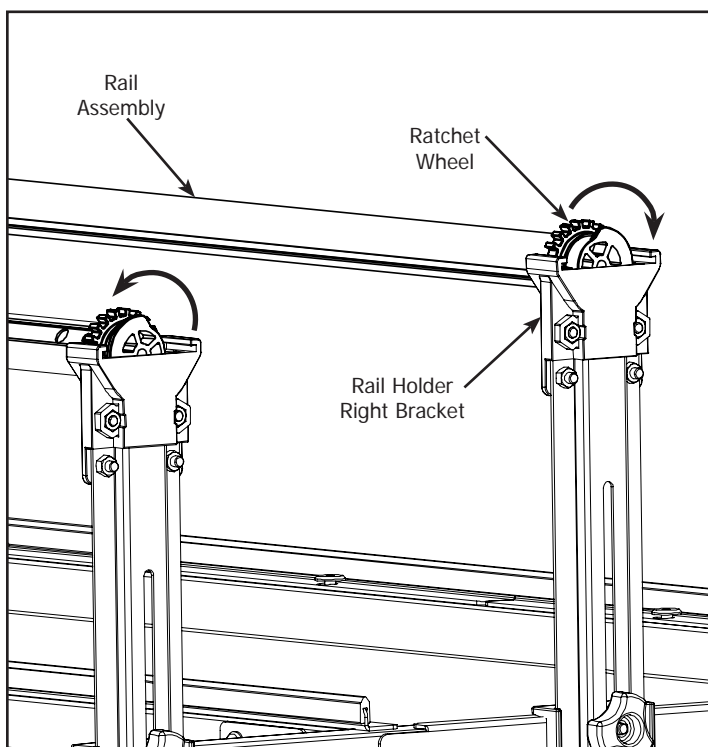
Step 9 - Rail Installation

Parts Needed:

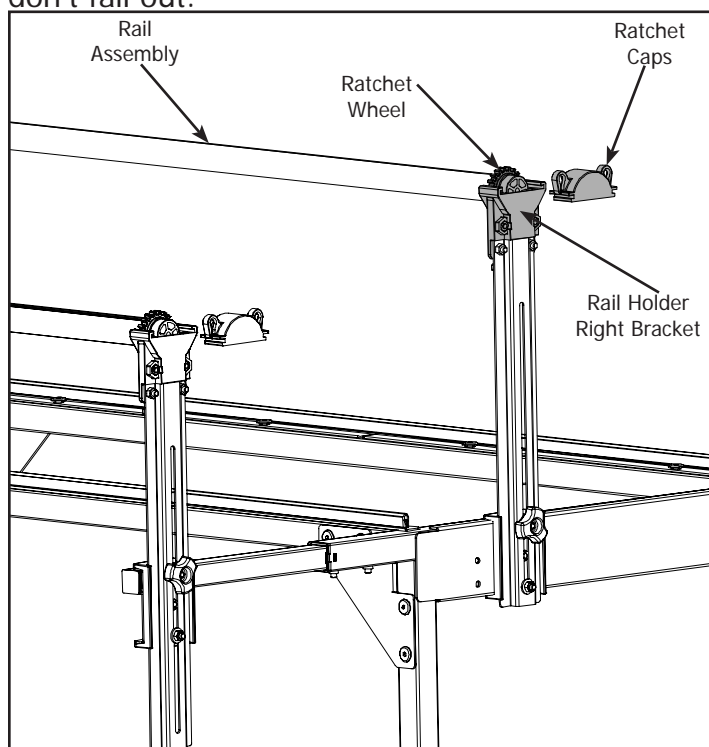


9-1 Slide a Rail Assembly through the throat of the sewing machine and into the back Rail Holder Bracket Left. Install the remaining Rail Assembly into the front Rail Holder Left Bracket.

Note: If the rails fall out of Rail Holder Left Bracket Push the bottom of the legs out to ensure the rails don't fall out.



9-2 Rotate the Rail Assemblies so the tab on the Ratchet Wheel is down into the Rail Holder Right Brackets.



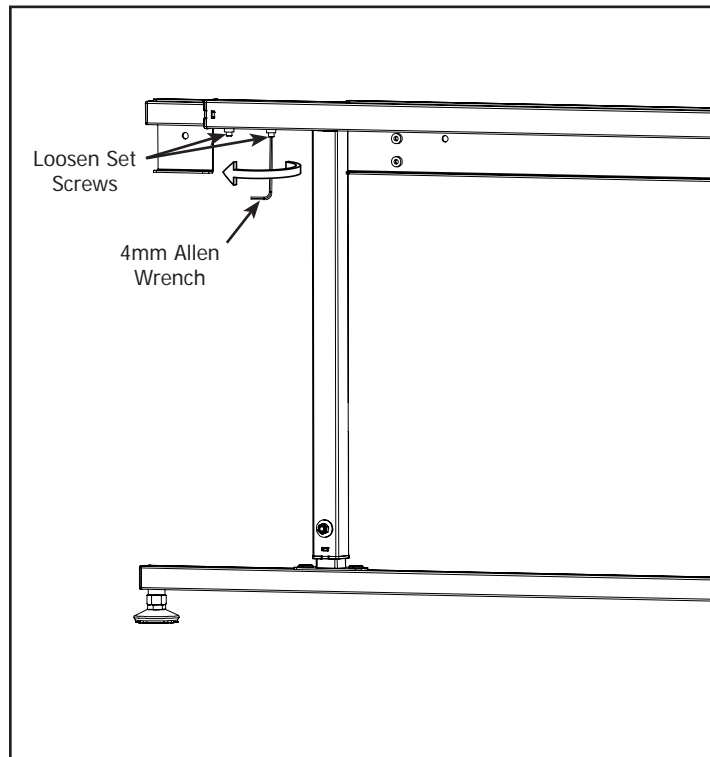
9-3 Place both Ratchet Wheels on Rail Assemblies into the Rail Holder Right Brackets. Slide the Ratchet Caps onto the Rail Holder Right Brackets.

Frame Setup - Queen Assembly

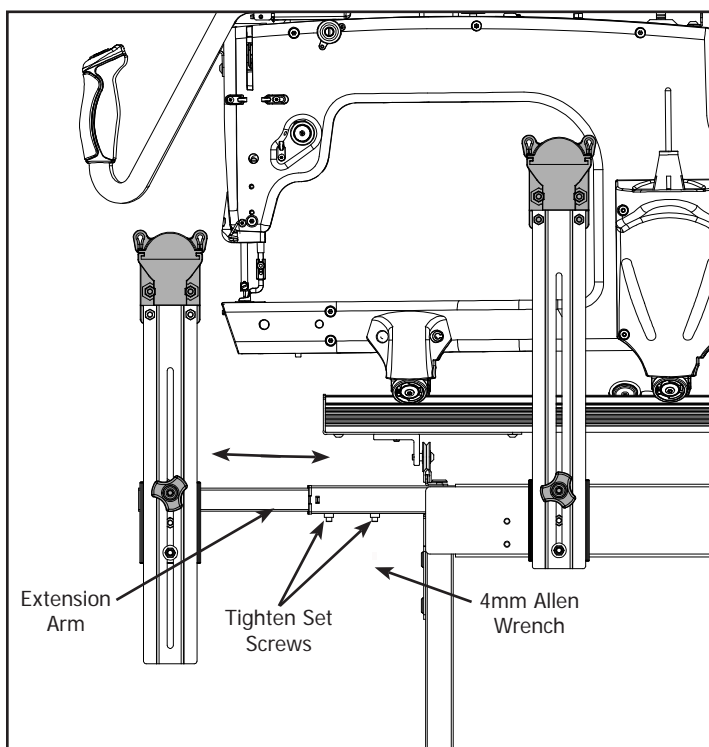
Step 10 - Extension Arm Adjustment

Tools Needed:

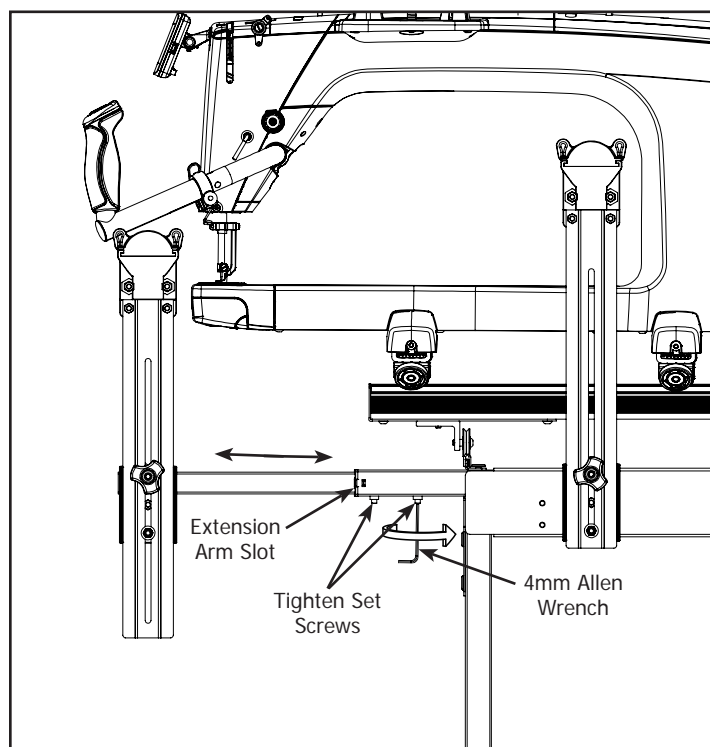
4mm Allen Wrench



10-1 Loosen set screws without removing from frame end.



10-2 For machines with a throat less than 16", move the Machine as far forward as possible and adjust the Extension Arms so the Front Rail is 1" from the front of the Machine. Tighten the Set Screws.



10-3 For machines with a throat greater than 16", adjust the Extension Arms to the slot. Tighten the Set Screws.

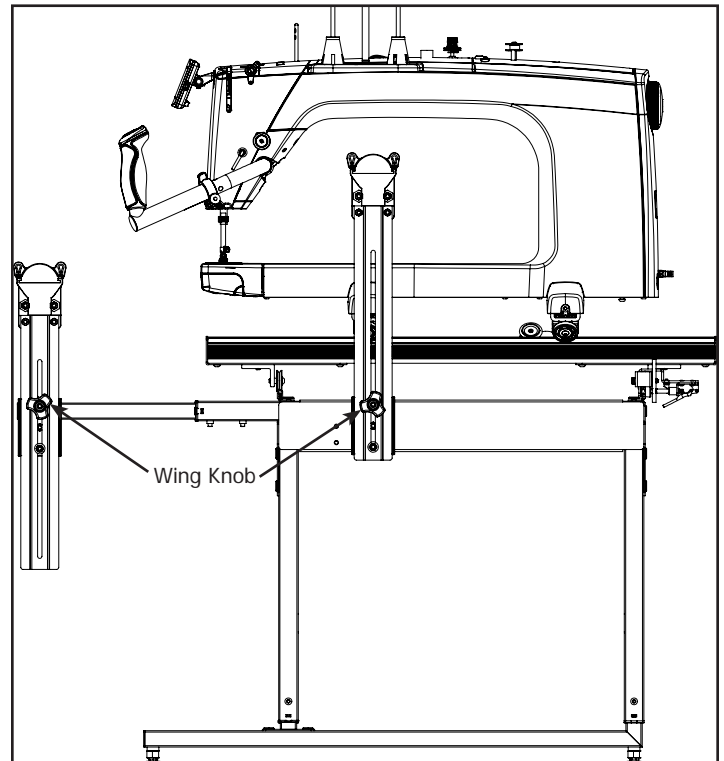
Frame Setup - Queen Assembly

Step 11 - Adjusting the Rail Holder Brackets

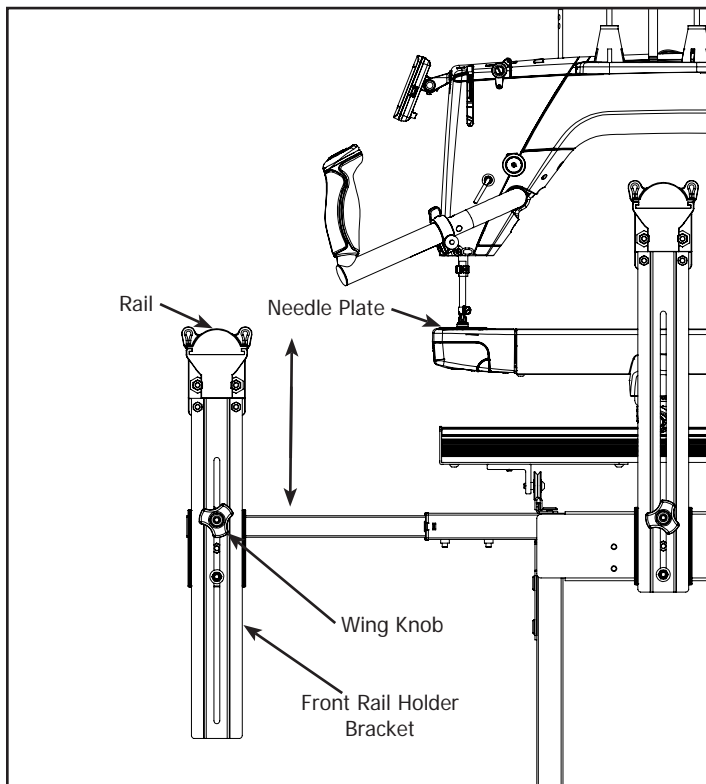
Tools Needed:

4mm Allen Wrench

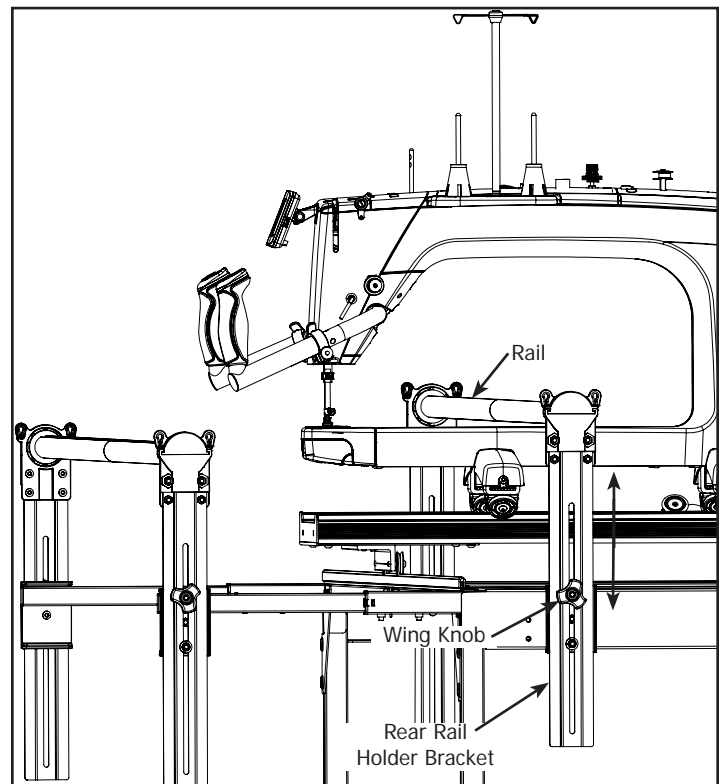
10mm & 13mm Open End Wrench



11-1 Loosen the Wing Knobs on each of the rail holders.



11-2 Move the Front Rail Holder Bracket so the top of the Rail is even with the Needle Plate. Tighten the Wing Knobs.



11-3 Adjust the Rear Rail Support Holder Bracket so the Rail is approximately 1/4 inch from the throat of the machine. Tighten Wing Knobs.

Frame Setup - Queen Assembly

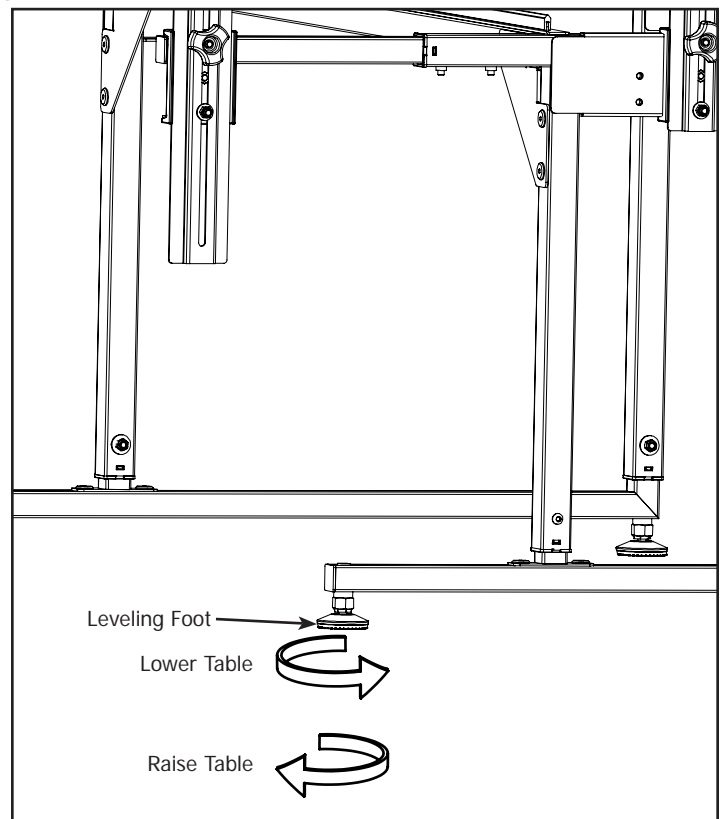
Step 12 - Basic Setup

Tools Needed:

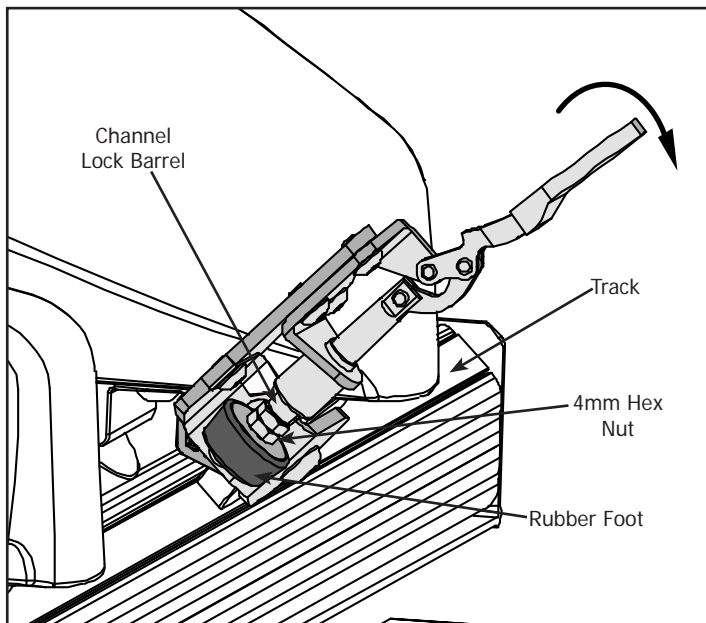
3mm Allen Wrench

10mm & 13mm Open End Wrench

14mm & 17mm Open End Wrench

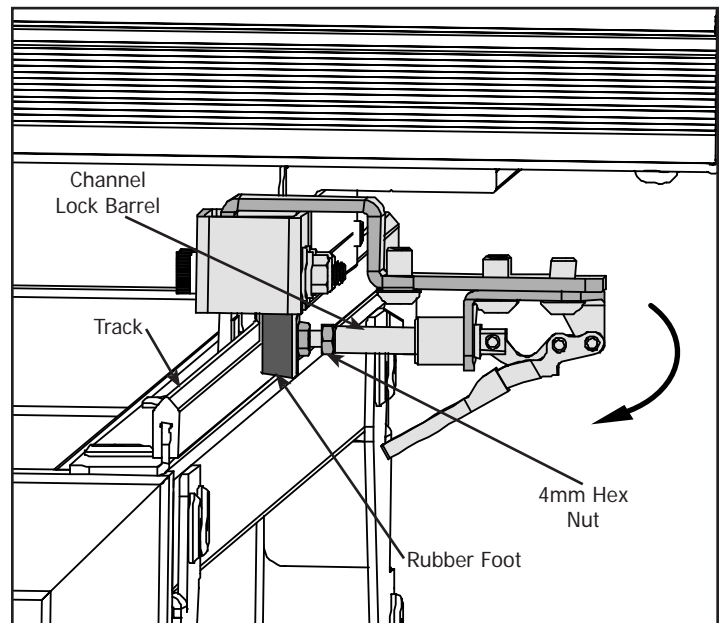


12-1 Adjust the Leveling Feet to level the frame and make sure it is stable. Adjust so the Carriage and Machine do not move on their own.



12-2 Rotate the Channel Lock handle down. To adjust the Channel Lock, twist the Rubber Foot until it presses against the track. Turn the 4mm upper Hex Nut 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.



12-3 Rotate the Channel Lock handle down. To adjust the Channel Lock, twist the Rubber Foot until it presses firmly against the track. Turn the 4mm upper Hex Nut 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.

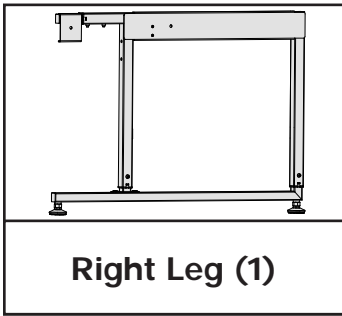
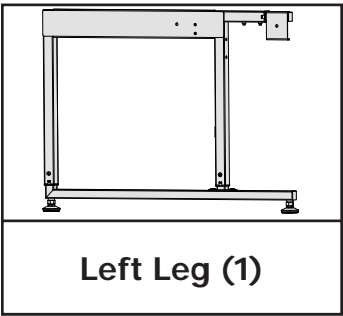
Continue to page 34 for Fabric Setup

Crib Assembly

Frame End Assembly - Crib Assembly

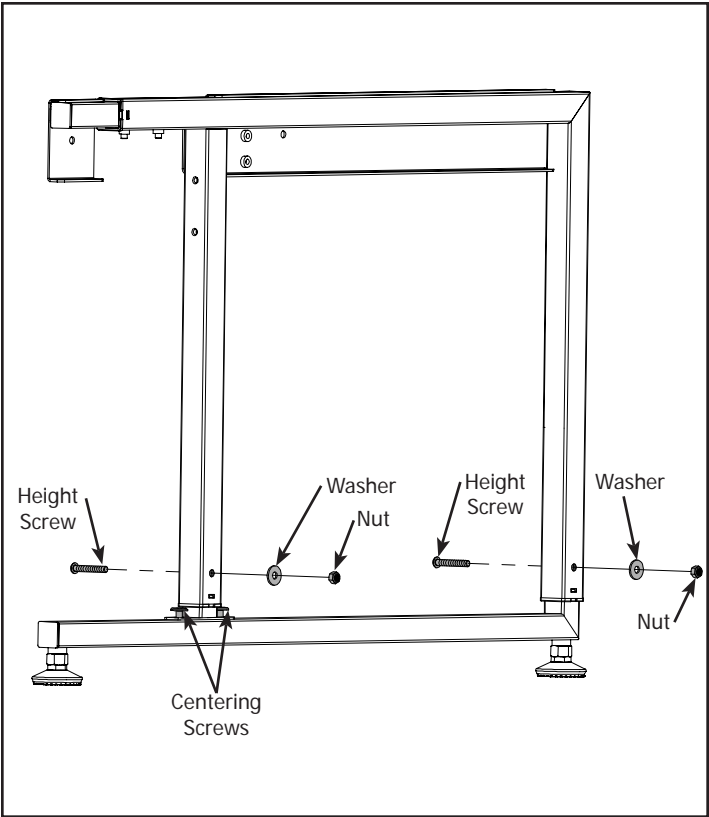
Step 1 - Table Height Setup

Parts Needed:



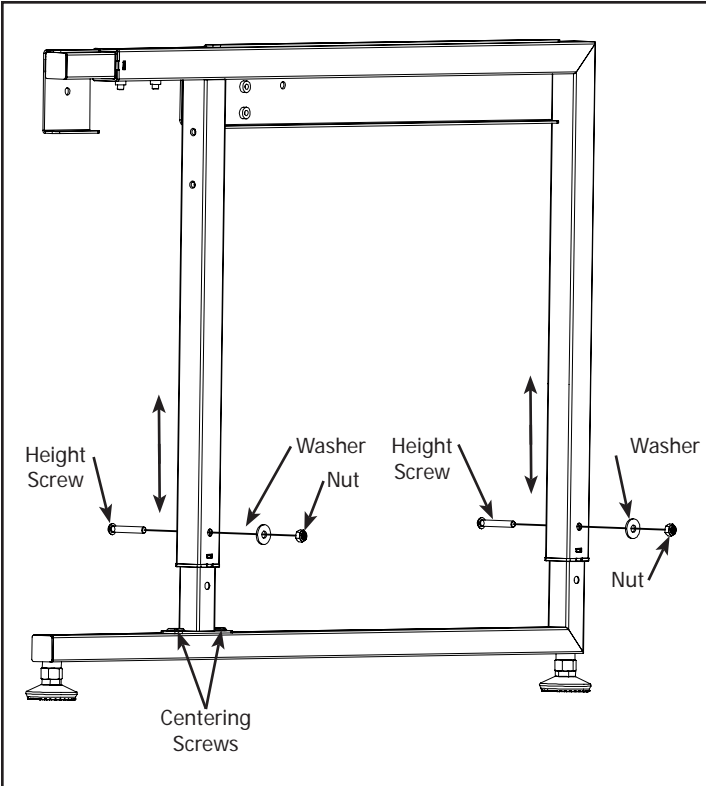
Tools Needed:

- 4mm Allen Wrench
- 10mm & 13mm Open End Wrench



1-1 Remove height screws and loosen centering screws.

Note: Left Leg Shown. Repeat for all legs.



1-2 Adjust table height by sliding legs up or down and replace each height screw and tighten each centering screw.

Note: Repeat for all legs.

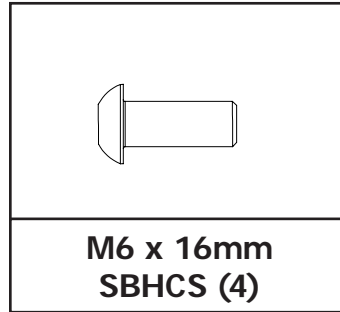
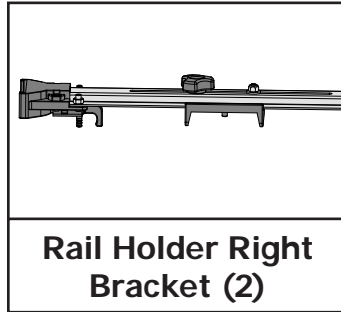
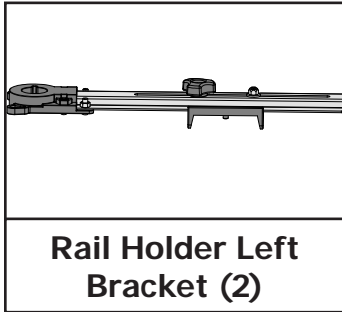
Hole Number	Floor to Top of Fabric
1	31 1/2 Inches
2	32 1/2 Inches
3	33 1/2 Inches
4	34 1/2 Inches
5	35 1/2 Inches
6	36 1/2 Inches
7	37 1/2 Inches
8	38 1/2 Inches
9	39 1/2 Inches
10	40 1/2 Inches

Note: Height will vary slightly after adjusting Leveling Feet in Step 12-1.

Frame End Assembly - Crib Assembly

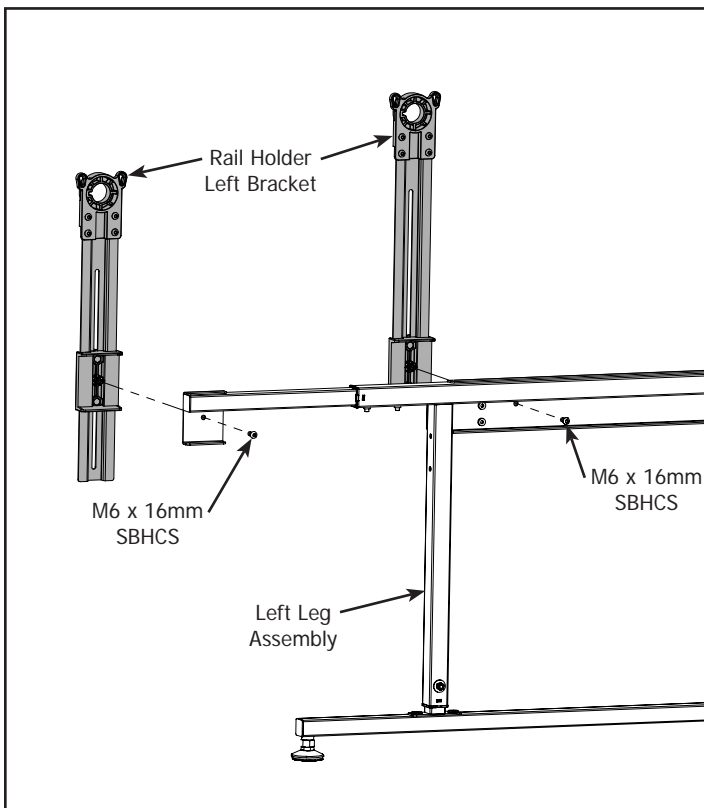
Step 2 - Rail Holder Bracket Installation

Parts Needed:



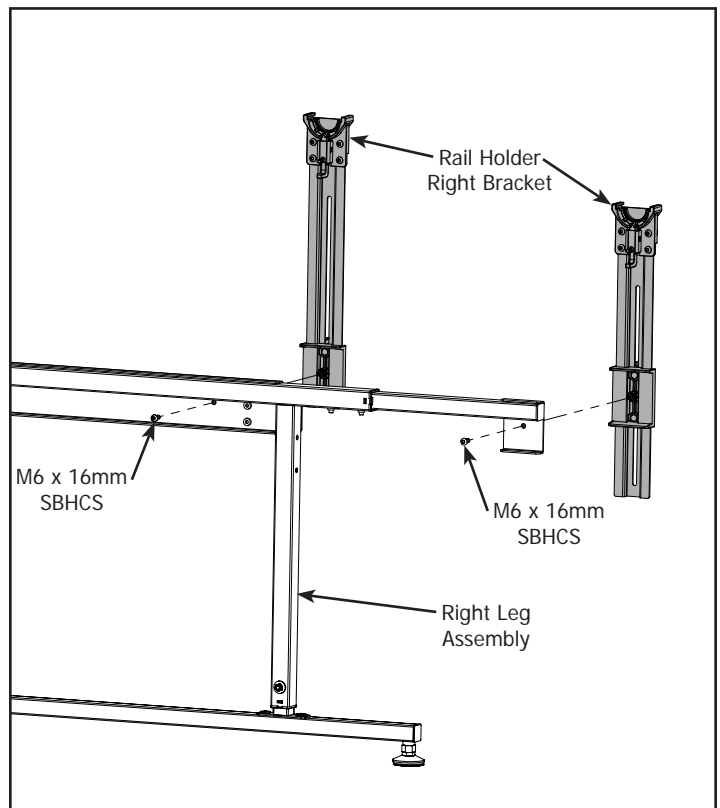
Tools Needed:

4mm Allen Wrench



2-1 Install the (2) Rail Holder Left Brackets to the Left Leg Assembly using (2) M6 x 16mm SBHCS.

Note: Rail Holder Bracket Height will be adjusted in Step 11.



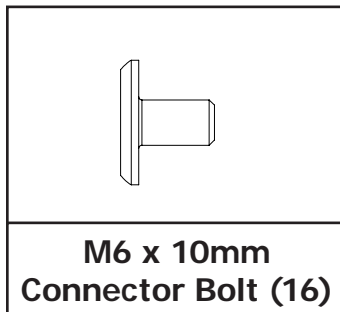
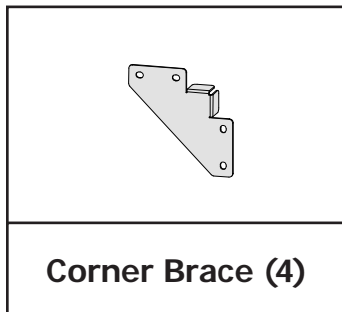
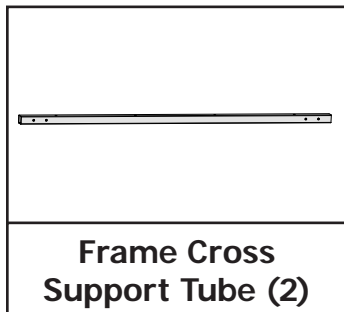
2-2 Install the (2) Rail Holder Right Brackets to the Right Leg Assembly using (2) M6 x 16mm SBHCS.

Note: Rail Holder Bracket Height will be adjusted in Step 11.

Frame Assembly - Crib Assembly

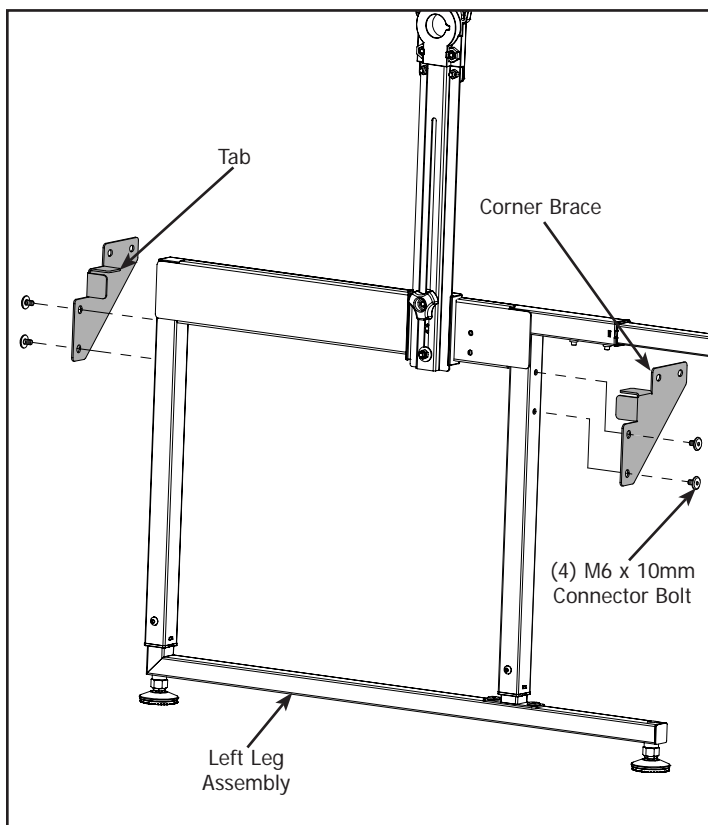
Step 3 - Frame Cross Support Tube Installation

Parts Needed:



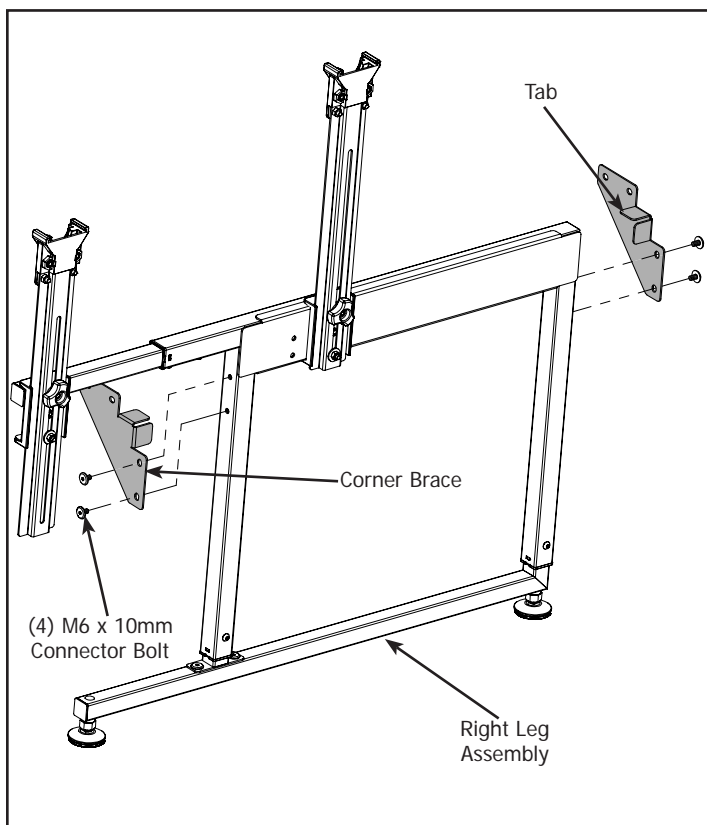
Tools Needed:

4mm Allen Wrench



3-1 Install (2) Corner Braces to the Left Leg Assembly with the tabs toward the inside of the leg using (4) M6 x 10mm Connector Bolts.

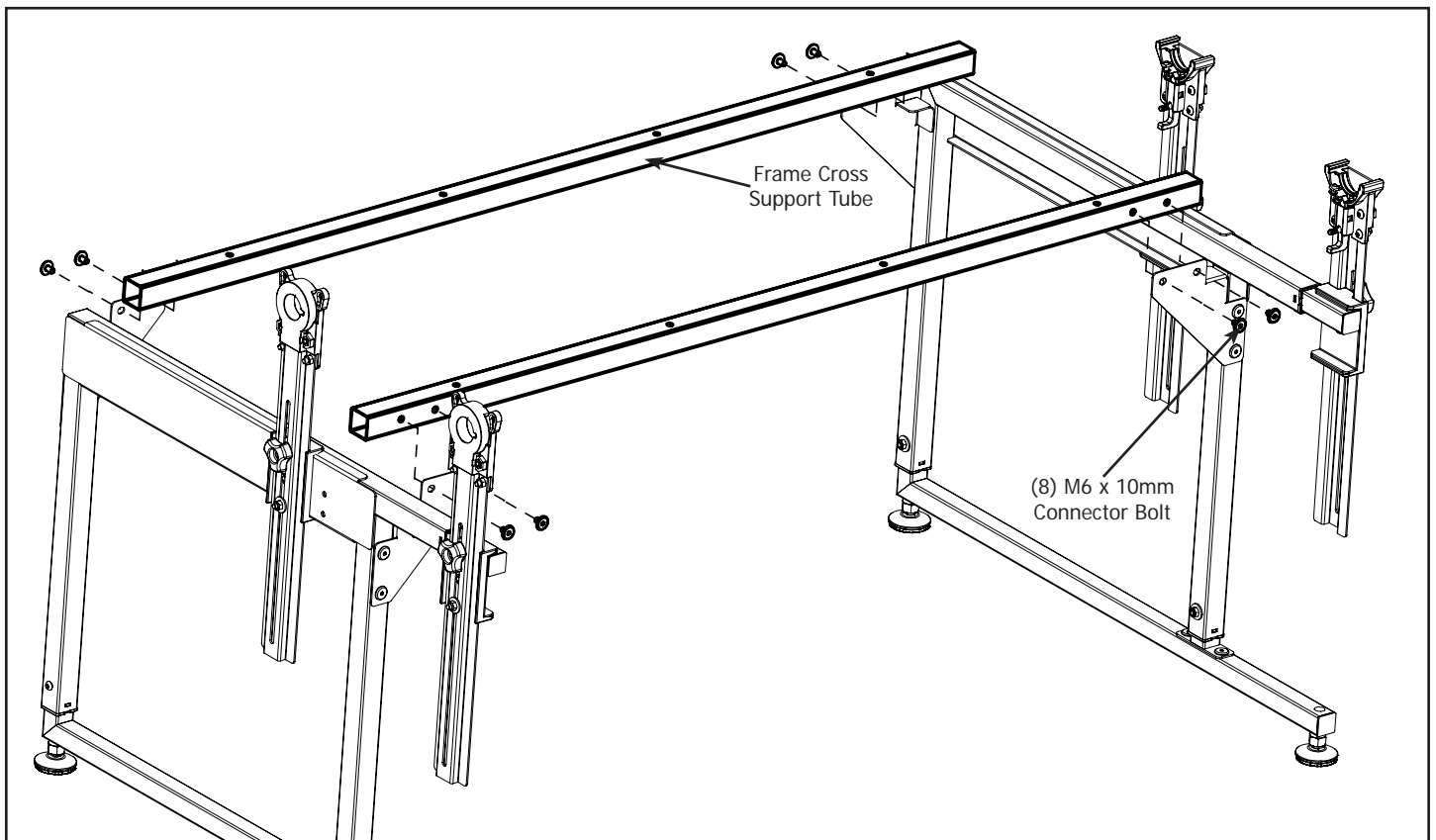
Note: Leave bolts loose at this time.



3-2 Install (2) Corner Braces to the Right Leg Assembly with the tabs toward the inside of the leg using (4) M6 x 10mm Connector Bolts.

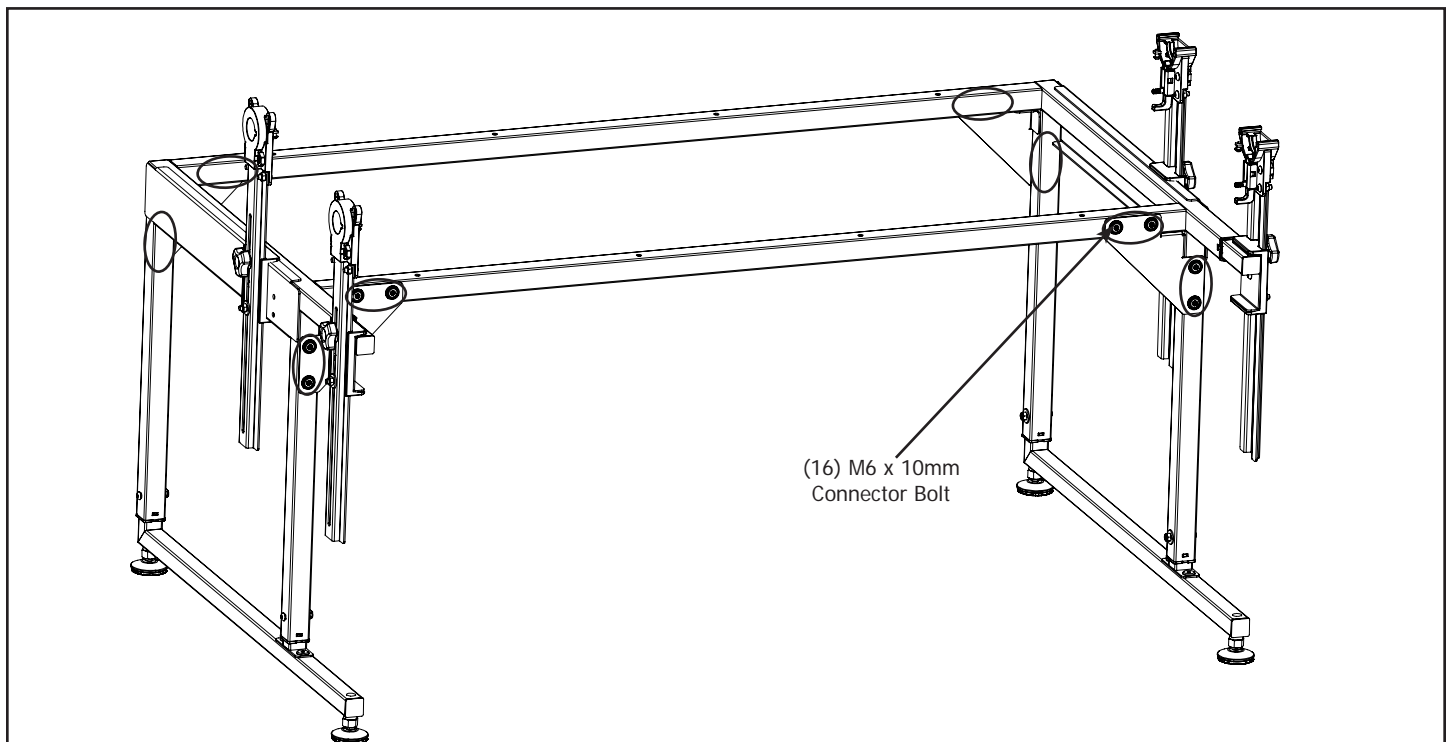
Note: Leave bolts loose at this time.

Frame Assembly - Crib Assembly



3-3 Making sure the holes in the Frame Cross Support Tubes are up, assemble the Frame Cross Support Tubes to the Left Leg using (4) M6 x 10mm Connector Bolts. Then assemble the Frame Cross Support Tubes to the Right Leg using (4) M6 x 10mm Connector Bolts.

Note: Leave bolts loose at this time

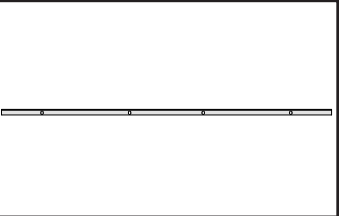
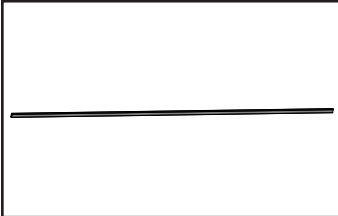
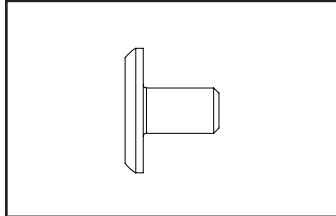


3-4 Push out on the bottom on the right and left leg assemblies and tighten (16) M6 x 10mm Connector Bolts at this time.

Frame Assembly - Crib Assembly

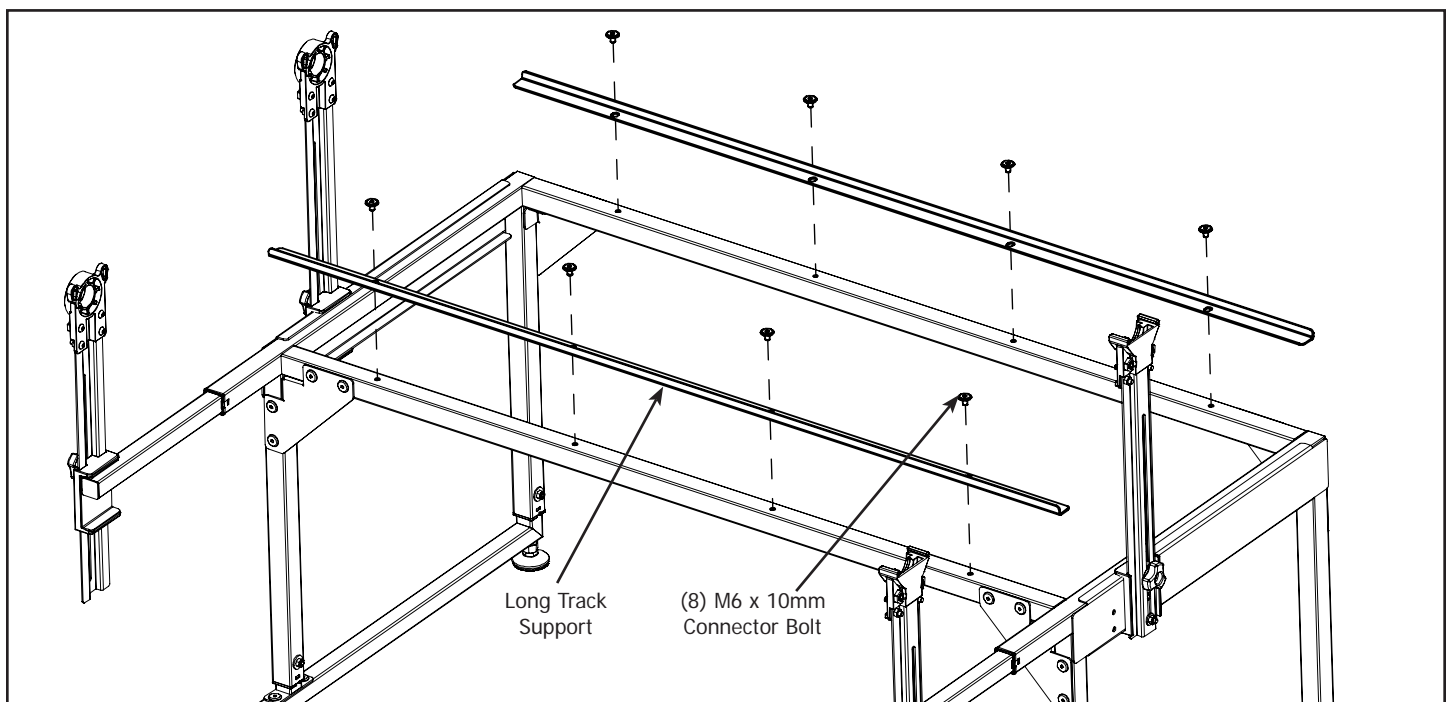
Step 4 - Track Installation

Parts Needed:

		
Long Track Support (2)	Short Track (2) (For Crib Only)	M6 x 10mm Connector Bolt (8)

Tools Needed:

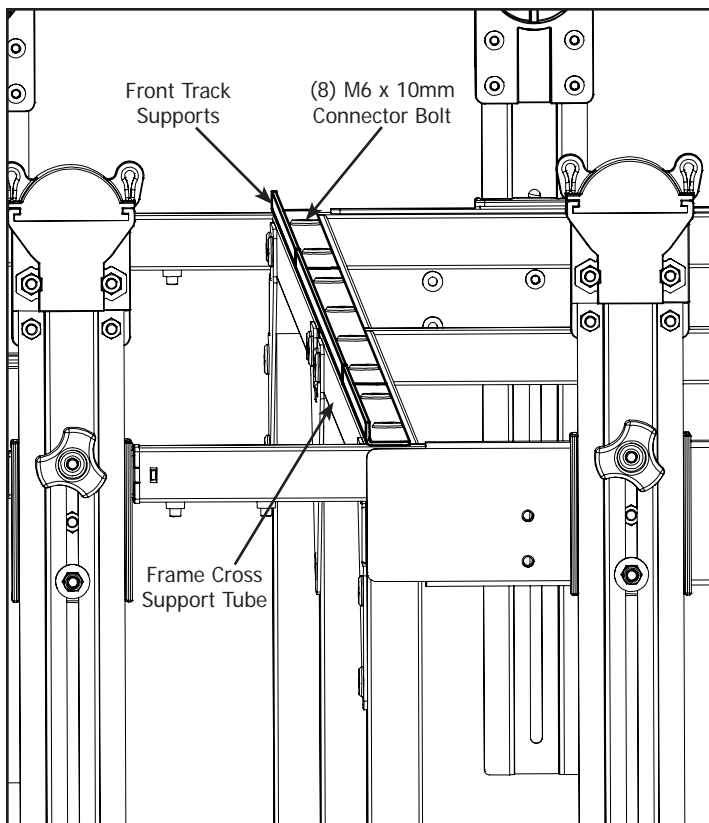
4mm Allen Wrench



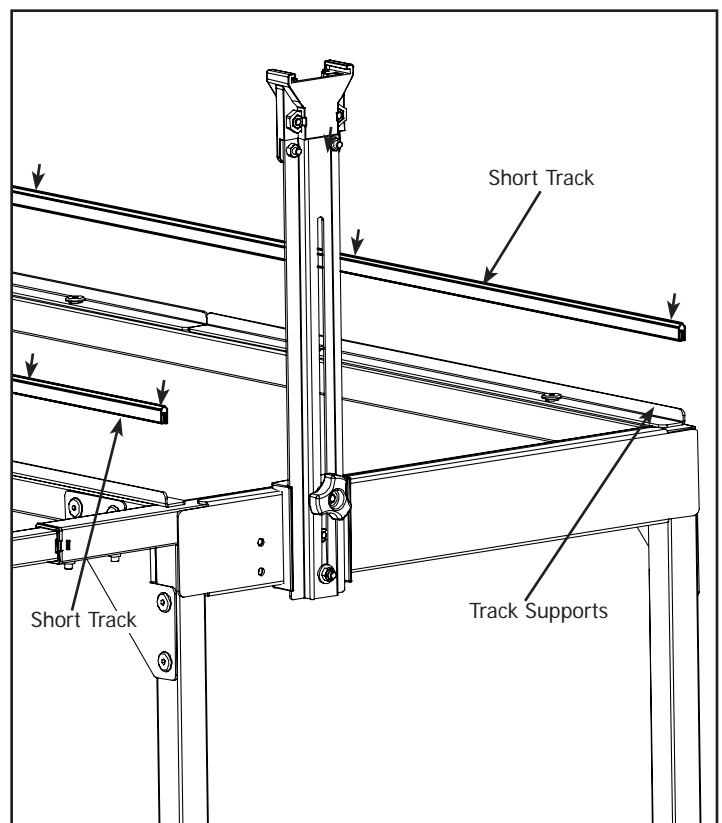
4-1 Attach the (2) Long Track Supports using (8) M6 x 10mm Connector Bolts.

Note: Leave bolts loose.

Frame Assembly - Crib Assembly



4-2 Slide the Front Track Supports until the Frame Cross Support Tubes are flush with the front of the Front Track Supports. Tighten the front (4) M6 x 10mm Connector Bolts only.

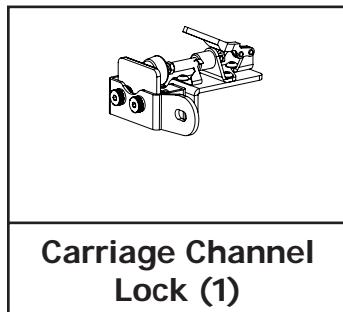
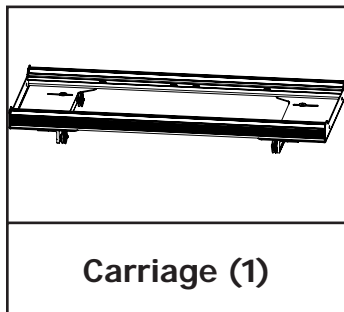


4-3 Press the Long Track firmly onto the Track Supports until it bottoms out making sure there are no gaps between the Track Supports.

Frame Assembly - Crib Assembly

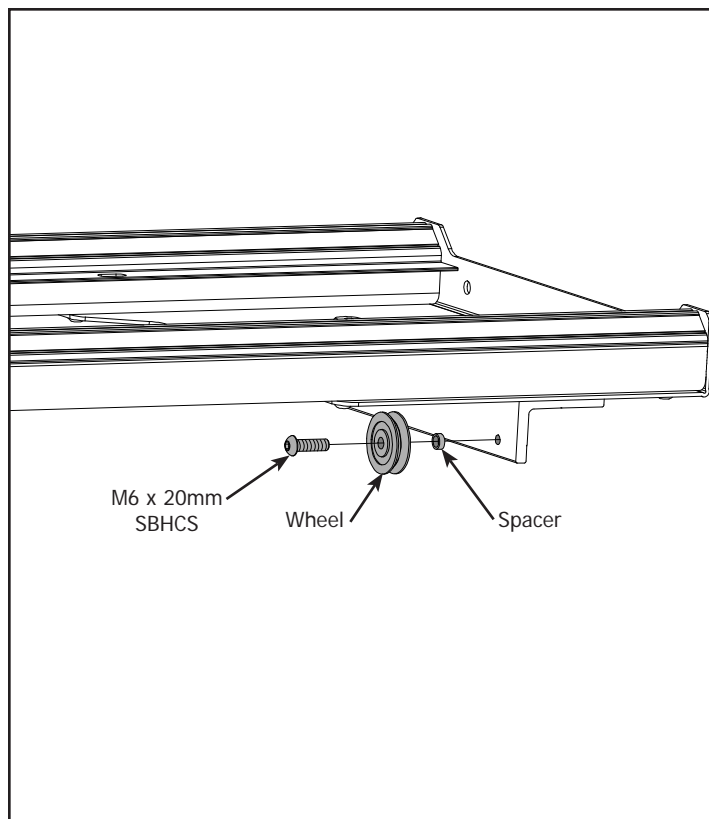
Step 5 - Carriage Installation

Parts Needed:

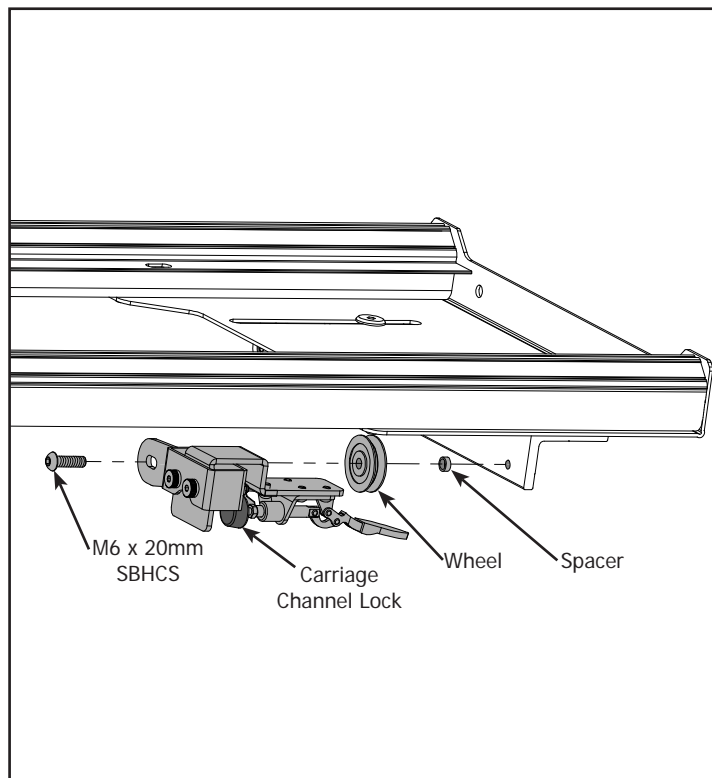


Tools Needed:

4mm Allen Wrench

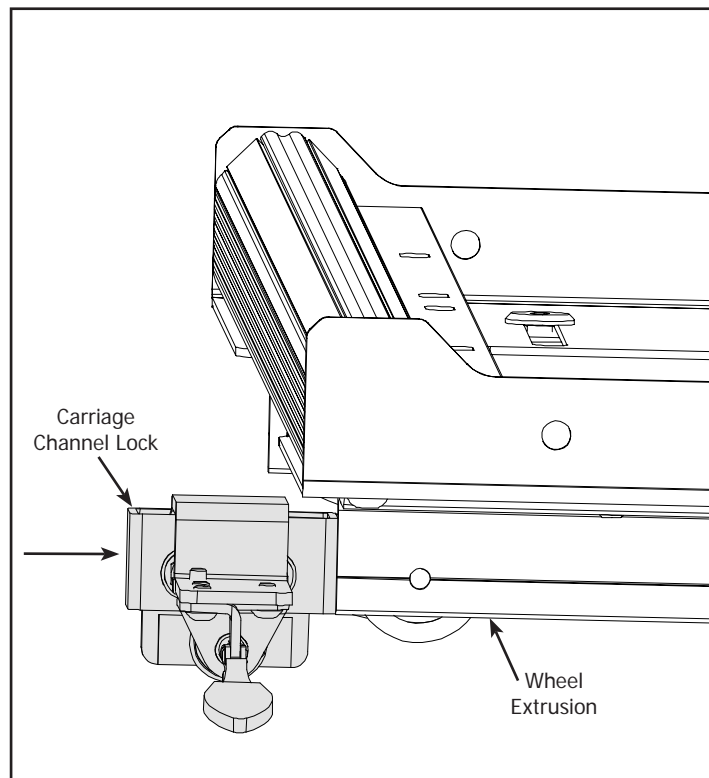


5-1 Remove the Right Rear M6 x 20mm SBHCS, Wheel, and Spacer from the Carriage.



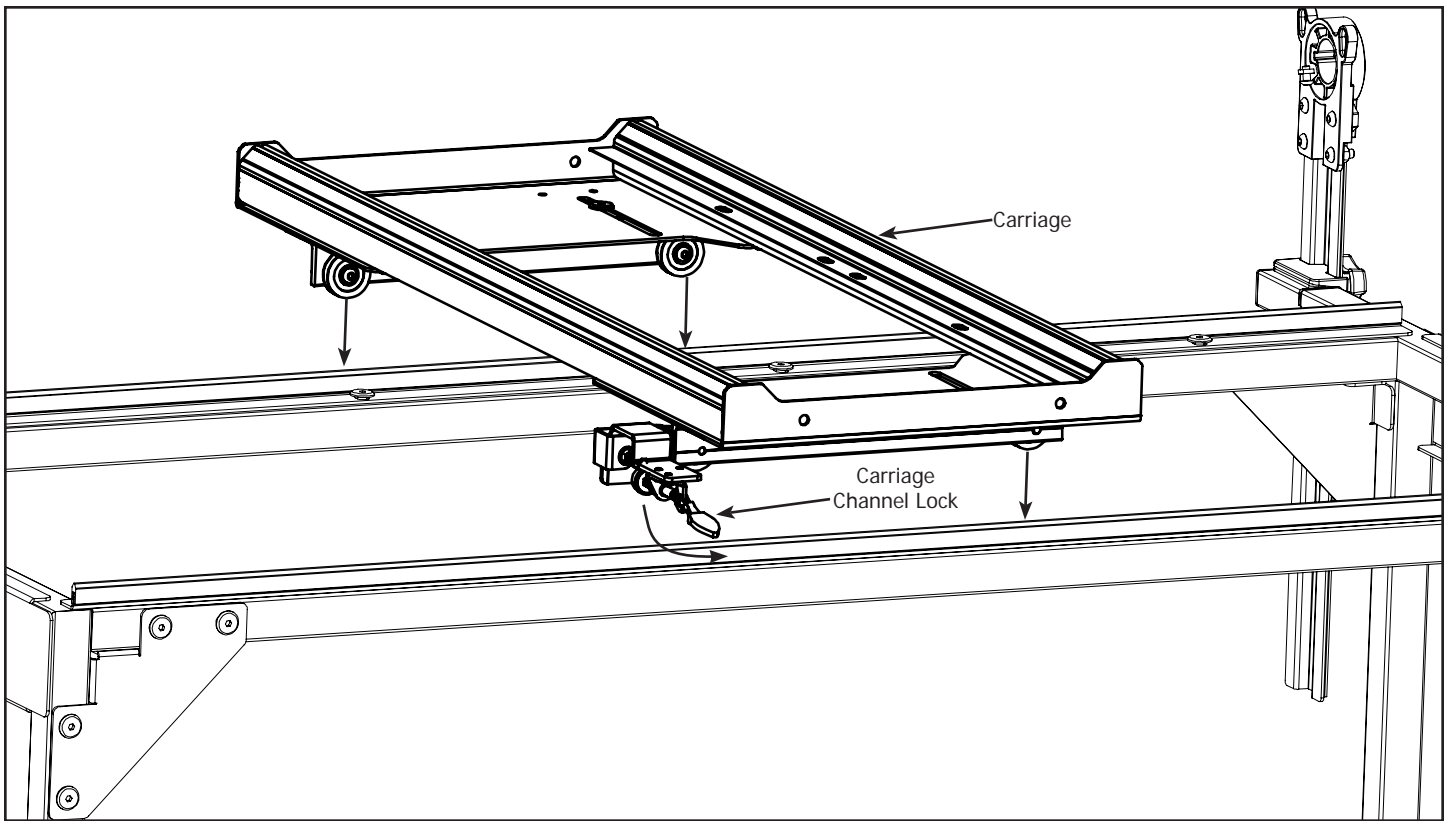
5-2 Install the Carriage Channel Lock as shown making sure the spacer is between the Wheel and the Carriage.

Note: Leave M6 x 20mm SBHCS loose.

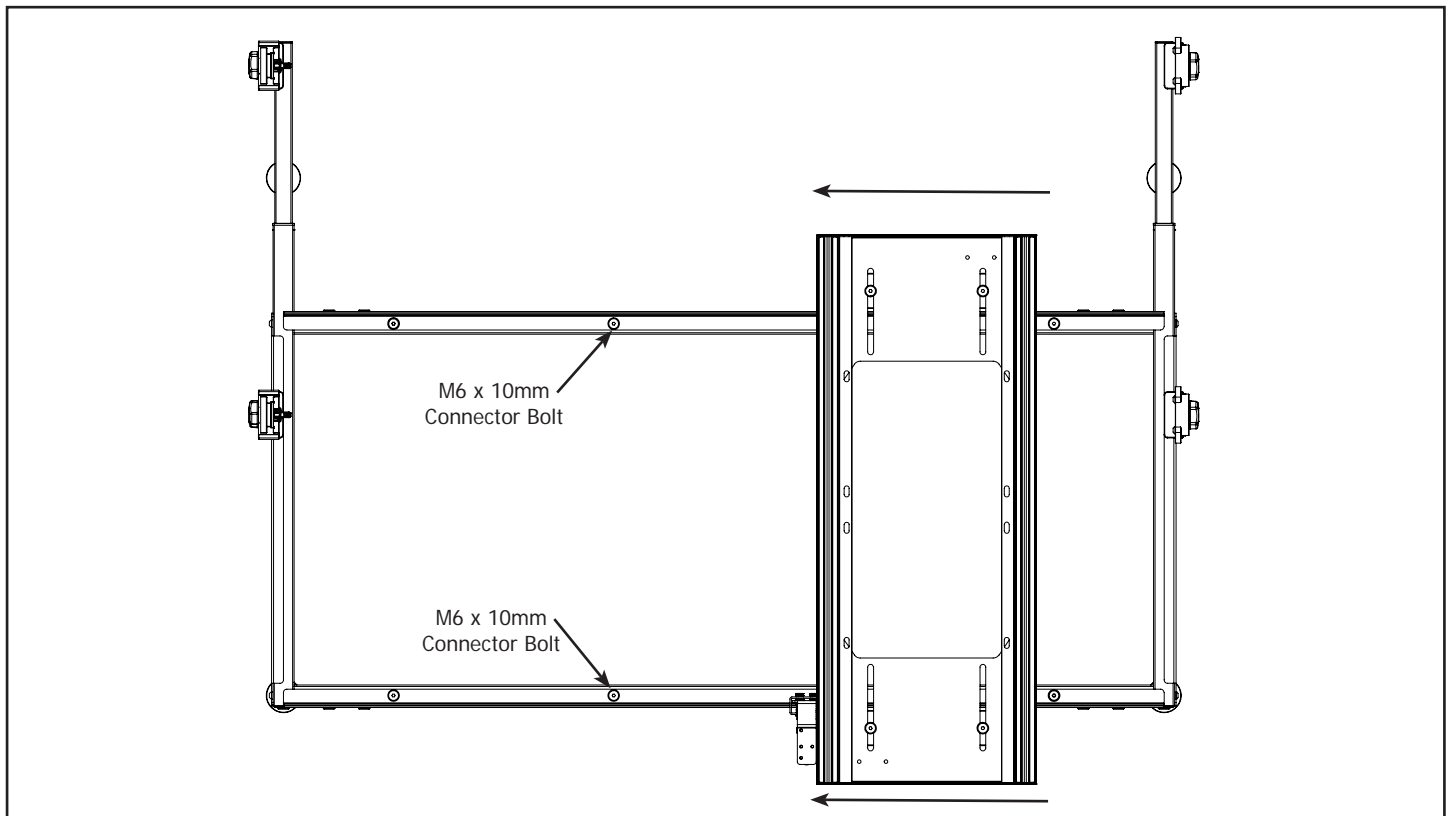


5-3 Slide the Carriage Channel Lock against the Wheel Extrusion and tighten the M6 x 20mm SBHCS from step 5-2. See Step 12 for Channel Lock adjustments.

Carriage Assembly - Crib Assembly



5-4 With the Channel Lock in the open position place the Carriage onto the Track.

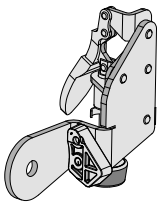
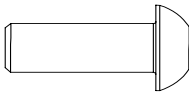
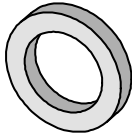


5-5 Align the track by slowly moving the Carriage along the track, working from one end to the other, tightening each of the back (4) M6 x 10mm Connector Bolts as you go.

Carriage Assembly - Crib Assembly

Step 6 - Channel Lock Installation (Grace Machines Only)

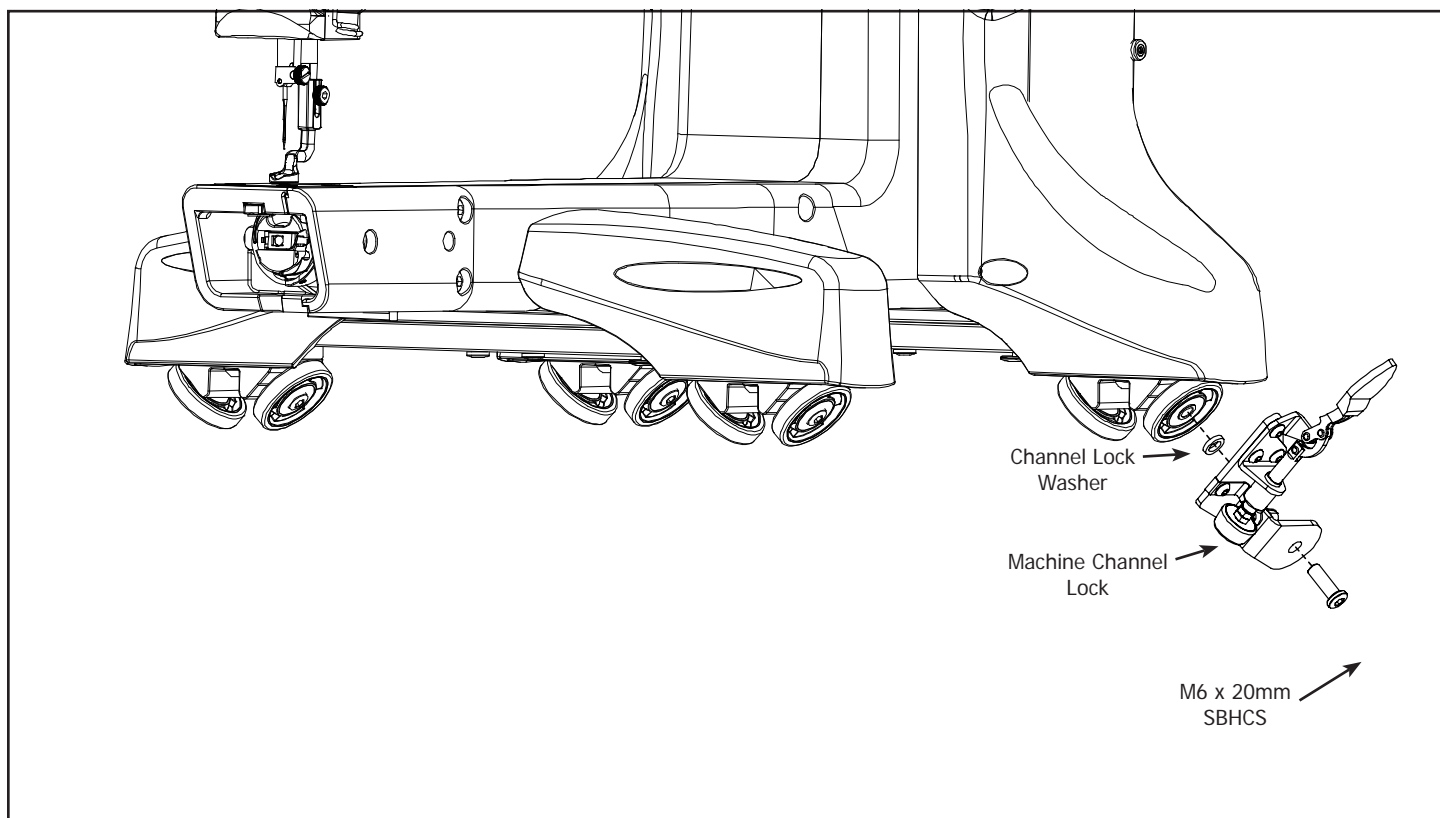
Parts Needed:

		
Machine Channel Lock (1)	M6 x 20 SBHCS (1)	Channel Lock Washer (1)

Tools Needed:

4mm Allen Wrench

IMPORTANT: If you are using a G-Series 2 Top Carriage and home sewing machine, please refer to your top carriage manual for instructions on preparing the top carriage and machine. When finished, continue with frame instructions on page 29.

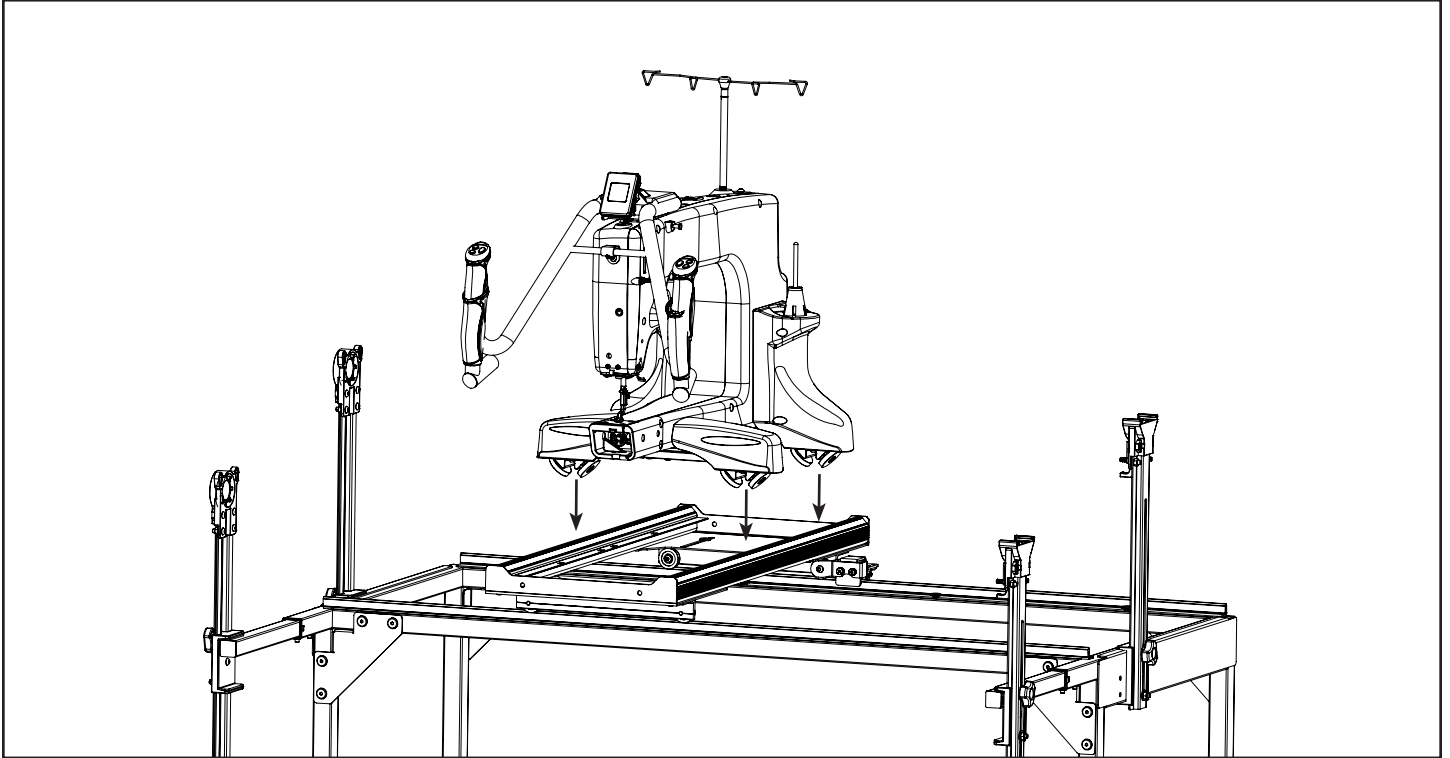


6-1 Remove the Right Rear M6 x 16mm SBHCS from the Sewing Machine and install the Machine Channel Lock using (1) M6 x 20mm SBHCS as shown.

Note: See Step 12 for Channel Lock Adjustment.

Machine Assembly - Crib Assembly

Step 7 - Sewing Machine Installation



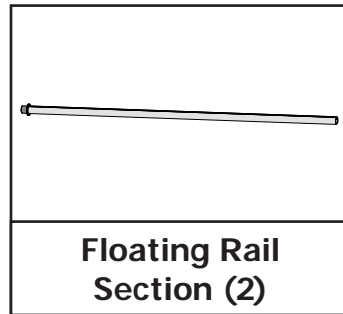
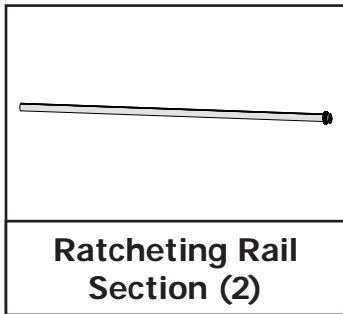
7-1 Place the Sewing Machine onto the Carriage, with Channel Lock in open position.

Note: See your Sewing Machine Instructions for Encoder installation instructions.

Machine Assembly - Crib Assembly

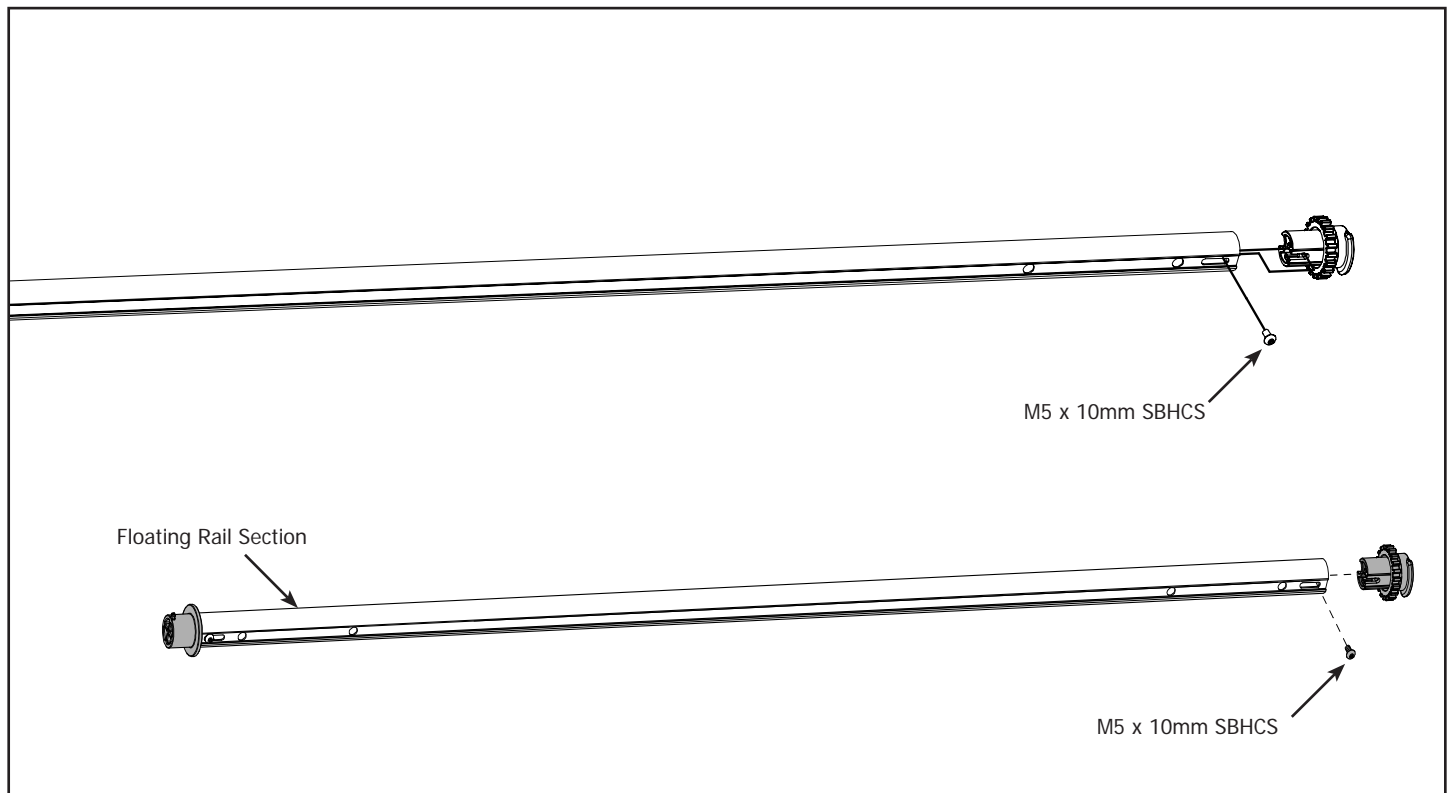
Step 8 - Rail Assembly

Parts Needed:



Tools Needed:

3mm Allen Wrench

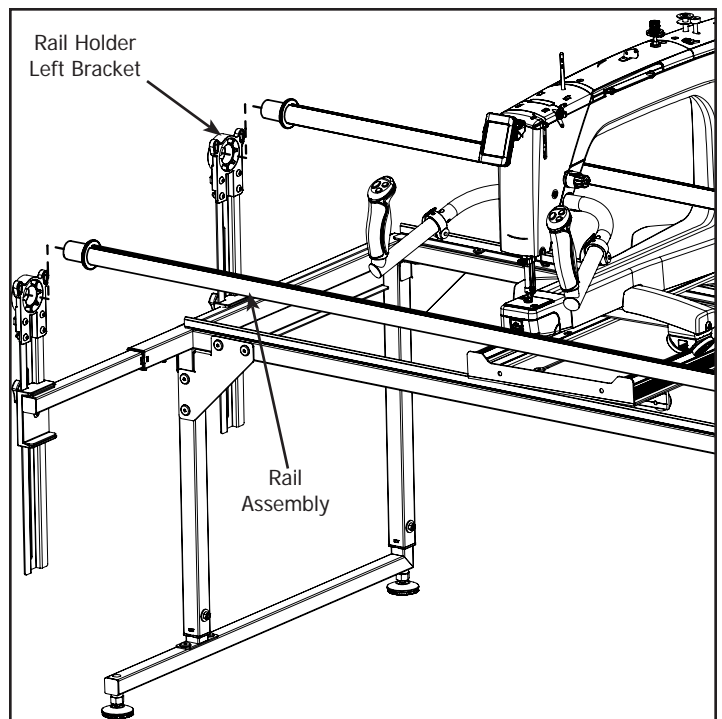
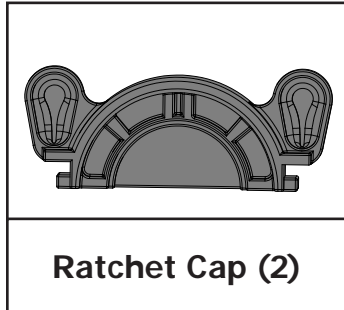


8-1 Remove the Ratchet Wheel from (2) of the Ratcheting Rail Sections and insert them into the (2) Floating Rail Sections.

Rail Assembly- Crib Assembly

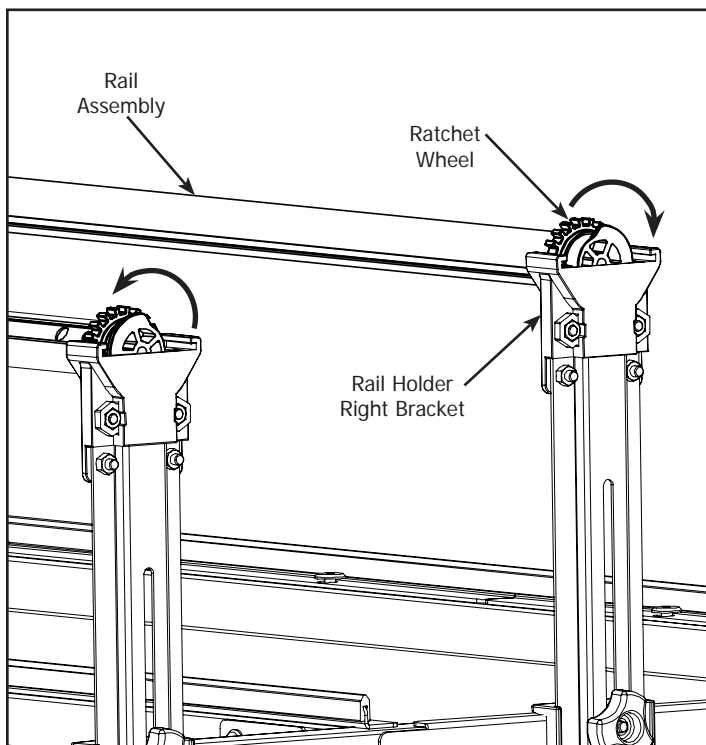
Step 9 - Rail Installation

Parts Needed:

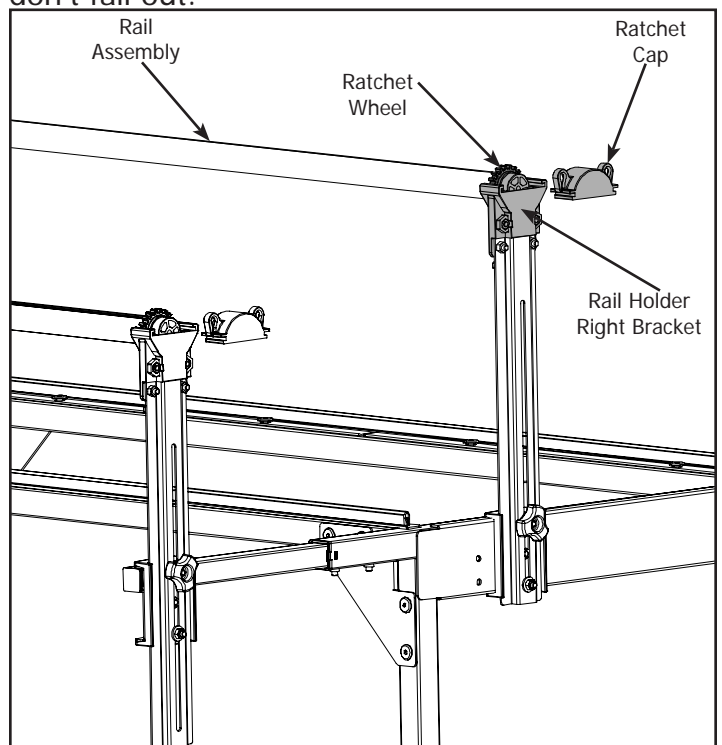


9-1 Slide a Rail Assembly through the throat of the sewing machine and into the back Rail Holder Left Bracket. Install the remaining Rail Assembly into the front Rail Holder Left Bracket.

Note: If the rails fall out of Rail Holder Left Bracket Push the bottom of the legs out to ensure the rails don't fall out.



9-2 Rotate the Rail Assemblies so the tab on the Ratchet Wheel is down into the Rail Holder Right Brackets.



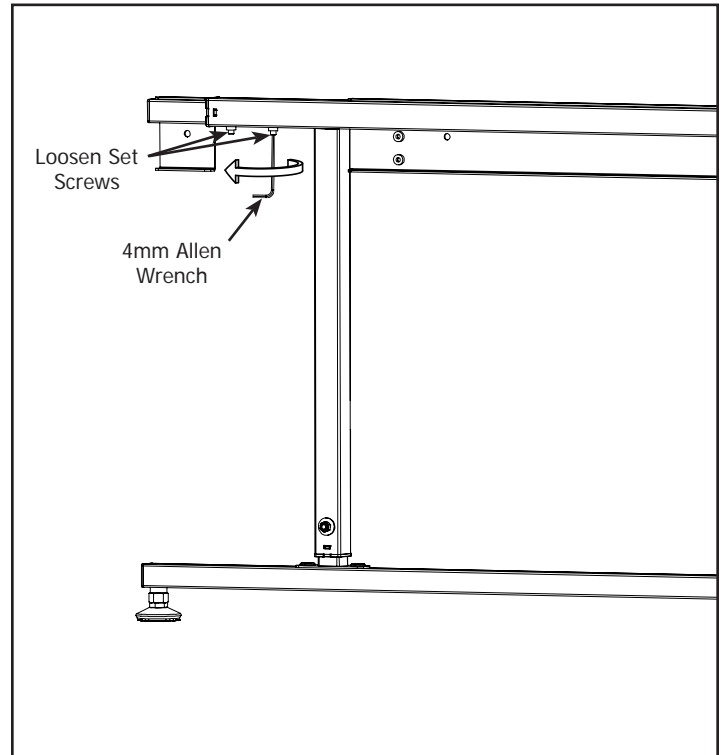
9-3 Place both Ratchet Wheels on Rail Assemblies into the Rail Holder Right Brackets. Slide the Ratchet Caps onto the Rail Holder Right Brackets.

Frame Setup - Crib Assembly

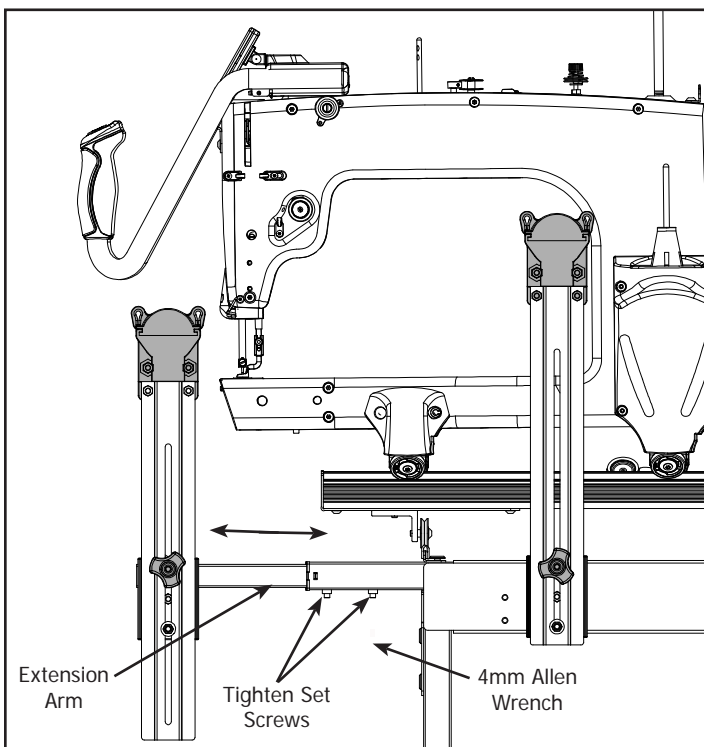
Step 10 - Extension Arm Adjustment

Tools Needed:

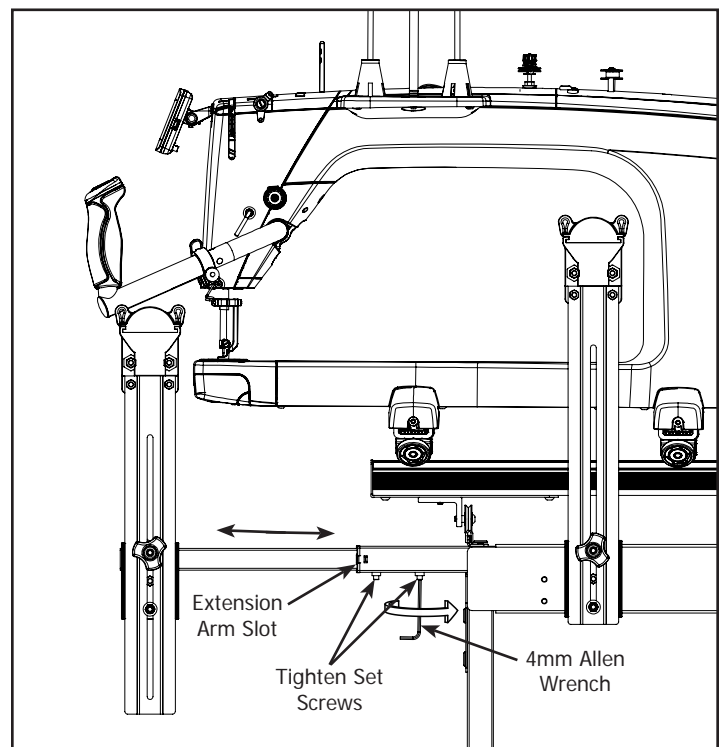
4mm Allen Wrench



10-1 Loosen set screws without removing from the frame end.



10-2 For machines with a throat less than 16", move the Machine as far forward as possible and adjust the Extension Arms so the Front Rail is 1" from the front of the Machine. Tighten the Set Screws.



10-3 For machines with a throat greater than 16", adjust the Extension Arms to the slot. Tighten the Set Screws.

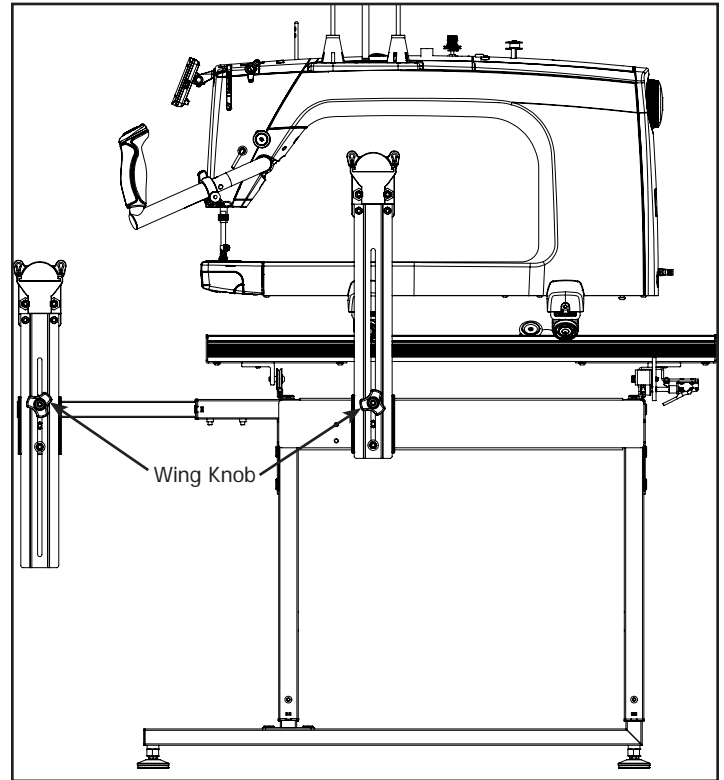
Frame Setup - Crib Assembly

Step 11 - Adjusting the Rail Holder Brackets

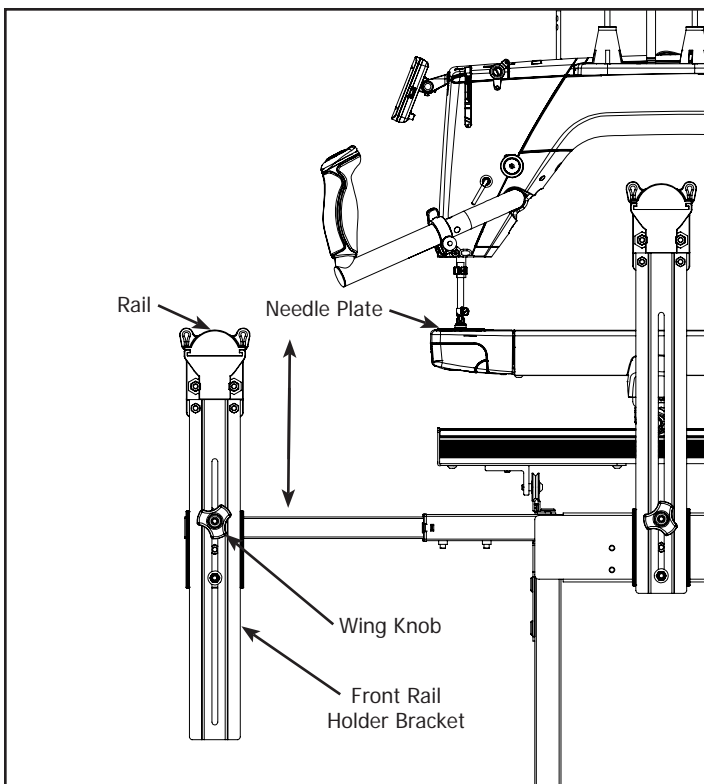
Tools Needed:

4mm Allen Wrench

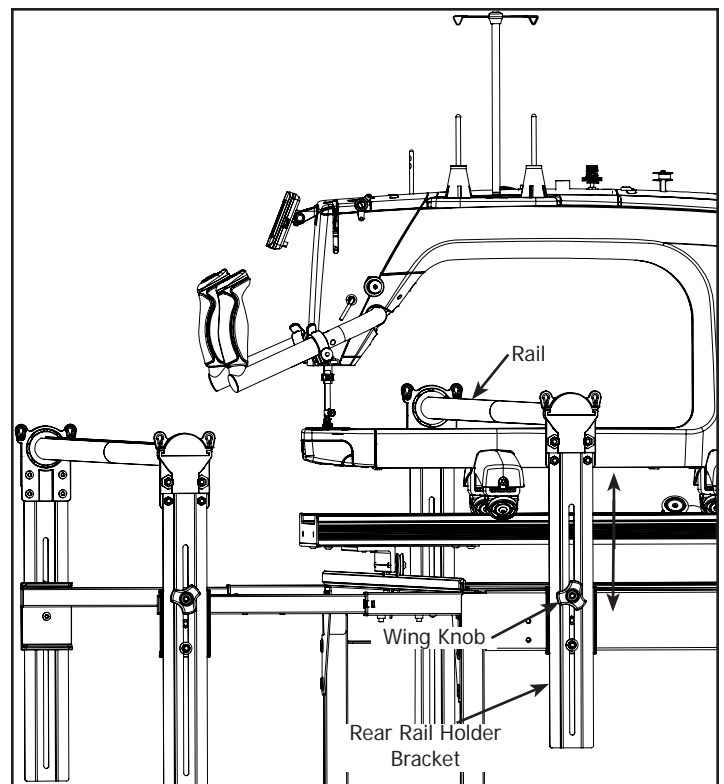
10mm & 13mm Open End Wrench



11-1 Loosen the Wing Knobs on each of the rail holders.



11-2 Move the Front Rail Holder Bracket so the top of the Rail is even with the Needle Plate. Tighten the Wing Knobs.



11-3 Adjust the Rear Rail Support Holder Bracket so the Rail is approximately 1/4 inch from the throat of the machine. Tighten Wing Knobs.

Frame Setup - Crib Assembly

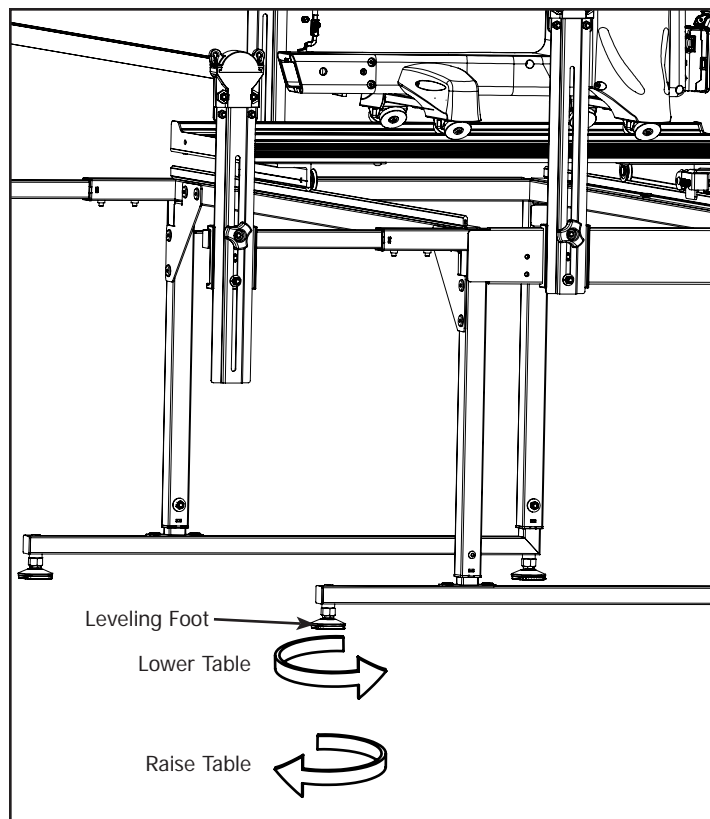
Step 12 - Basic Setup

Tools Needed:

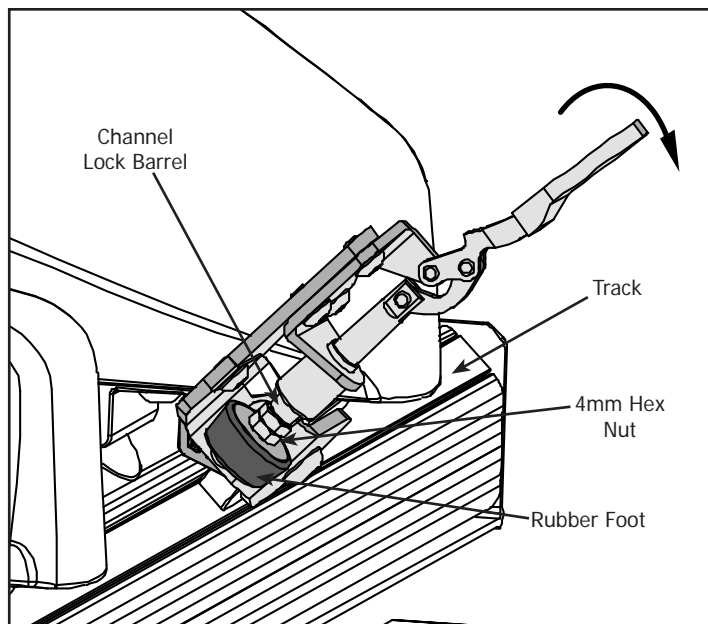
3mm Allen Wrench

10mm & 13mm Open End Wrench

14mm & 17mm Open End Wrench

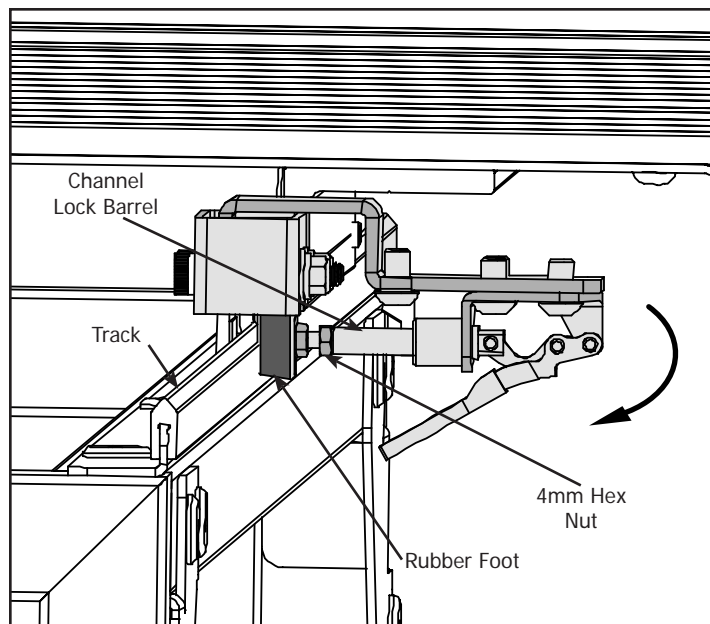


12-1 Adjust the Leveling Feet to level the frame and make sure it is stable. Adjust so the Carriage and Machine do not move on their own.



12-2 Rotate the Channel Lock handle down. To adjust the Channel Lock, twist the Rubber Foot until it presses against the track. Turn the 4mm upper Hex Nut 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.



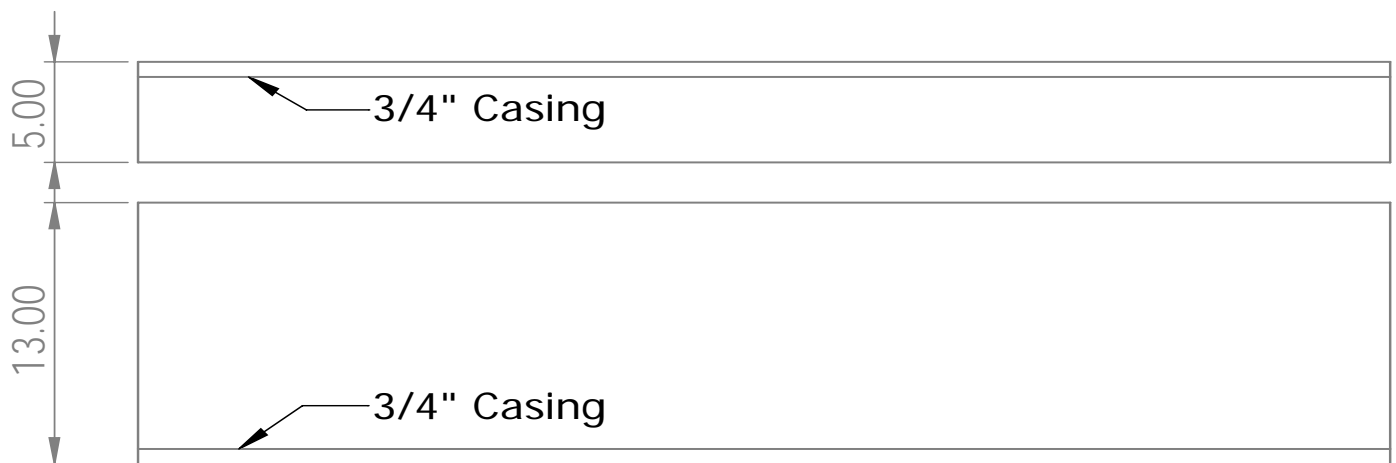
12-3 Rotate the Channel Lock handle down. To adjust the Channel Lock, twist the Rubber Foot until it presses firmly against the track. Turn the 4mm upper Hex Nut until it is snug against the Channel Lock barrel.

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

Fabric Installation

Fabric Installation

Step 13 - 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, 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 88", 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 ½" 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 ¾" from the fold. This will leave about ¼" 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).

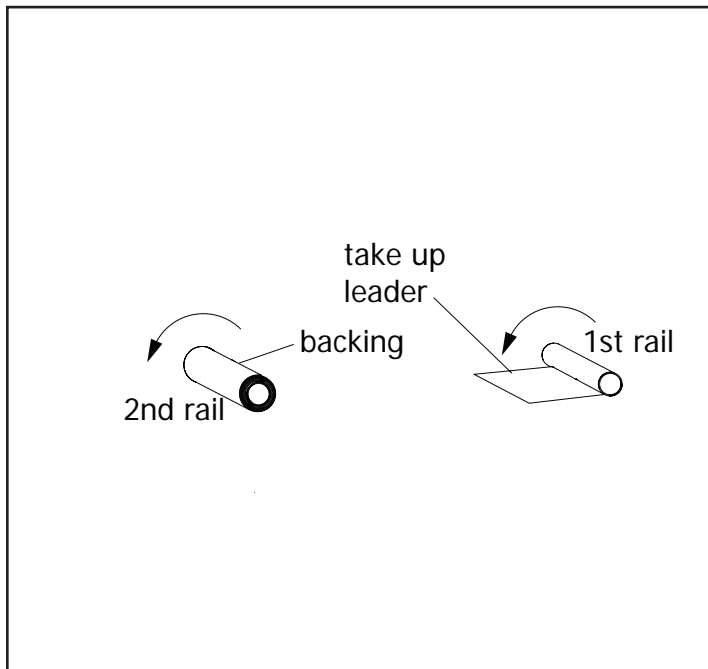
6: Mark (or baste) a straight line about ½" in from the opposite (non-hemed, or non-dashed) end of the leader. This will be the line to which you attach your fabric layer.

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.

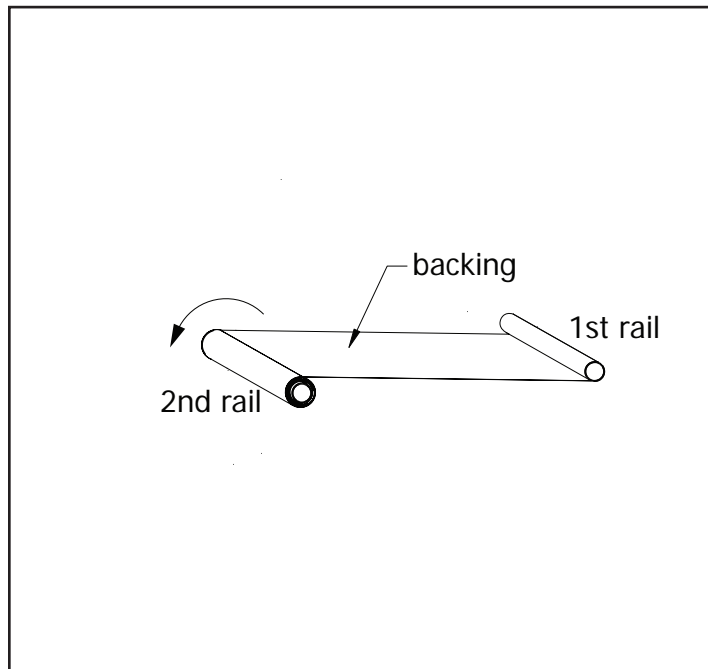
Fabric Installation

Step 14 - Installing Fabric Layers onto Rails

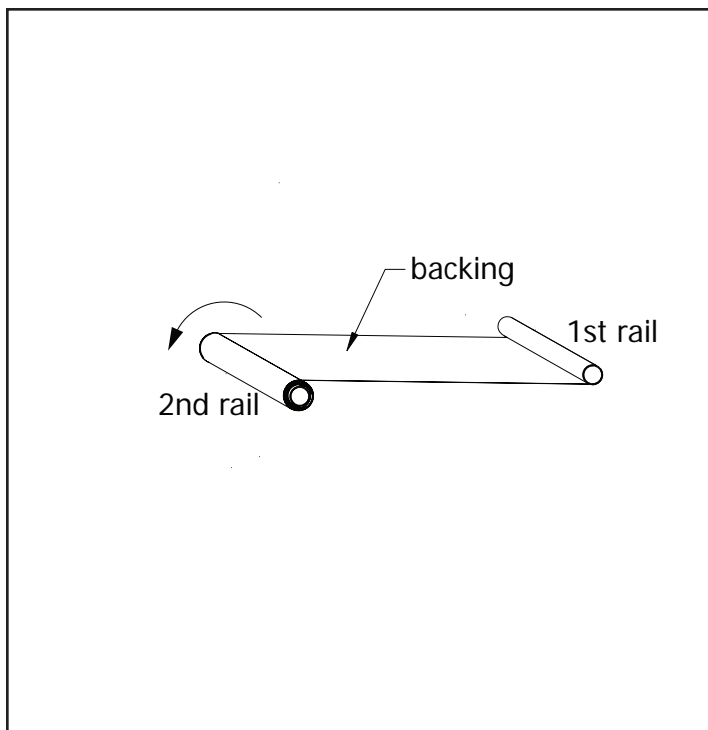


14-1 Line up the center of your Backing Fabric with the center of the Cloth Leader on the 2nd Rail. Pin the back edge of the Backing Fabric to the Leader Cloth.

Note: Backing Cloth should be finished side down.

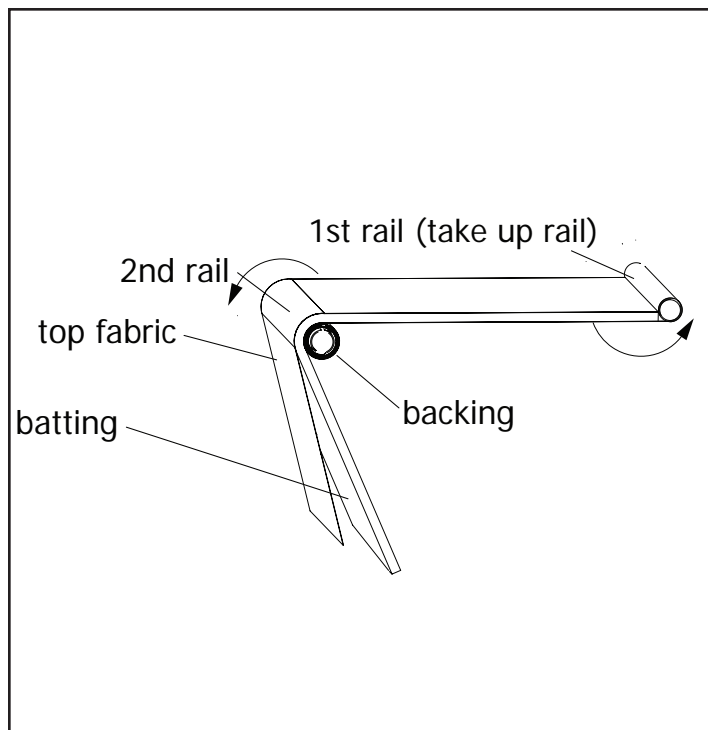


14-2 Pin the top edge of the Backing Fabric along the straight line of the 1st Rail Leader Cloth. Smooth and drape the excess material off the front of the quilting frame.



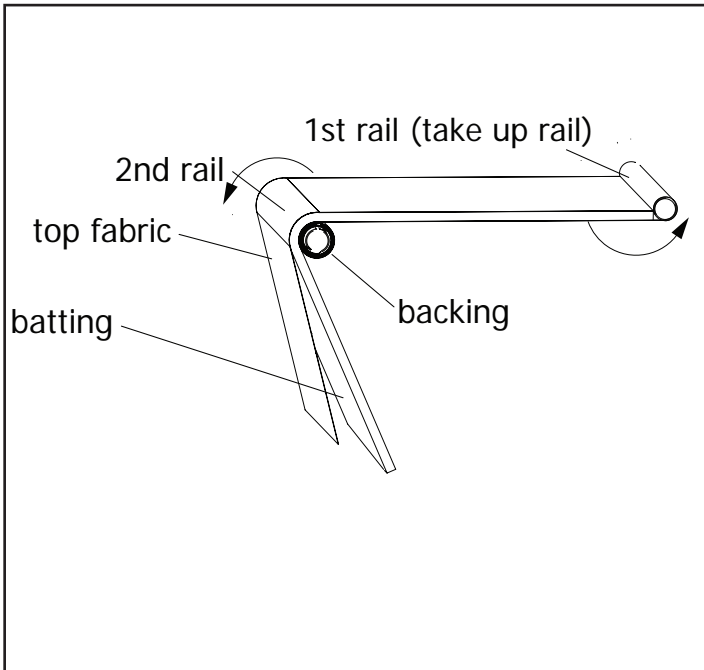
14-3 Roll your leader and Backing Fabric onto the 2nd Rail completely.

Note: Smooth out any wrinkles and make sure fabric stays lined up. Do not stretch or pull fabric.

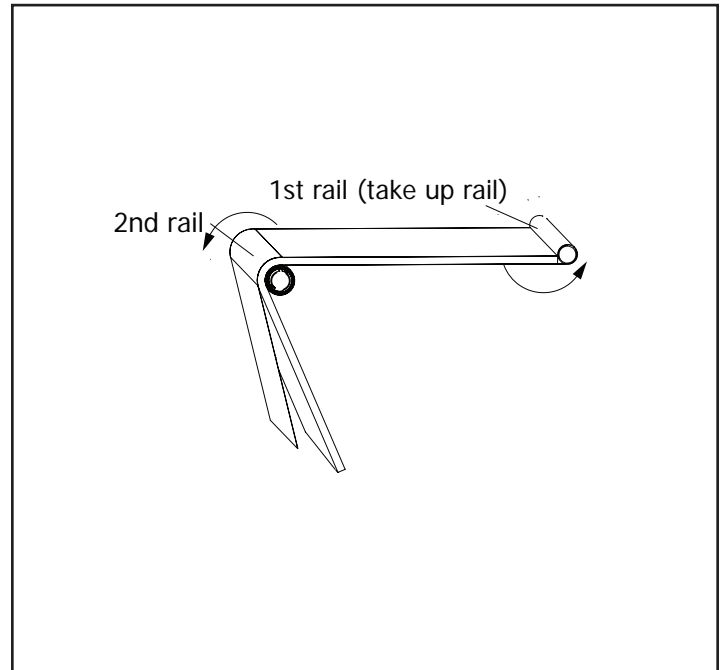


14-4 Lay the Batting along the pin line of your Backing Fabric on the 1st Rail Leader Cloth. Smoothly lay it over the Backing Fabric and drape the excess off the front of the quilting frame.

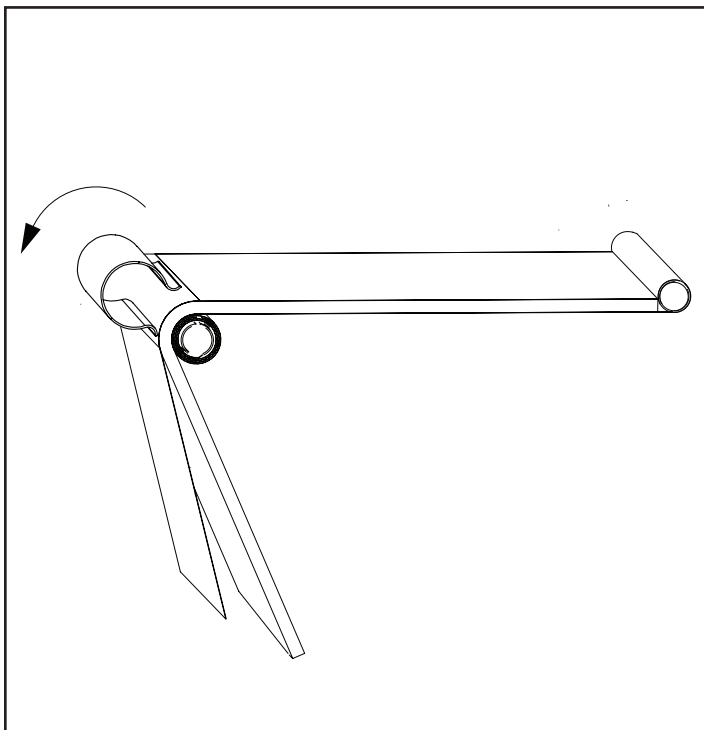
Fabric Installation



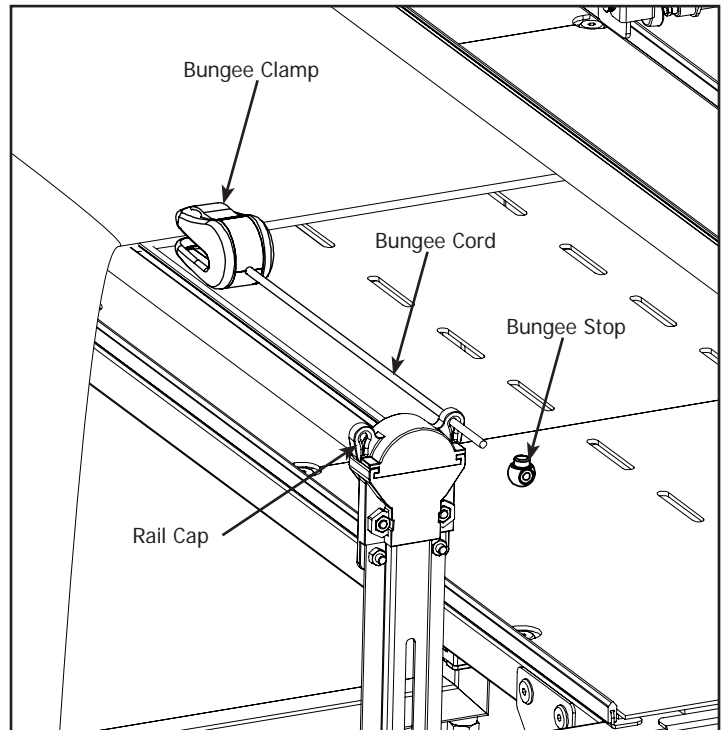
14-5 Lay the Top Fabric over the Batting and pin to the 1st Rail Leader Cloth. Smoothly lay it over the Batting and drape the excess off the front of the quilting frame.



14-6 When you have completed your work area, disengage the ratchet stop on the 2nd Rail allowing it to roll freely. Roll the 1st Rail forward, rolling the completed work area onto the 1st Rail.



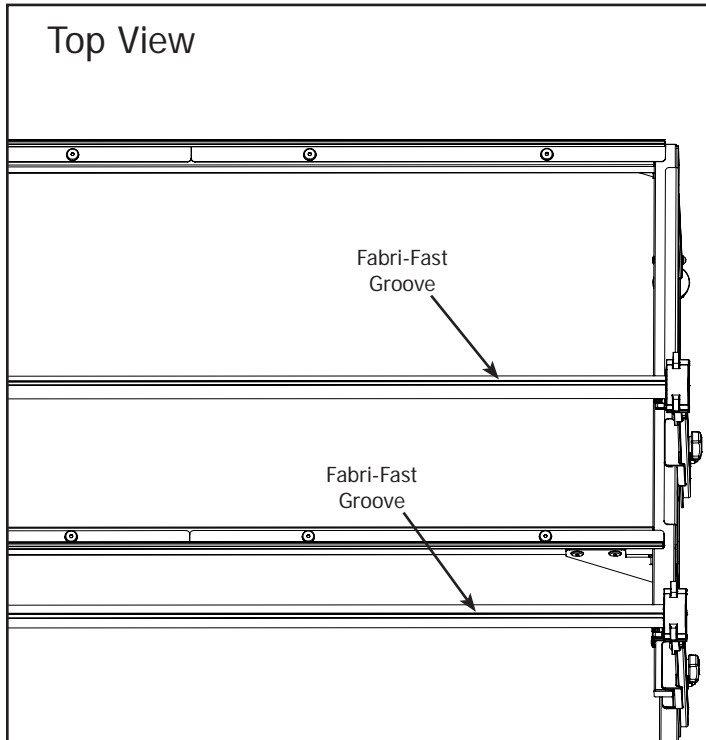
14-7 Place the C-Clamps over the Rails as shown. Rotate them to as directed by the arrows to secure the fabric in place.



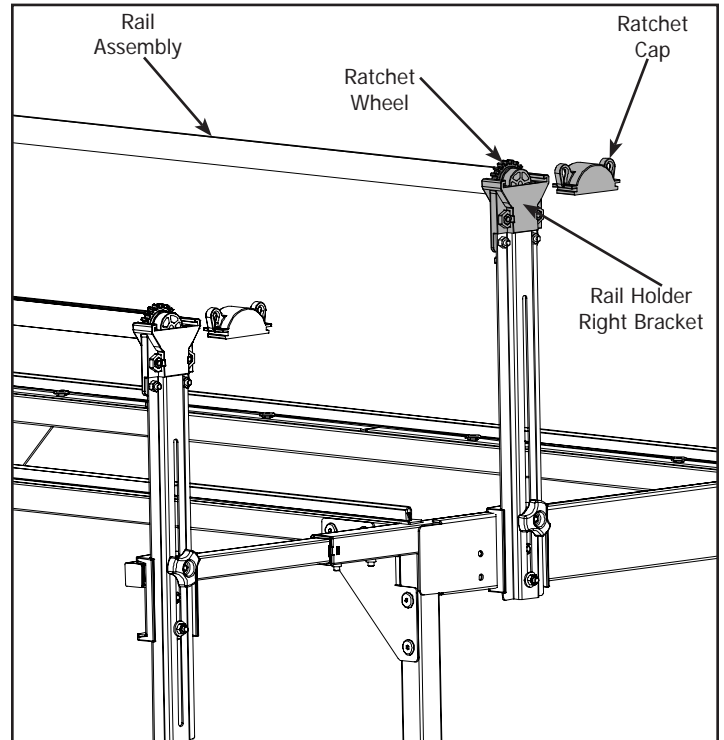
14-8 Attach Bungee Clamp to fabric and slide Bungee Cord through Ratchet Cap. Slide Bungee Stop onto bungee cord and pull bungee cord to tighten side of fabric.

Rail Removal

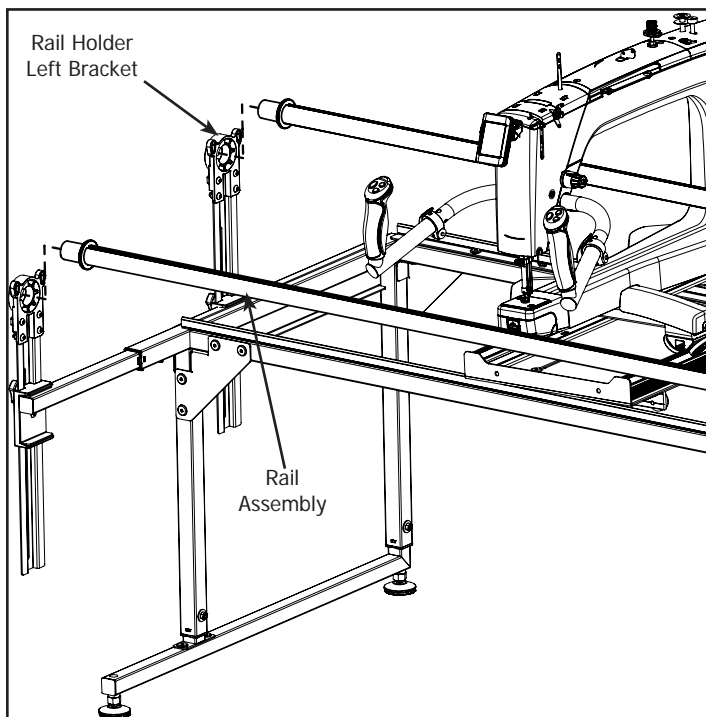
Step 1 - Rail Removal



15-1 Rotate the Rail Assemblies to have the Fabri-Fast groove is faced up.



15-2 Slide the Ratchet Caps off of the Rail Holder Right Brackets.



15-3 Remove the front Rail Assembly from the Rail Holder Left Bracket. Slide the remaining Rail Assembly out of the Rail Holder Left Bracket and out through the throat of the sewing machine.

Quilting Accessories

The following accessories are available for your new Q-Zone Queen Machine Quilting Frame.

Each is designed to make your quilting projects easier and even more beautiful.

They can all be purchased through your GraceFrame dealer, or directly from The Grace Company.

www.graceframe.com

1-800-264-0644

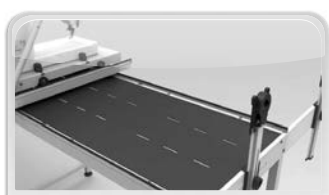


Table-Top Inserts

Table-Top inserts add more working area to your frame. Use them for the Plastic Pattern Perfect, or as a place to put pantographs to be traced with Gracie Laser.



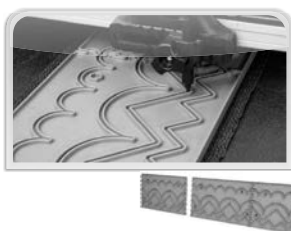
Sure Stitch Regulator

The GraceSure Stitch is both a stitch regulator and constant stitch speed control. As you speed up and slow down in Stitch Regulation Mode, so will your machine, keeping all of your stitches the same length. You can also use the SureStitch for a constant speed that you can adjust with the push of a button.



Start-Right Cloth Leaders

Start-Right Cloth Leaders save time during your project and help you attach fabric to your frame easily and accurately. The included three cloth leaders are printed with precise guide marks and pin lines.



Plastic Pattern Perfect

For perfect patterns every time, use the Plastic Pattern Perfect! The stylus attaches right to your carriage, and then guides your machine through the pattern templates as you move the carriage.

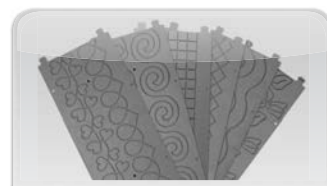
Note: Table-top inserts must be installed to use these templates.



Gracie Laser

Pattern tracing is easier than ever before with the Gracie Laser.

- Attaches to the front or back of your frame's carriage!
- Swivel and lock the stylus at any angle
- Battery powered, no cords to get in the way
- Comes with four different laser tips to control the size of the laser.



Plastic Pattern Perfect

Additional Templates

6 additional patterns to choose from, with more being added all the time! These additional patterns work with the stylus from the basic Plastic Pattern Perfect. They come in a set of 2 or a set of 6 for your whole frame.

Order online, or give us a call at:

www.graceframe.com

1-800-264-0644

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2225 South 3200 West
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