

QuiltMotion

Quilter's Creative *Touch 5* 
PRO

Assembly and Installation Instructions



Copyright March 1, 2022
Grace Company
Version 2.3

Table of Contents

Helpful Terms.....	3	Bernina Frame.....	91
Welcome to QuiltMotion.....	4	Task 5: Tension the Long Belt.....	92
Part One.....	6	Majestic Frame	97
Task 1: Organize Parts.....	7	Task 5: Tension the Long Belt.....	98
Task 2: Install the Sewing Board	8	Gracie King/Queen Frame.....	105
Choose Your Bottom Carriage.....	12	Task 5: Tension the Long Belt.....	106
Task 3: Install the Motor Plate.....	13	Part Two	111
Style One Bottom Carriages.....	13	Choose Your Quilting Machine or Top Plate....	112
Task 4: Prepare the Bottom Carriage	15	Q'nique 15 & Q'nique 19 Series.....	114
Task 3: Install the Motor Plate.....	18	Task 6: Tension the Short Belt.....	115
Style Two Bottom Carriage	18	Q'nique 21 Series.....	119
Task 4: Prepare the Bottom Carriage	20	Task 6: Tension the Short Belt.....	120
Task 3: Install the Motor Plate.....	23	Cutie Frame Top Plate	125
Cutie Bottom Carriage.....	23	Task 6: Tension the Short Belt.....	126
Task 4: Prepare the Bottom Carriage	26	G-Series 1, G-Series 2, & Pro Top Plates	129
Choose Your Frame	28	Task 6: Tension the Short Belt.....	130
Cutie Table-Top Frame.....	31	Part Three	133
Task 5: Tension the Long Belt.....	32	Choose Your Quilting Machine or Top Plate....	134
Continuum II Frame.....	36	Q'nique 15 Series.....	136
Task 5: Tension the Long Belt.....	37	Task 7: Install the Tablet Tray.....	137
Continuum Frame	43	Task 8: Attach the Cables.....	140
Task 5: Tension the Long Belt.....	44	Q'nique 19 Series.....	142
Q-Zone Queen Frame.....	49	Task 7: Install the Tablet Tray.....	143
Task 5: Tension the Long Belt.....	50	Task 8: Attach the Cables.....	146
Q-Zone Hoop Frame Pro.....	56	Q'nique 21 Series.....	149
Task 5: Tension the Long Belt.....	57	Task 7: Install the Tablet Tray.....	150
Q-Zone Hoop-Frame	63	Task 8: Attach the Cables.....	152
Task 5: Tension the Long Belt.....	64	Cutie Frame Top Plate	154
Q'nique Frame.....	70	Task 7: Install the QCT Tablet Tray	155
Task 5: Tension the Long Belt.....	71	Task 8: Attach the Cables.....	158
GQ, Pinnacle, & Next Generation Frames	77	G-Series 1 Rev. 2 Top Plate.....	161
Task 5: Tension the Long Belt.....	78	Task 7: Install the Tablet Tray.....	162
SR2 Frame	84	Task 8: Attach the Cables.....	165
Task 5: Tension the Long Belt.....	85		

G-Series 1 Rev. 1 & Pro Top Plates	167
Task 7: Install the Tablet Tray.....	168
Task 8: Attach the Cables.....	171
G-Series 2 Top Plate.....	173
Task 7: Install the Tablet Tray.....	174
Task 8: Attach the Cables.....	177
Task 9: Cable Management	179
Free-Motion Quilting	182
Included Parts and Tools.....	184

Helpful Terms

Domestic Sewing Machine: A standard sewing machine for at-home use. It is stationary, and fabric is usually fed into it.

Quilting Machine: A non-stationary sewing machine that moves over stationary fabric.

Top Plate: A wheeled carriage with handles that allows a domestic sewing machine to be moved over the fabric rather than requiring the fabric to be moved into the path of the sewing machine.

Welcome to QuiltMotion

We are pleased to introduce you to the newest part of your quilting setup. QuiltMotion is an automation system that can assist you in creating quality quilts even faster and easier.

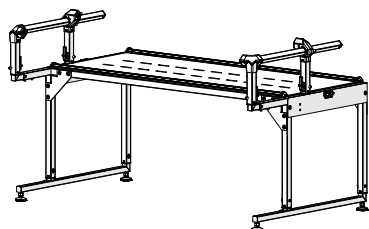
Don't panic when you see the number of parts inside this kit. QuiltMotion accommodates a range of frames and machines and you will not need to use all the parts in your setup.

This manual is broken into three sections (or parts). Notifications at the end each of each section will direct you to switch to your quilting machine manual or frame manual for instructions on assembling those products. This creates a streamlined process of building an automated quilting setup in the most efficient way. Use the following flowchart to guide you in navigating multiple manuals. If you are not using one of the products in the flowchart, just move to the next item in the chart.

If you are installing QuiltMotion on a frame and machine you have already setup, that's great! Simply remove your machine and frame's take up rail and then follow all the parts of this manual in order.

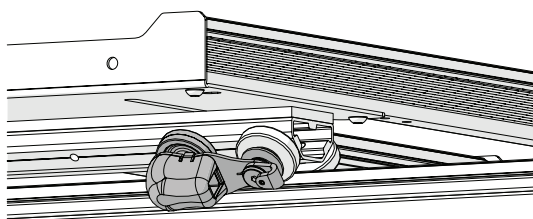
Thank you again for choosing us to help your quilting projects. We look forward to working with you.

- The Grace Company



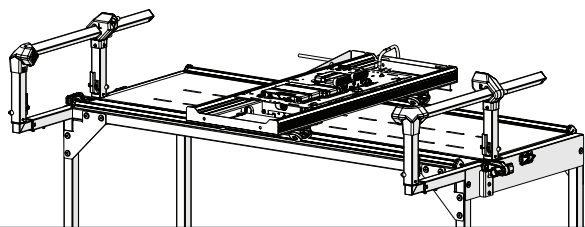
Start Here: Frame Manual: Part One

- Assemble the frame's legs, table, and sides.
- Install the channel lock onto the bottom carriage.
- Align your tracks.



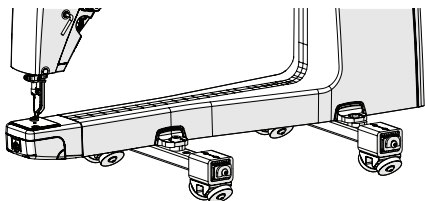
Quilting Machine Manual: Part One

- Install the lower encoder onto the bottom carriage.



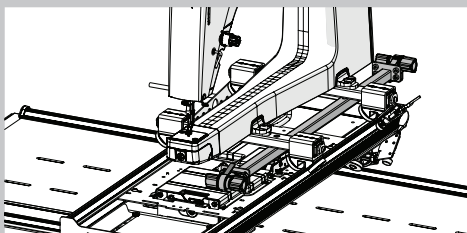
QuiltMotion Manual: Part One

- Prepare the bottom carriage.
- Install the long belt across the frame.



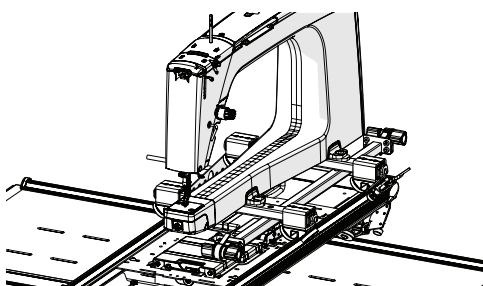
Quilting Machine Manual: Part Two

- Install your machine's wheels.
- Align your wheels.



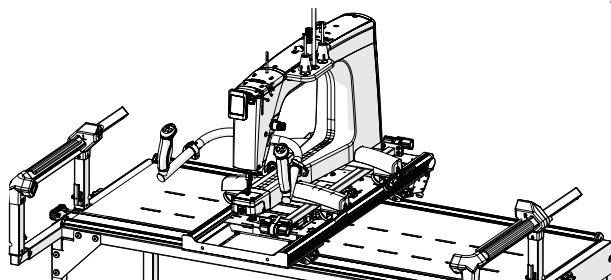
QuiltMotion Manual: Part Two

- Install the short belt.
- Tension the short belt.



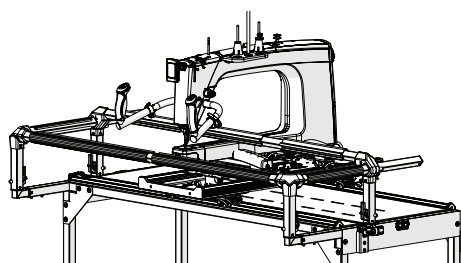
Frame Manual: Part Two

- Install the channel lock on the machine or top plate.
- Prepare the top plate and home sewing machine.
- Place the machine or top plate on the frame.



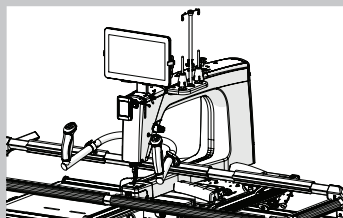
Quilting Machine Manual: Part Three

- Install the wheel covers, display, handles, thread mast.
- Install the upper encoder.



Frame Manual: Part Three

- Install the rails and fabric bungees.
- Position and adjust the rails.
- Adjust the carriage stop.
- Level the frame.



QuiltMotion Manual: Part Three

- Install the tablet bracket.
- Plug in QuiltMotion.

QCT Software Manual

- Install Quilter's Creative Touch
- Register for the software.

Part One

Progress Checkpoint

Have you:

- Assembled the frame's legs, table, and sides?
- Installed the channel lock onto the bottom carriage?
- Aligned your frame tracks?
- Installed the lower encoder on the bottom carriage (Quilting Machine users only)?
- Removed the frame's take-up rail if it is installed?
- Removed the machine from the frame if it is installed?

If not, see your frame and machine manual for instructions on completing these steps before beginning Task One of QuiltMotion on the next page.

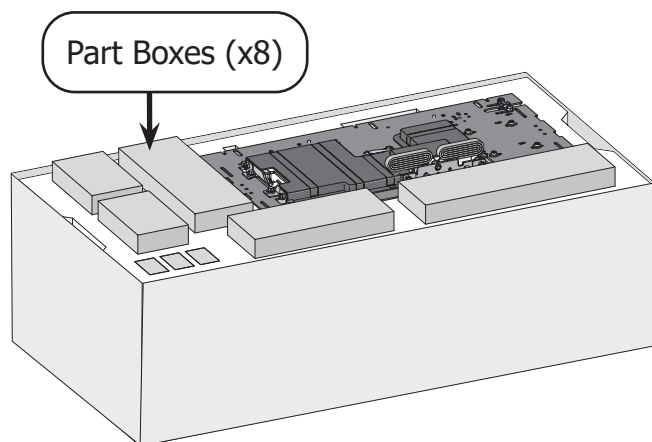
Task 1: Organize Parts

QuiltMotion is designed to provide automation for many frames, carriages, and machines. Not all of the parts included in this kit will be needed for your specific setup. For your convenience, parts have been packaged into boxes A-Z according to type and purpose, and the instructions will direct you to the part boxes needed for each task.

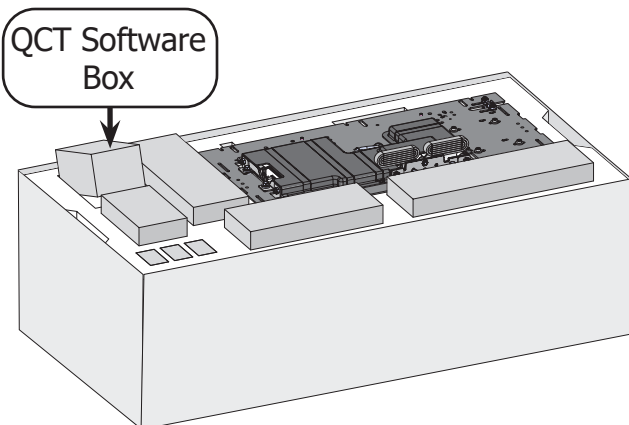
Instructions

Some part boxes need to be set aside for use in later tasks. Please take the following steps:

- 1 Clear away any packing foam to reveal level one of **part boxes**.



- 2 Find the box labeled "**QCT Software**" and place this box aside to be used in a later step.

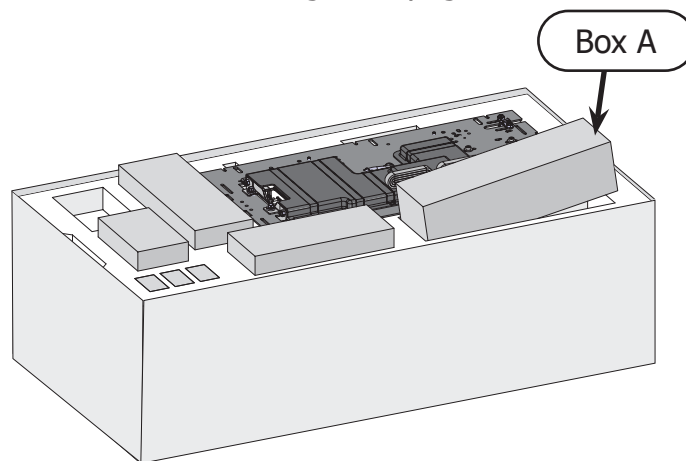


- 3 If you will be using a top plate and domestic sewing machine:

- Continue on to Task 2: Installing the Sewing Board.

If you will be using a quilting machine:

- Set **box A** aside with the QCT box.
- Skip Task 2, and go to "Choose Your Bottom Carriage" on page 12.



Task 2: Install the Sewing Board

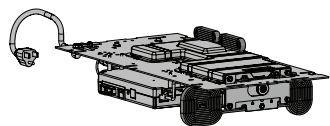


Only take the following steps if you are using a top plate and a home sewing machine.

If you are using a Q'nique quilting machine, continue to "Choose Your Bottom Carriage" on page 12.

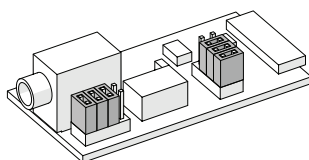
Parts & Tools Needed:

Motor
Plate



(Main Box)

Short Arm
Sewing Board

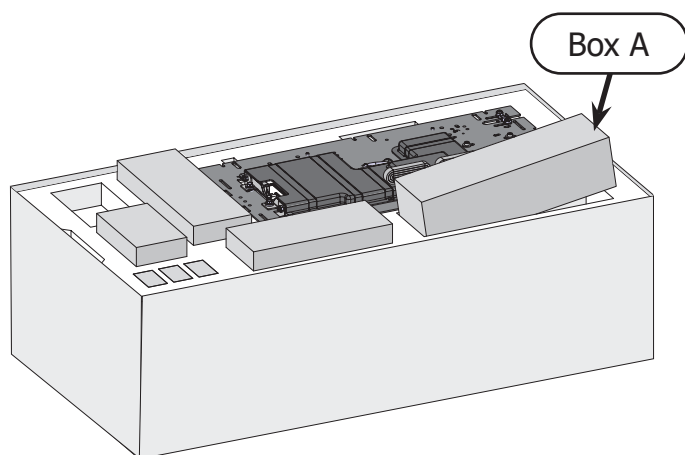


(Box A)

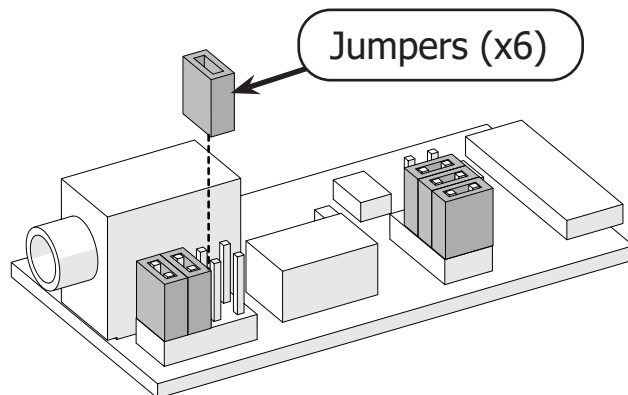
Instructions

Take the following steps to install the short arm sewing board into the motor plate:

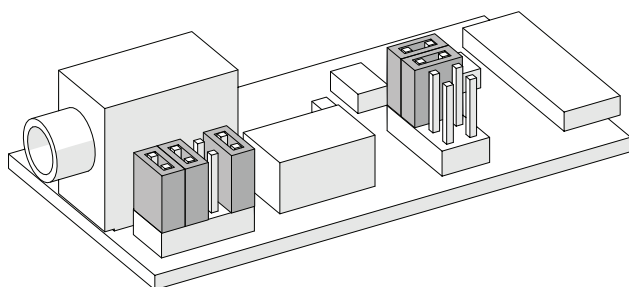
- 1 Open **box A** and find the short-arm sewing board. Set the rest of box A aside with the QCT box.



- 2 Unplug the six **jumpers** in the short arm sewing board.

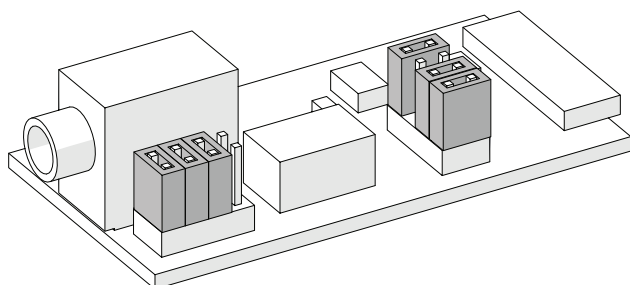


- 3 Find your sewing machine model in the list below and re-install the jumpers to match the configuration shown.



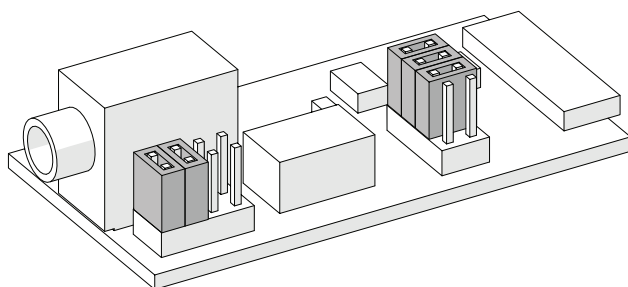
Configuration for:

- **Janome 6500**
- **Janome 6600**
- **Elna**



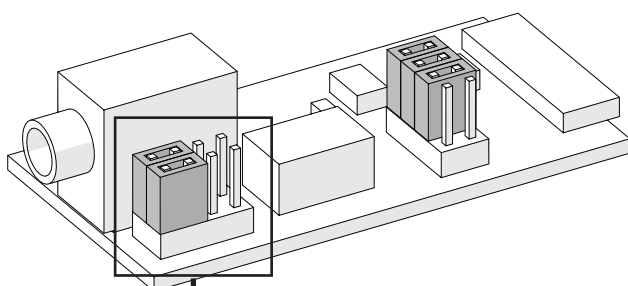
Configuration for:

- **Janome 1600**
- **Pfaf 1200**
- **Viking Mega Quilter**



Configuration for:

- **Juki TL98Q**
- **Juki TL98QE**

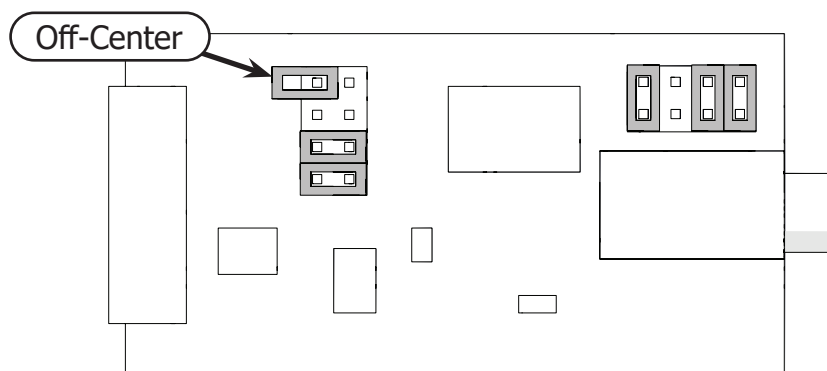


Configuration for:

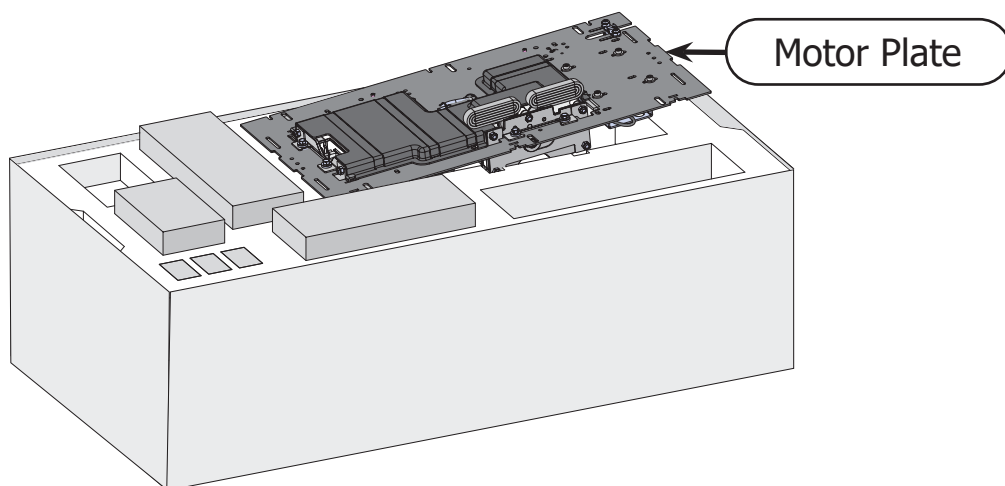
- **Juki TL2000Q**
- **Juki TL2010Q**

Note: These two jumpers are turned a different direction than in the other configurations.

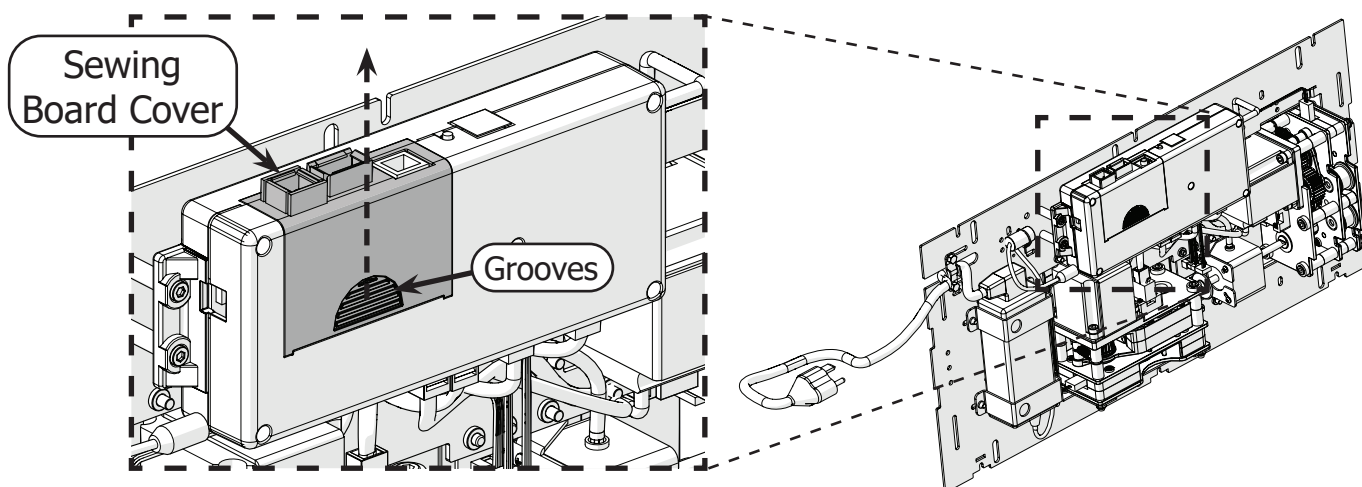
- 4 Not all sewing machine configurations use all six jumpers. If your machine does not use all six, place the extra jumpers **off-center** on an unused node.



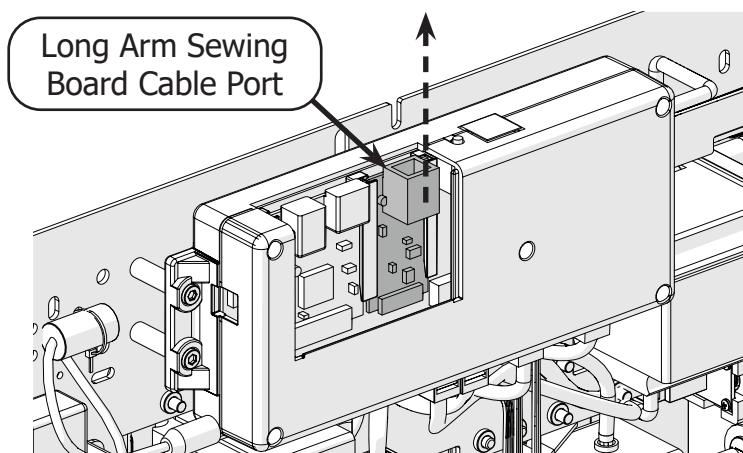
- 5 Take the **motor plate** out of the packaging.



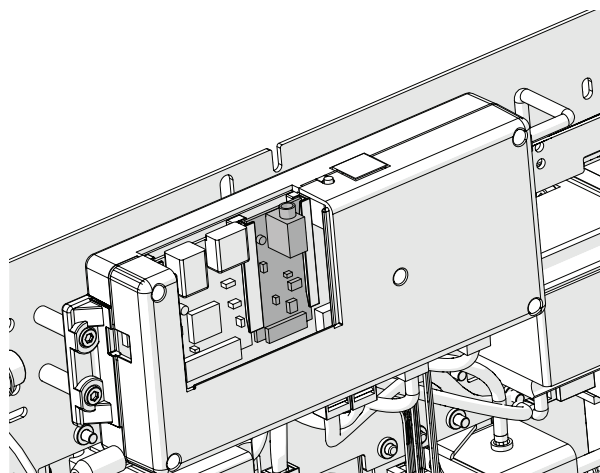
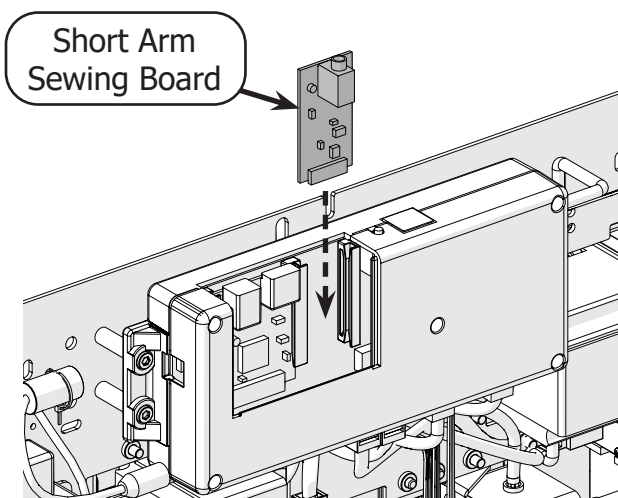
- 6 On the motor plate, remove the **sewing board cover** by pressing on the **grooves** and pulling the cover away.



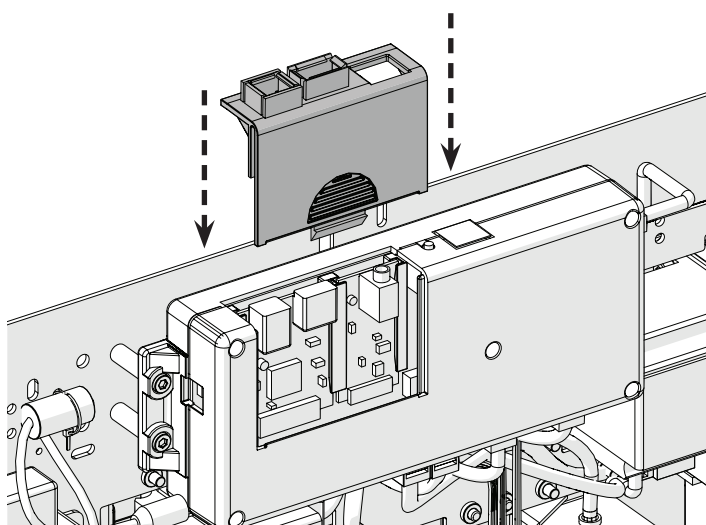
- 7 Pull the **long arm sewing board** out by the **cable port**. This board can be stored in box A for safe-keeping.



- 8 Insert the **short arm sewing board**. Make sure to push the board in all the way.



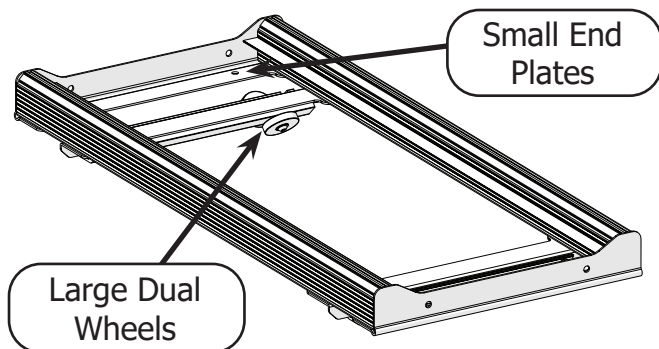
- 9 Replace the sewing board cover.



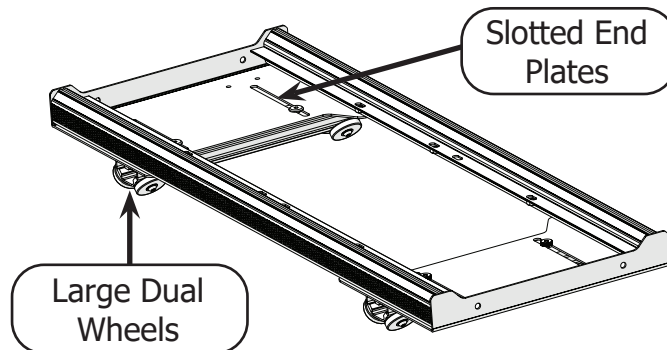
- 10 Continue to "Choose Your Bottom Carriage" on page 12.

Choose Your Bottom Carriage

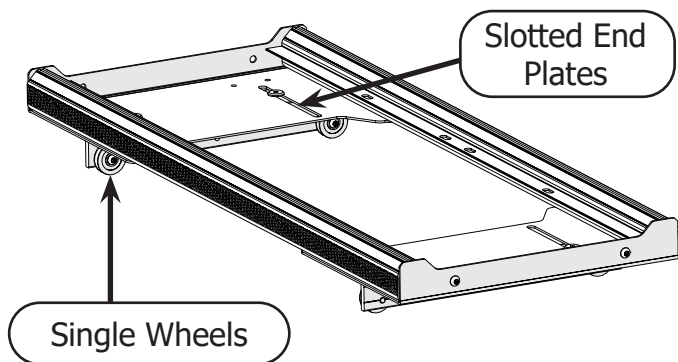
Compare your bottom carriage with the following images and turn to the corresponding page.



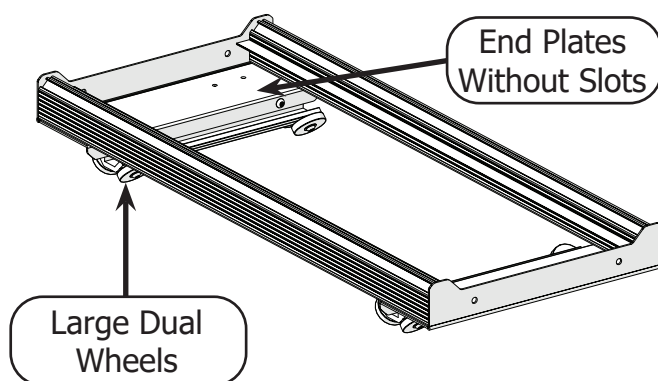
Turn to page 13



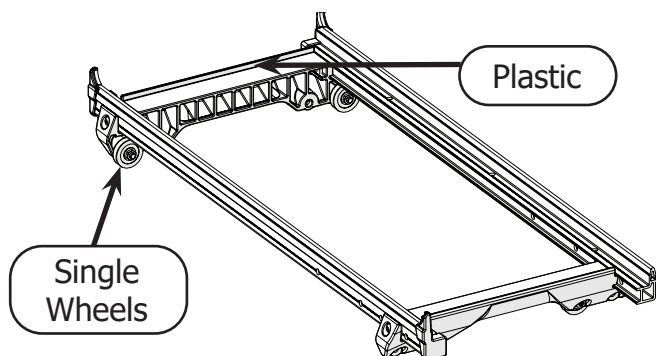
Turn to page 13



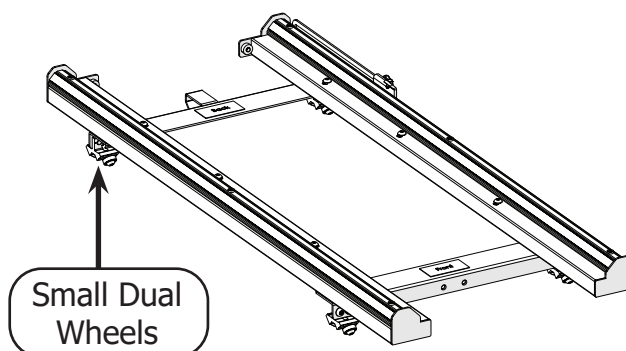
Turn to page 13



Turn to page 13

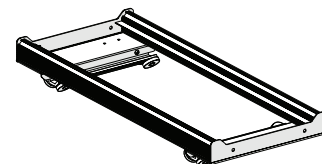
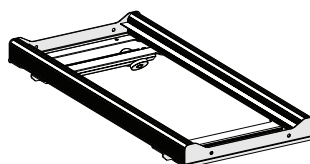
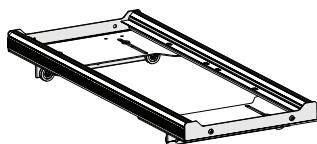
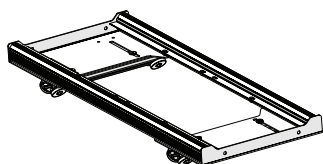


Turn to page 18



Turn to page 23

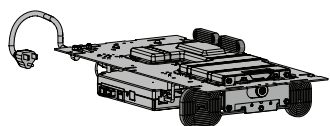
Style One Bottom Carriages



Task 3: Install the Motor Plate

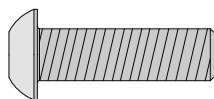
Parts & Tools Needed:

Motor Plate



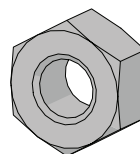
Main Box

SBHCS
M6 x 20 (x5)



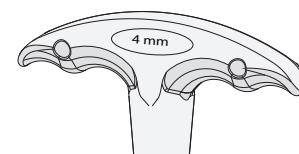
Box D

Hex Nut M6 (x5)



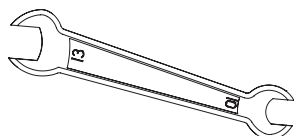
Box D

T- Handle
Allen Wrench 4 mm



(Box G)

Open-end Wrench
10 mm & 13 mm

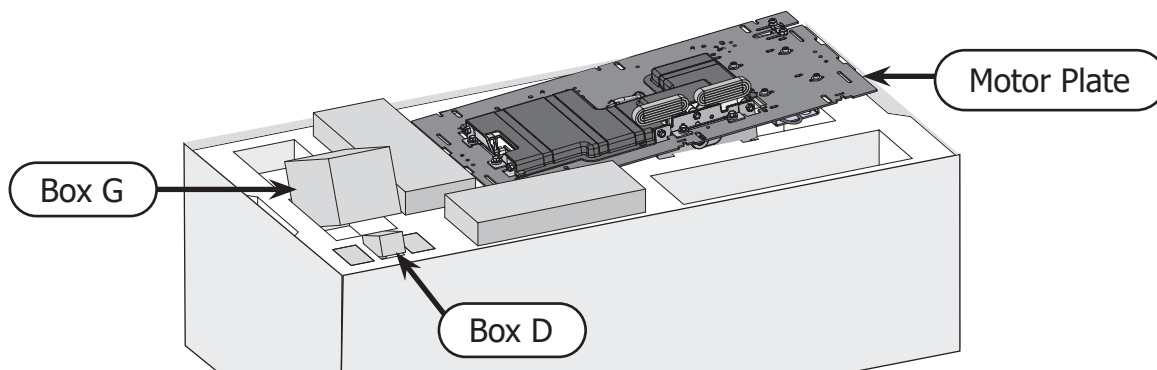


(Box G)

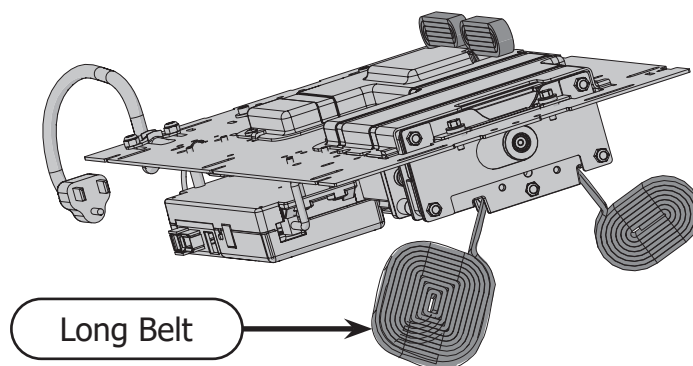
Instructions

Take the following steps to install the motor plate into the frame's bottom carriage:

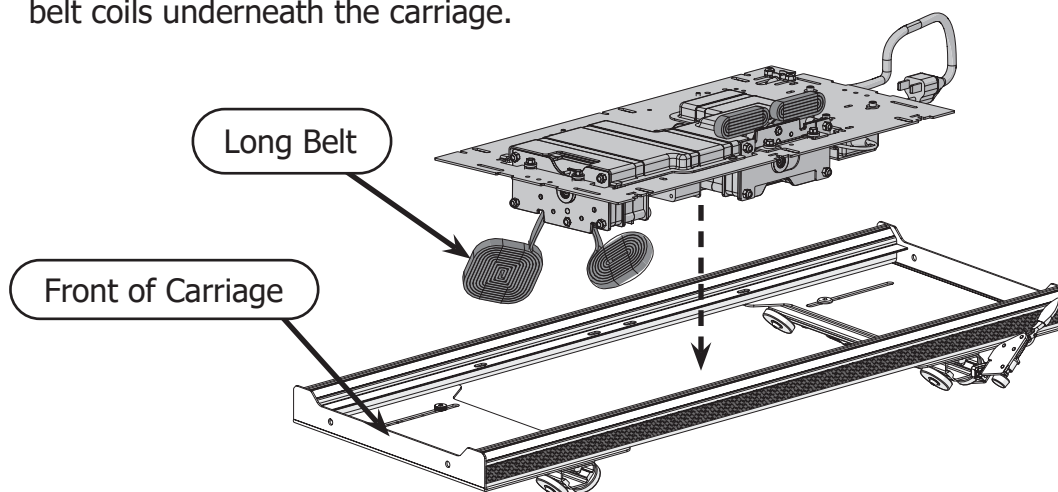
- 1 If not done already, remove the **motor plate** from the packaging and then find the parts and tools



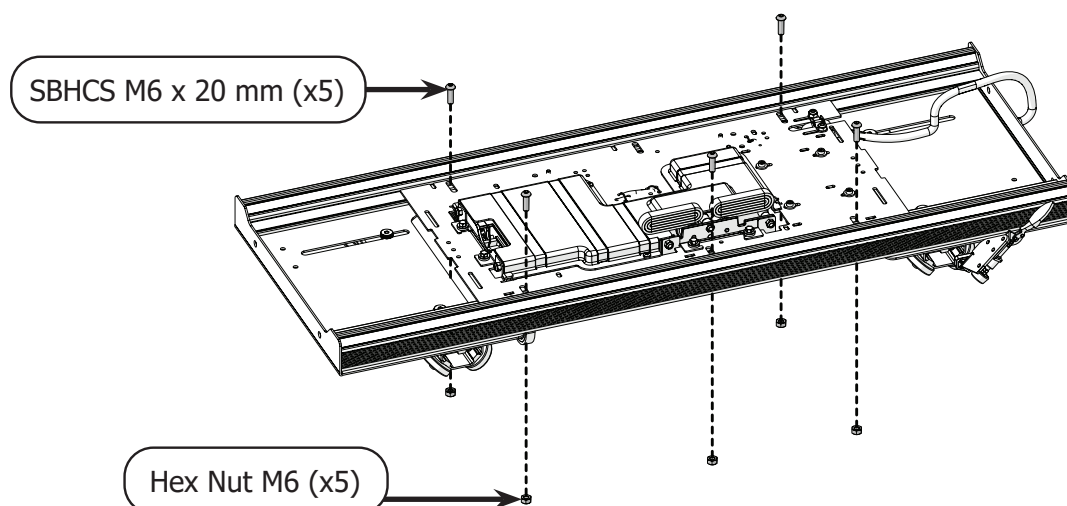
- 2 Remove the plastic wrapping around the motor plate. The coils of the **long belt** should hang loose underneath the motor plate.



- 3 Install the motor plate with the coiled **long belt** towards the **front of the carriage**. Fit the lower part of the motor plate through the opening in the middle of the carriage and lay the long belt coils underneath the carriage.



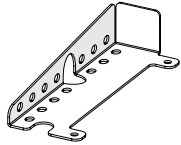
- 4 Use the five **M6 x 20 mm SBHCS** and the five **M6 hex nuts** to secure the motor plate. Tighten with the 4 mm Allen wrench and the 10 mm open-end wrench.



Task 4: Prepare the Bottom Carriage

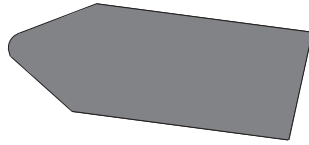
Parts & Tools Needed:

Cable
Guide Tray



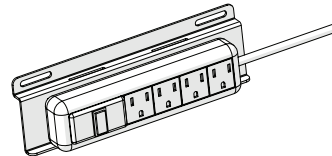
(Box B)

Velcro Belt Strap
(x2)



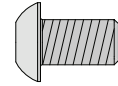
(Box B)

Power
Strip



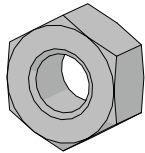
(Box F)

SBHCS
M6 x 10 mm (x2)



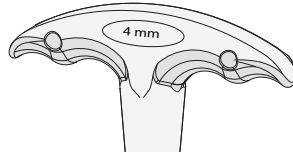
(Box F2)

Hex Nut
M6 (x2)

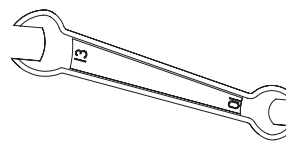


(Box F2)

T- Handle
Allen Wrench 4 mm



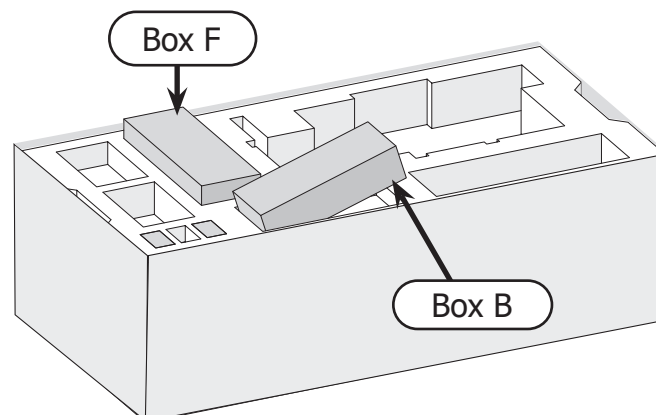
Open-end Wrench
10 mm & 13 mm



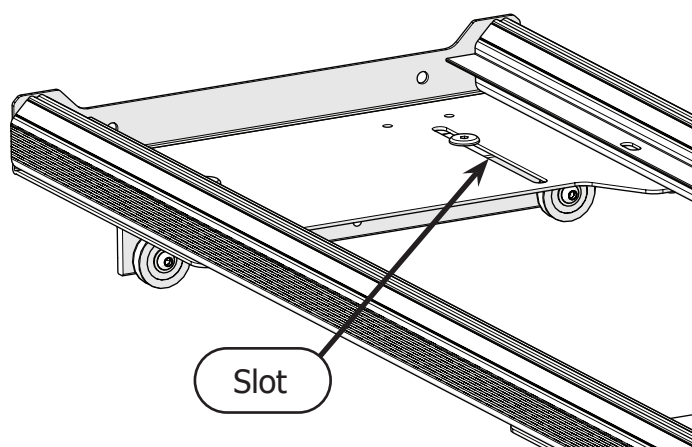
Instructions

Take the following steps to install the cable guide tray and the power strip to the bottom carriage:

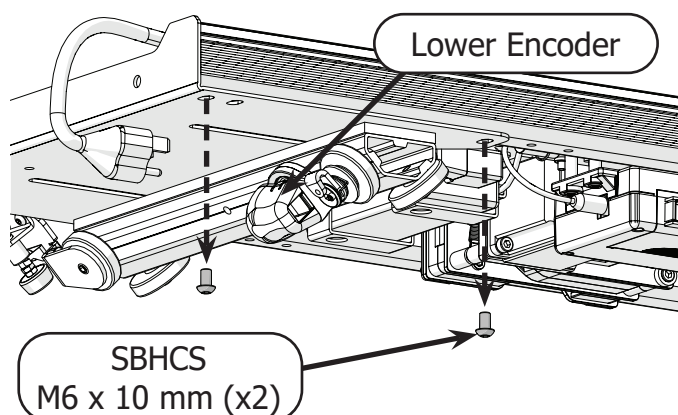
- 1 Remove the needed parts from **boxes B** and **F**.



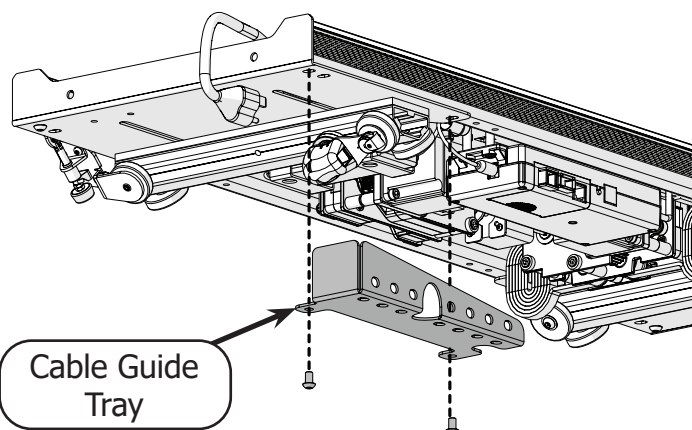
- 2 Check if your bottom carriage has **slots** in the end plates. If it does, continue to step 3. If it does not, skip ahead to step 5.



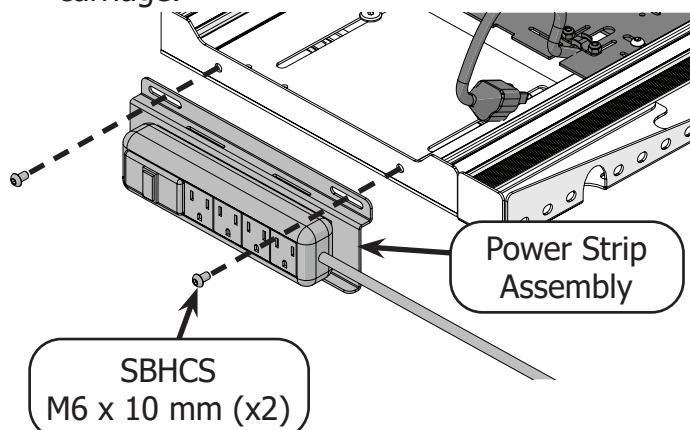
- 3 **Slotted Carriages Only:** Use the 4 mm Allen wrench to remove the two **M6 x 10 mm SBHCS** from the left rear of the bottom carriage by the **lower encoder**.



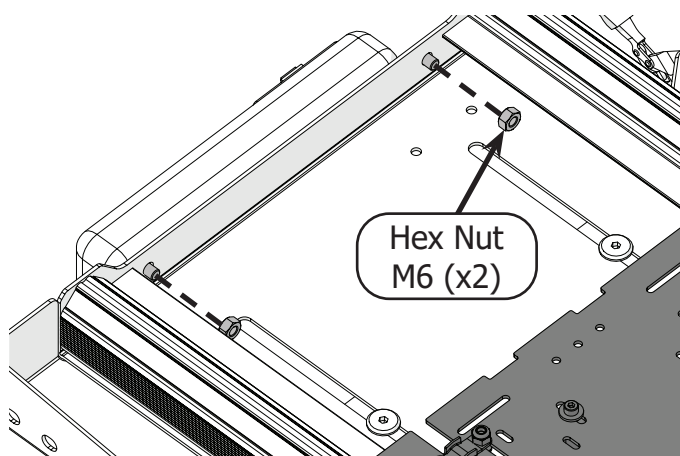
- 4 **Slotted Carriages Only:** Attach the **cable guide tray** to the left rear of the carriage using the two M6 x 10 mm SBHCS from step 3 and the 4 mm Allen wrench.



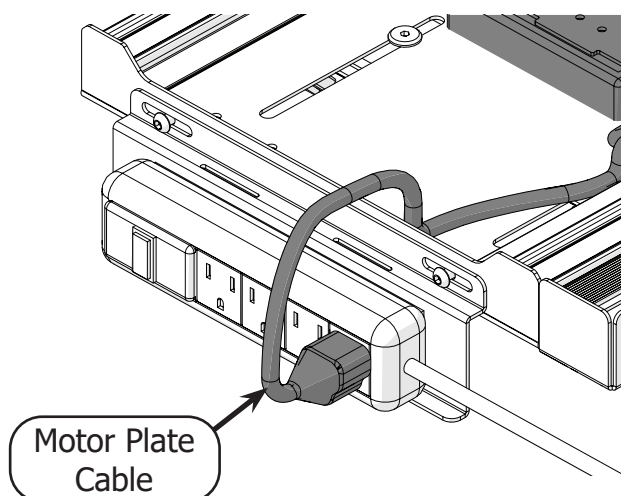
- 5 Use two **M6 x 10 mm SBHCS** and the 4 mm Allen wrench to attach the **power strip assembly** to the rear of the bottom carriage.



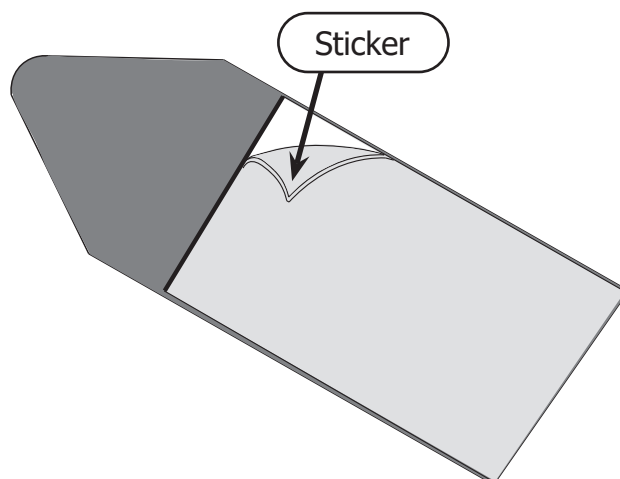
- 6 Attach the two **M6 hex nuts** to the ends of the screws. Tighten with the 4 mm Allen wrench and the 10 mm open-end wrench.



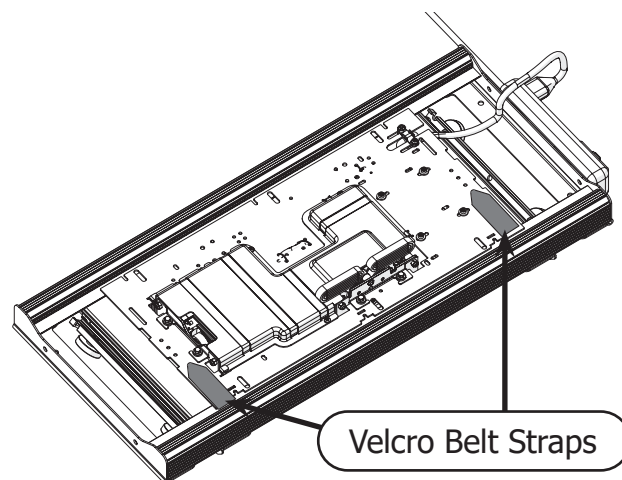
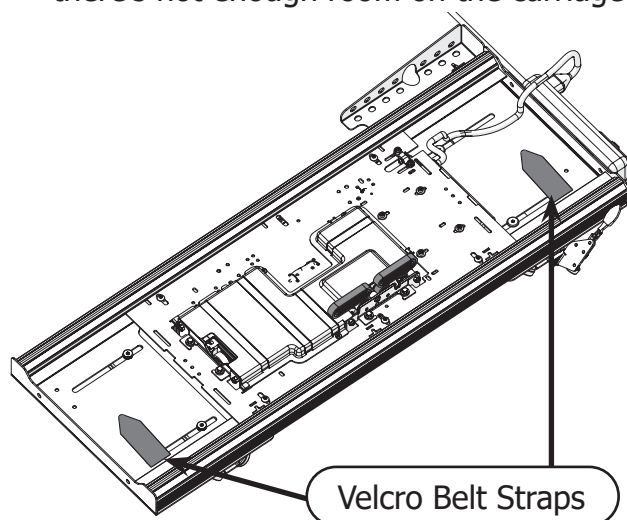
- 7 Plug the **motor plate cable** into the power strip.



- 8 Peel the **stickers** off the backs of the velcro belt straps.

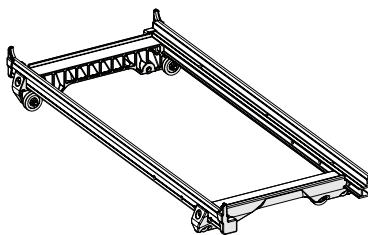


- 9 Stick the **velcro belt straps** to the front and back of the right side of the bottom carriage. If there's not enough room on the carriage itself, the velcro can be stuck to the motor plate.



- 10 Turn to "Choose Your Frame" on page 28 to continue to the next step.

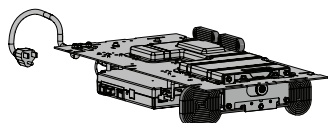
Style Two Bottom Carriage



Task 3: Install the Motor Plate

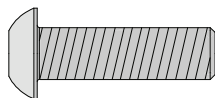
Parts & Tools Needed:

Motor Plate



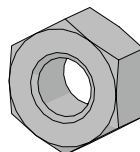
(Main Box)

SBHCS
M6 x 20 (x5)



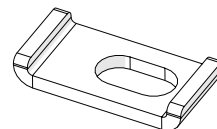
(Box E)

Hex Nut M6 (x4)



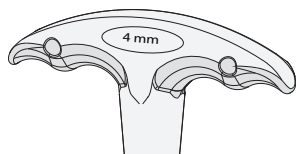
(Box E)

Motor Plate
Clamp (x5)



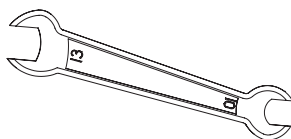
(Box E)

T- Handle
Allen Wrench 4 mm



(Box G)

Open-end Wrench
10 mm & 13 mm

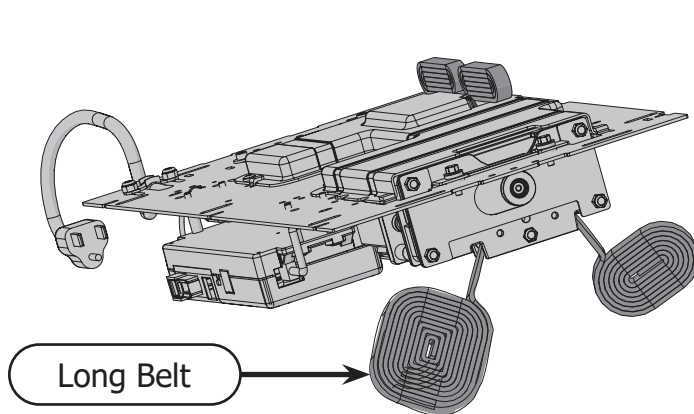
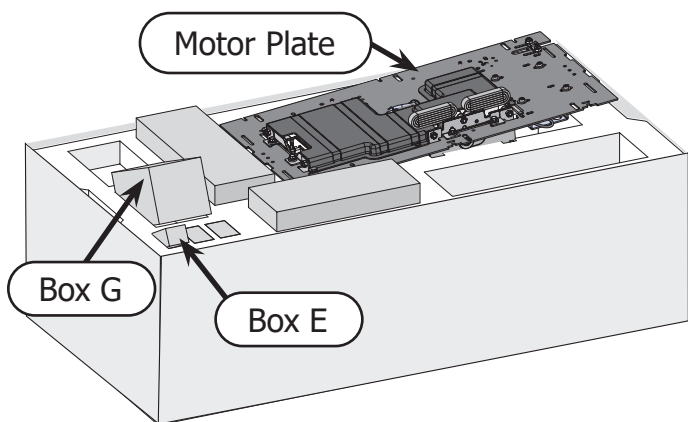


(Box G)

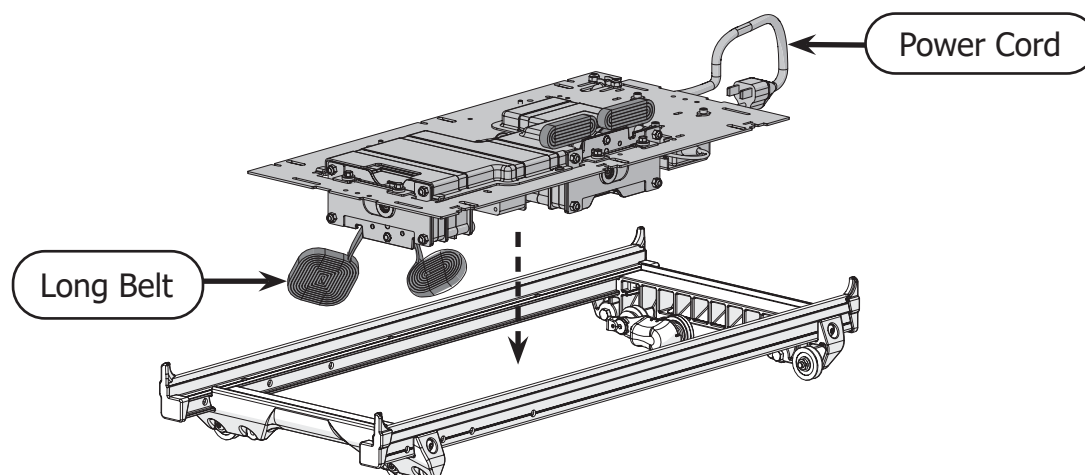
Instructions

Take the following steps to install the motor plate into the frame's bottom carriage:

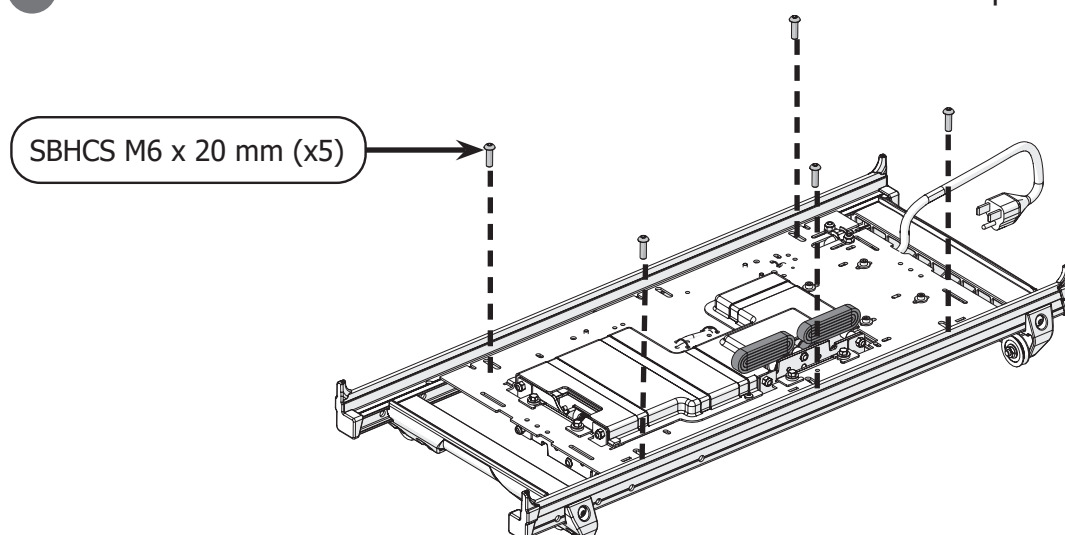
- 1 If not done already, remove the **motor plate** from the packaging. Then find the required parts and tools in **boxes E** and **G**.
- 2 Remove the plastic wrapping around the motor plate, but do not uncoil the **long belt**.



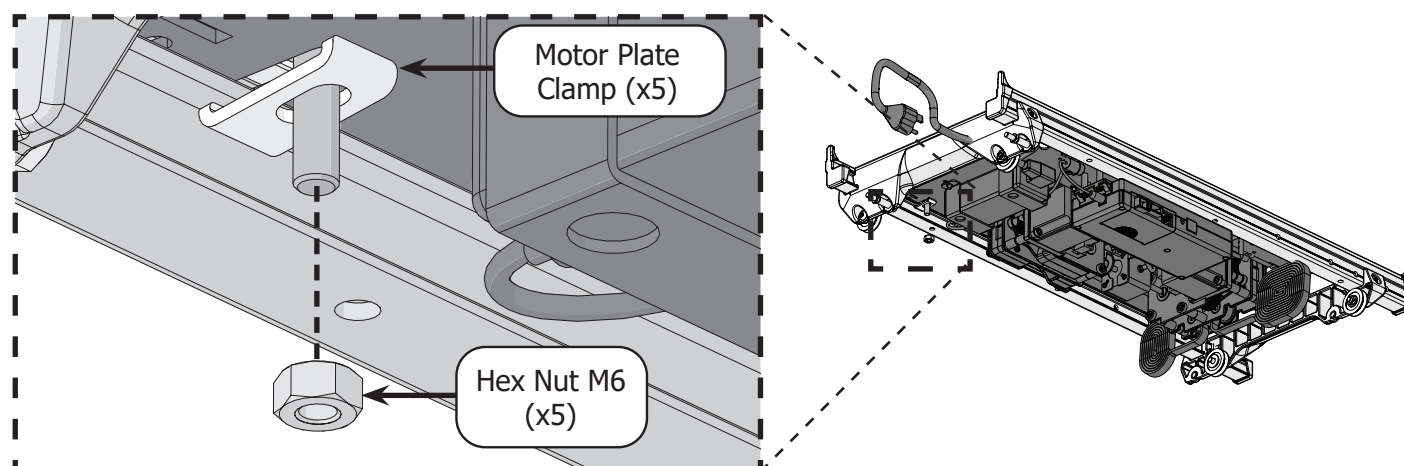
- 3 Install the motor plate into the bottom carriage with the **power cord** towards the back and the **long belt** hanging down.



- 4 Insert the five **M6 x 20 mm SBHCS** into the slots on the motor plate.



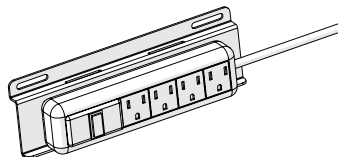
- 5 Slide a **motor plate clamp** onto each M6 x 20 mm SBHCS from the previous step. One lip of the clamp should contact the side of the bottom carriage. Tighten in place with an **M6 hex nut**.



Task 4: Prepare the Bottom Carriage

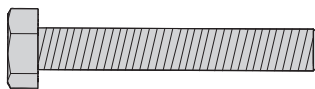
Parts & Tools Needed:

Power
Strip



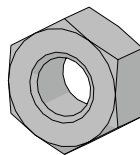
(Box F)

Hex Bolt
M6 x 40 mm (x2)



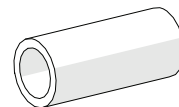
(Box F1)

Hex Nut M6 (x2)



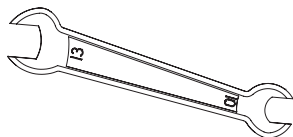
(Box F1)

Spacer 6 mm (x2)



(Box F1)

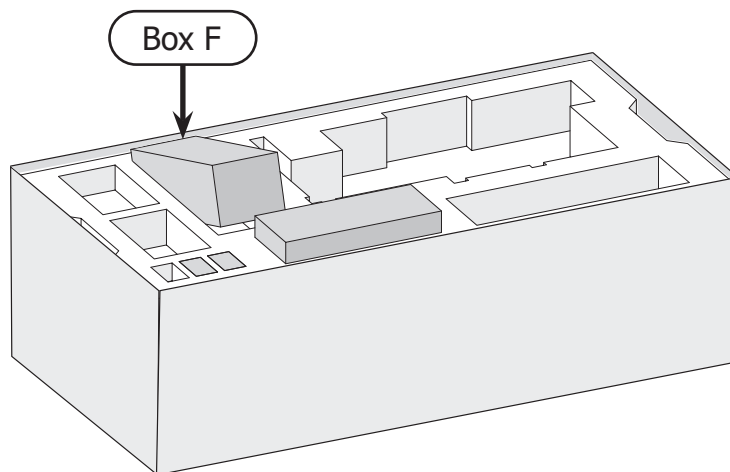
Open-end Wrench
10 mm & 13 mm



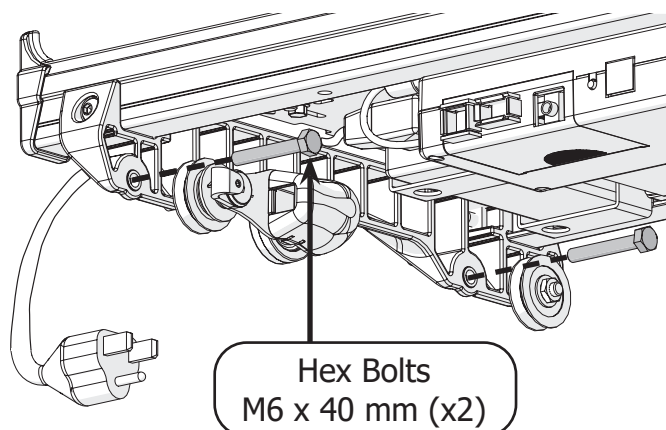
Instructions

Take the following steps to attach the power strip to the bottom carriage:

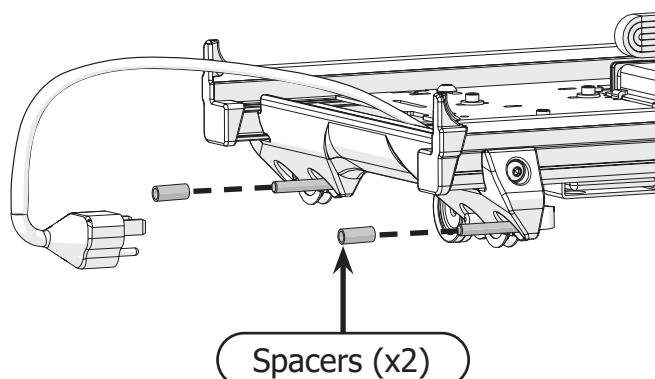
- 1 Remove the power strip from **box F**.



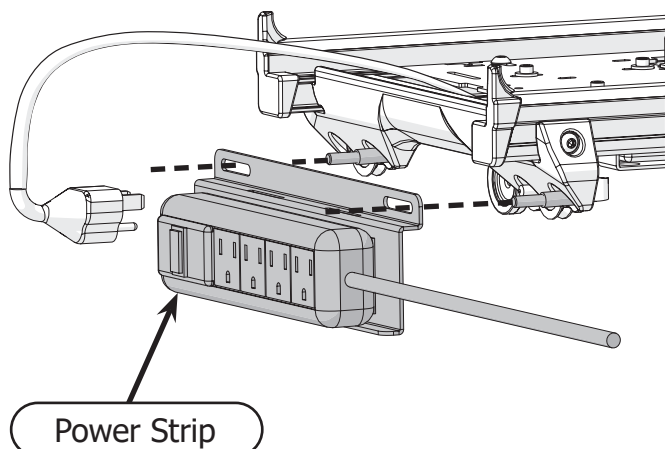
- 2 Slide the two **M6 x 40 mm hex bolts** through the open holes near the rear wheels.



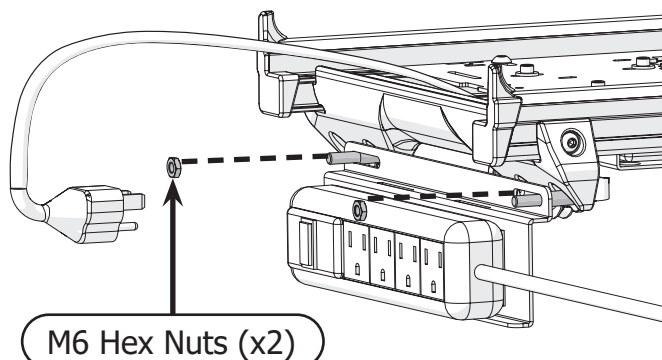
- 3 Slide the two **spacers** onto the ends of the M6 x 40 mm hex bolts.



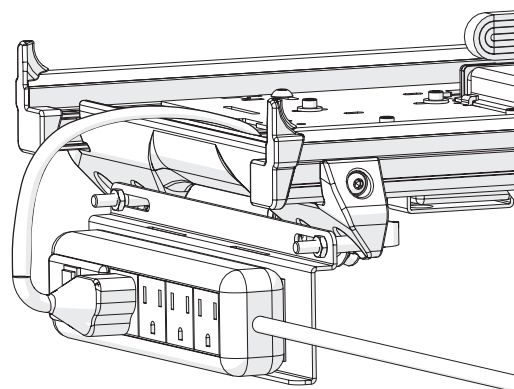
- 4 Place the **power strip** onto the bolts so that it is up against the spacers.



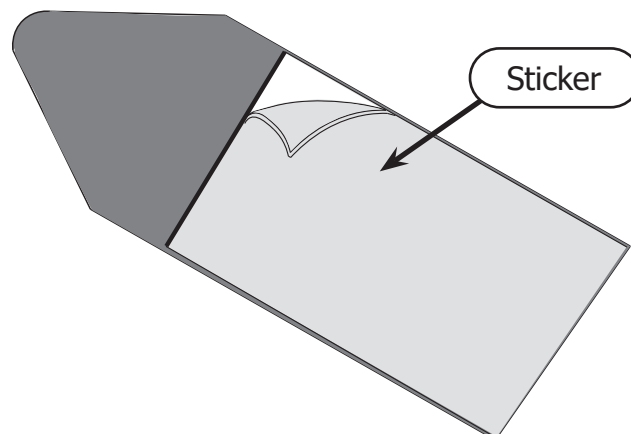
- 5 Slide the two **M6 hex nuts** onto the bolts and tighten by hand. If needed, you can tighten further by holding the nut with your fingers and turning the bolt with the 10 mm open-end wrench.



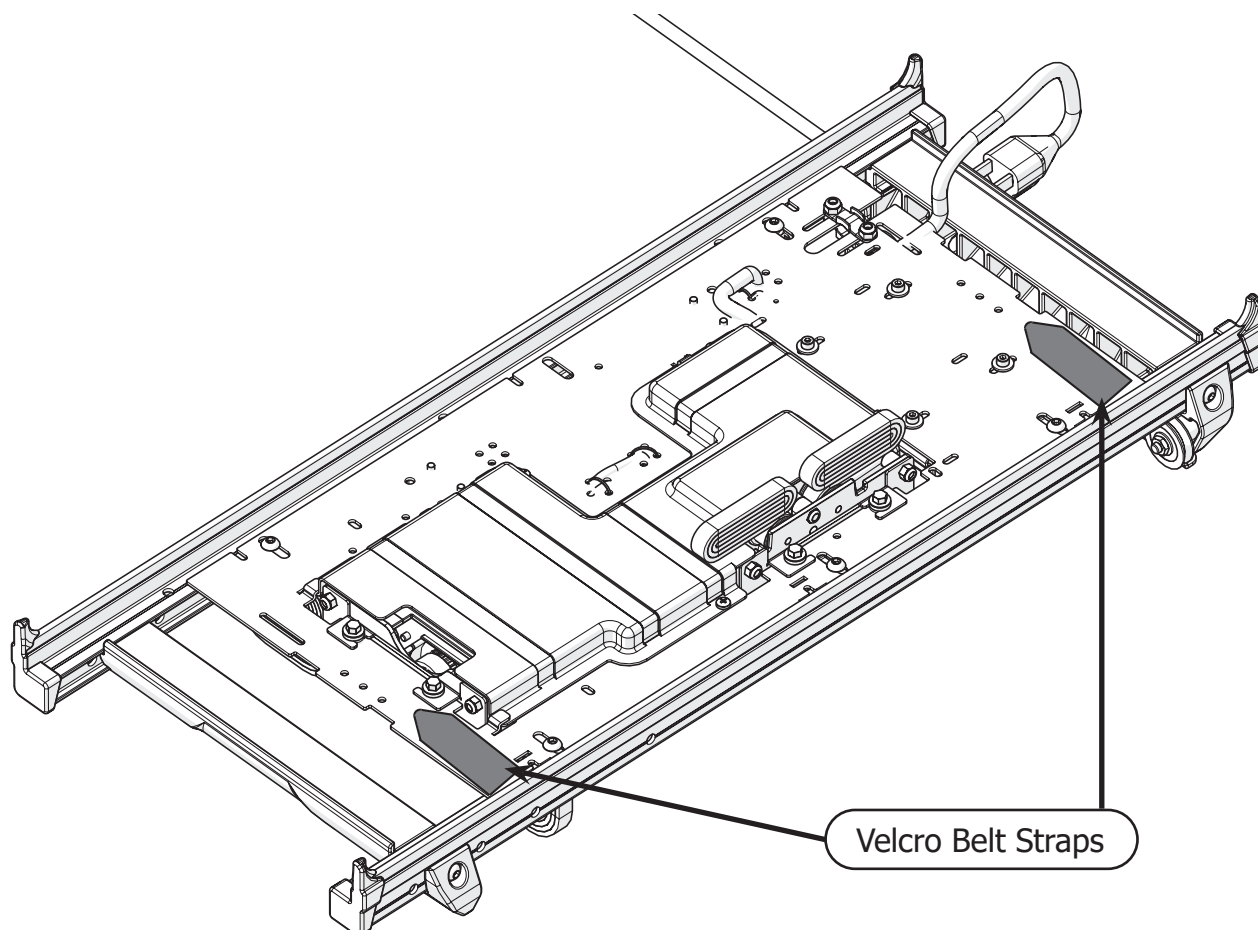
- 6 Plug the motor plate into the power strip.



- 7 Peel the **stickers** off the backs of the velcro belt straps.

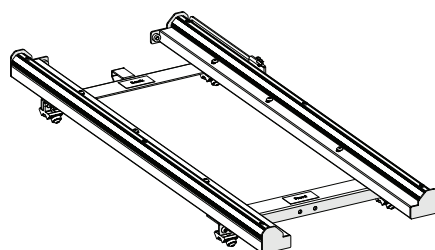


- 8 Place the **velcro belt straps** adhesive side down at the front and the rear on the right side of the motor plate.



- 9 Turn to "Choose Your Frame" on page 28 to continue to the next task.

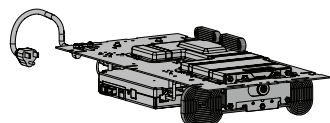
Cutie Bottom Carriage



Task 3: Install the Motor Plate

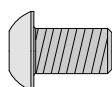
Parts & Tools Needed:

Motor
Plate



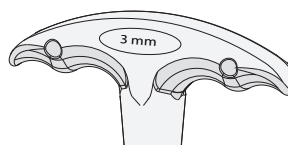
(Main Box)

SBHCS
M5 x 10 mm (x6)



(Box C)

T- Handle
Allen Wrench 3 mm

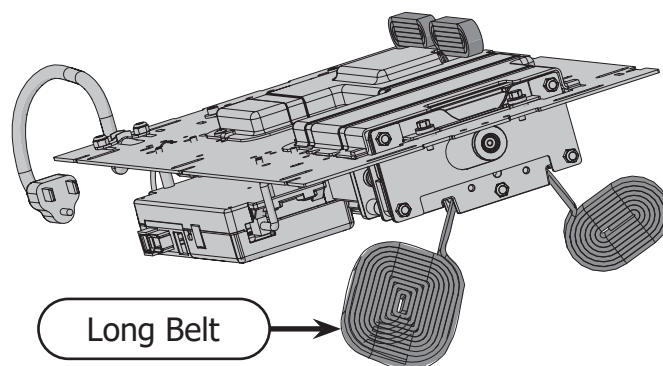
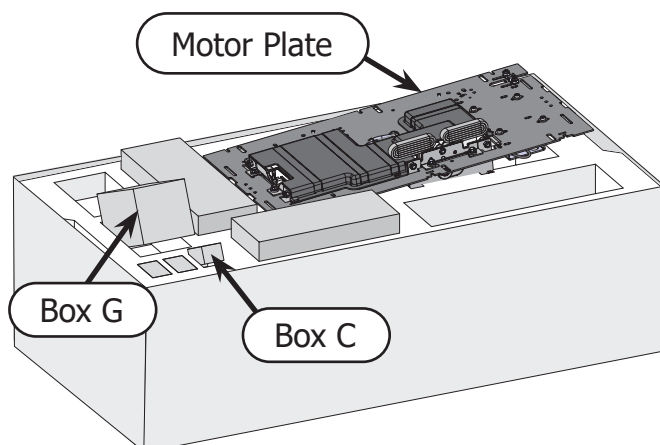


(Box G)

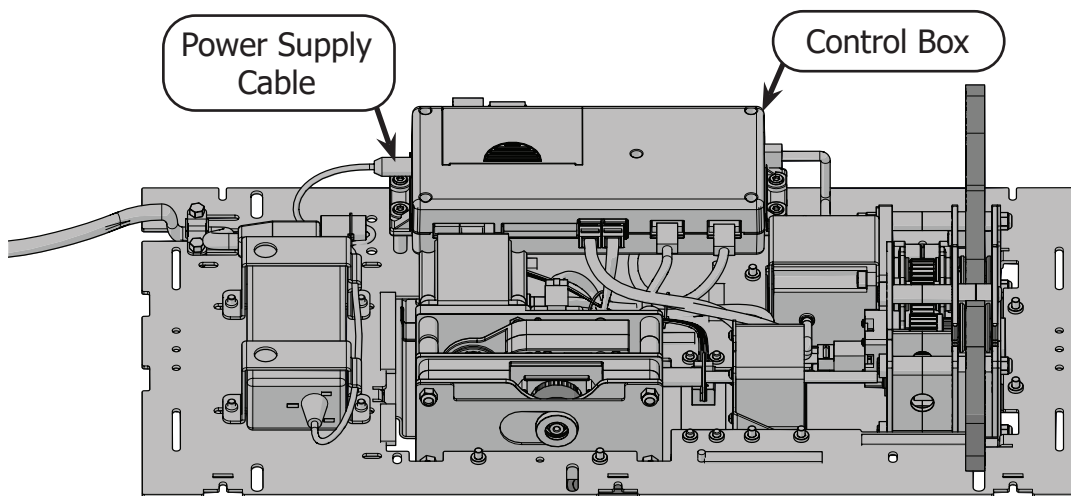
Instructions

Take the following steps to install the motor plate into the frame's bottom carriage:

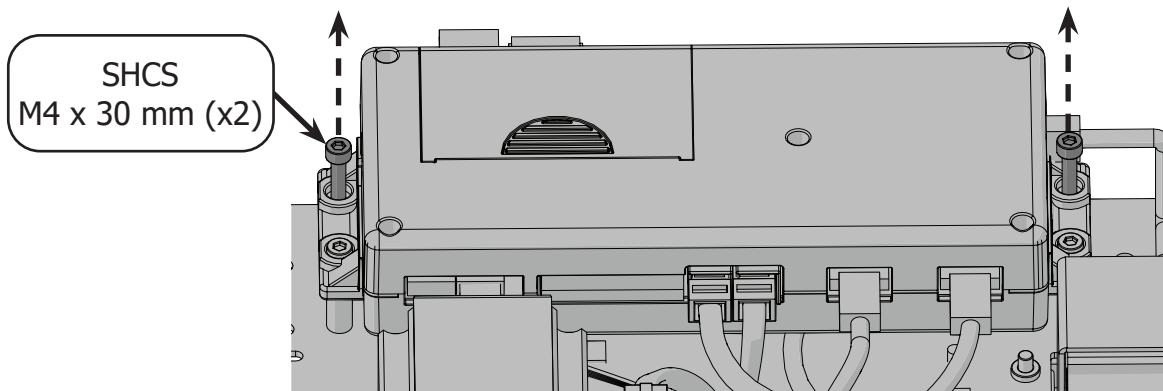
- 1 If not done already, remove the **motor plate** from the packaging. Find the other required parts and tools in **boxes C** and **G**.
- 2 Remove the motor plate from the plastic bag so the coils of the **long belt** hang loose underneath the motor plate.



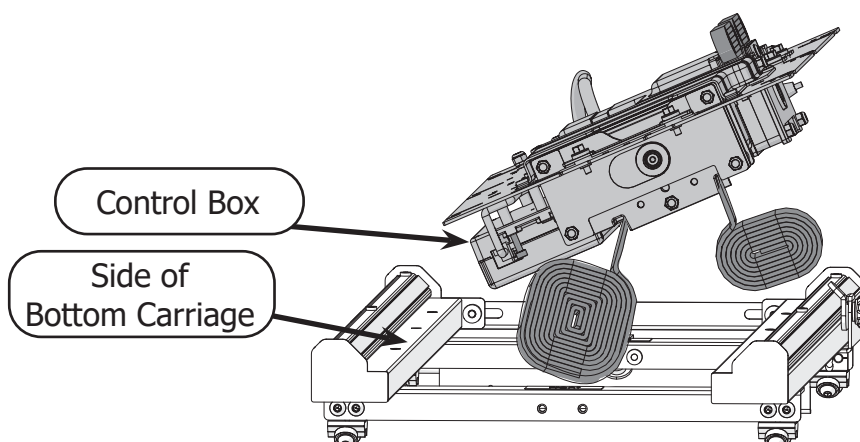
- 3 Turn the motor plate over and unplug the **power supply cable** from the **control box**.



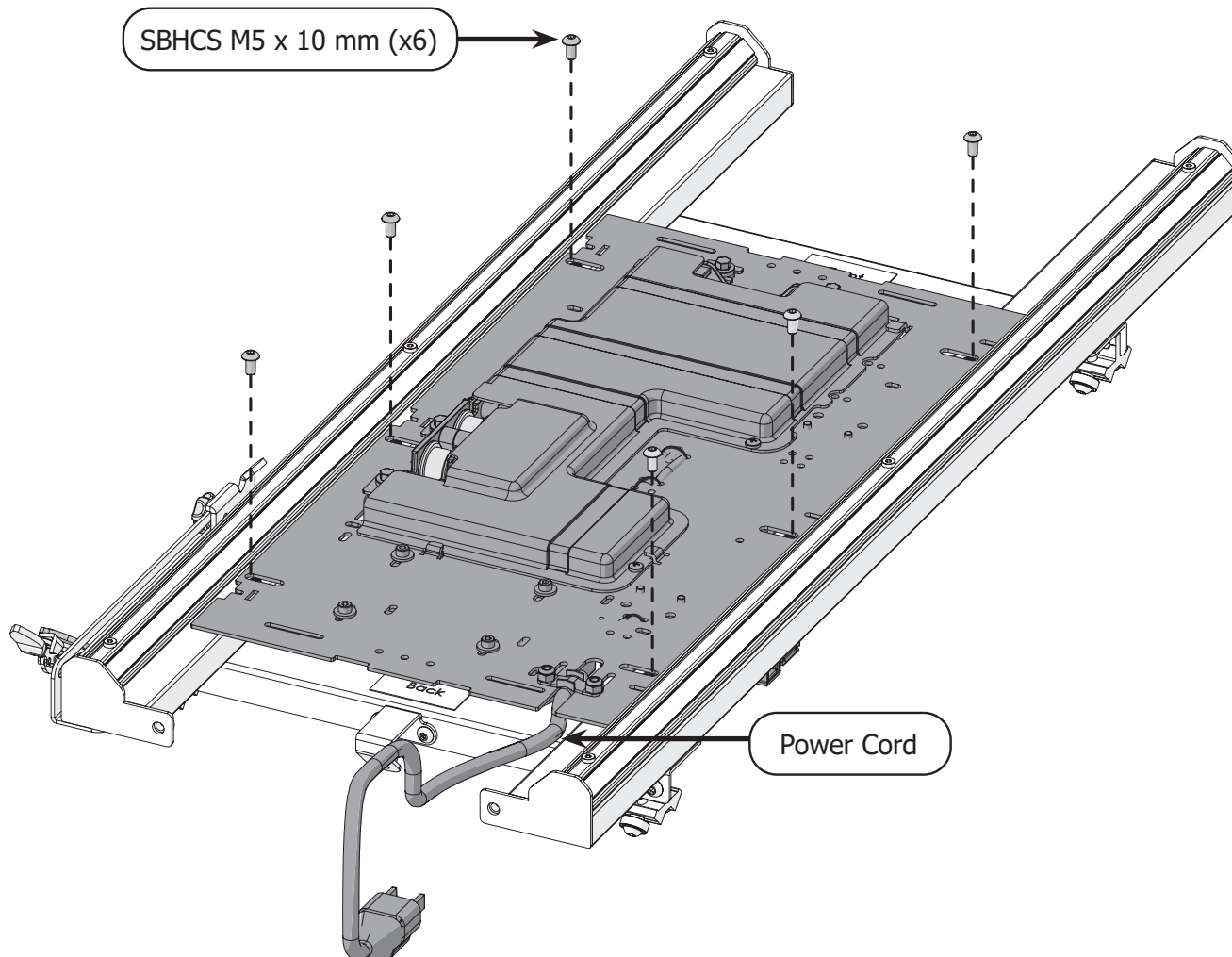
- 4 Use the 3 mm Allen wrench to loosen the two **M4 x 30 mm SHCS** screws on the control box about halfway. Do not remove these screws.



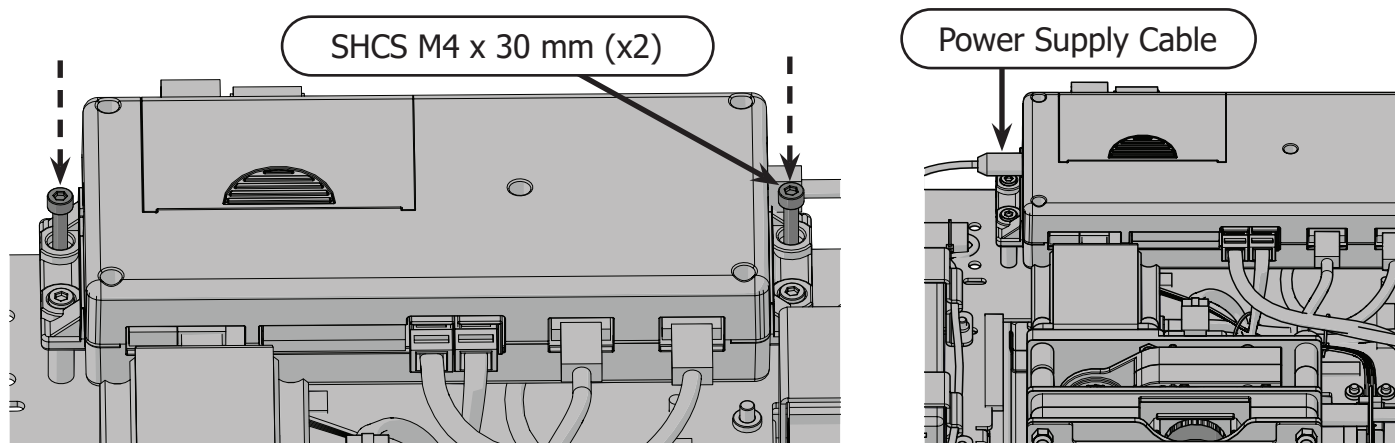
- 5 With the long belt towards the front of the carriage, install the motor plate at an angle so the **control box** slides underneath the **side of the bottom carriage**. If the control box will not slip under, loosen screws from step 4 further.



- 6 Pull the **power cord** up to the top of the bottom carriage and use the six **M5 x 10 mm SBHCS** to secure the motor plate. Tighten with the 3 mm Allen wrench.

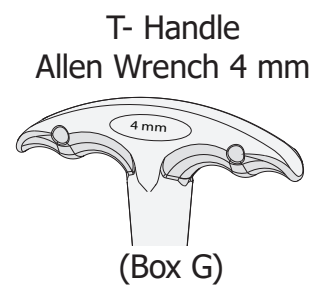
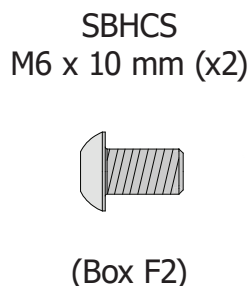
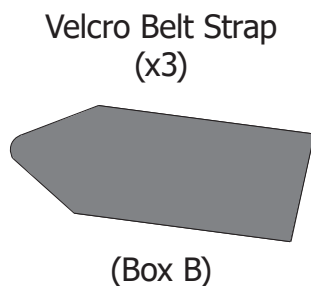
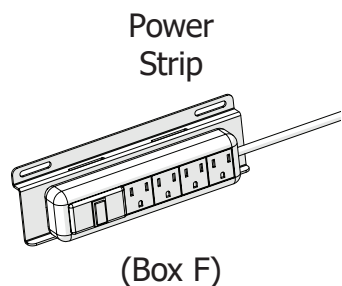


- 7 Turn the bottom carriage over and use the 3 mm Allen wrench to tighten the **M4 x 30 mm SHCS**. Reconnect the **power supply cable** to the control box.



Task 4: Prepare the Bottom Carriage

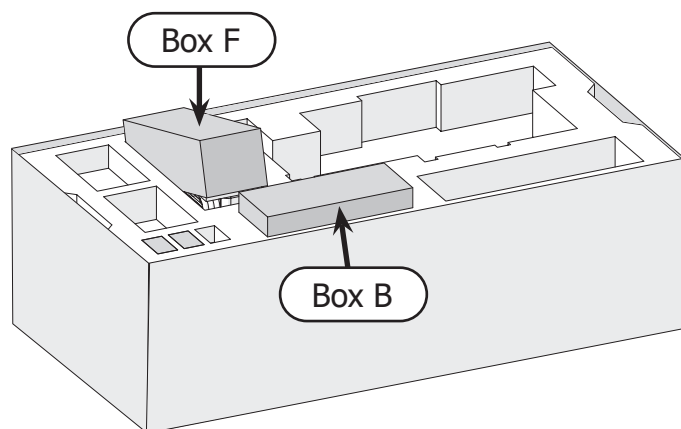
Parts & Tools Needed:



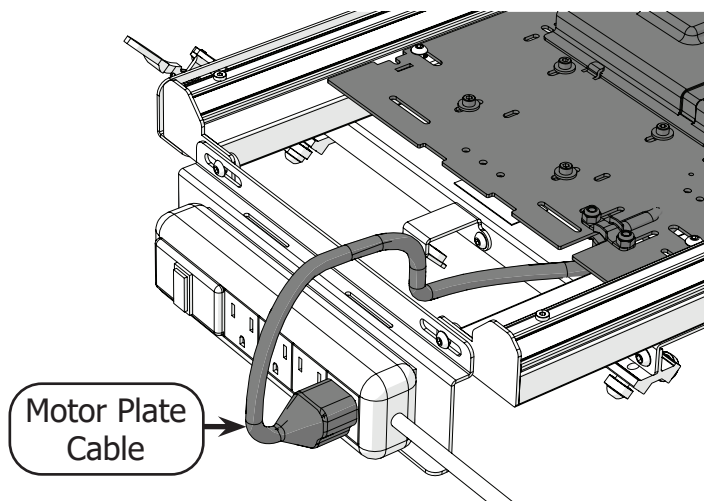
Instructions

Take the following steps to attach some necessary items to the bottom carriage:

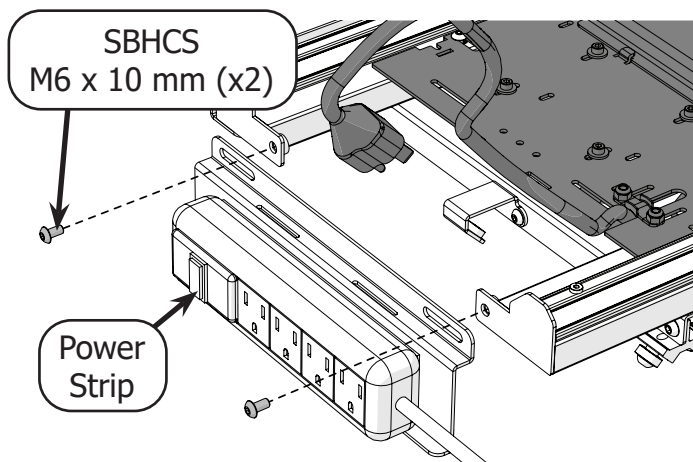
- 1 Remove the parts needed from **boxes F** and **B**.



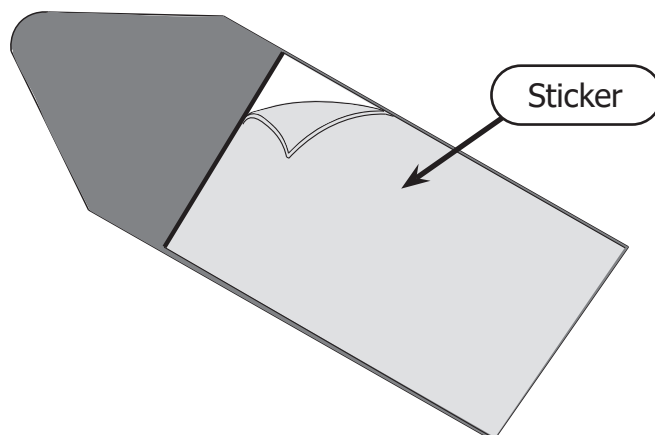
- 3 Plug the **motor plate cable** into the power strip.



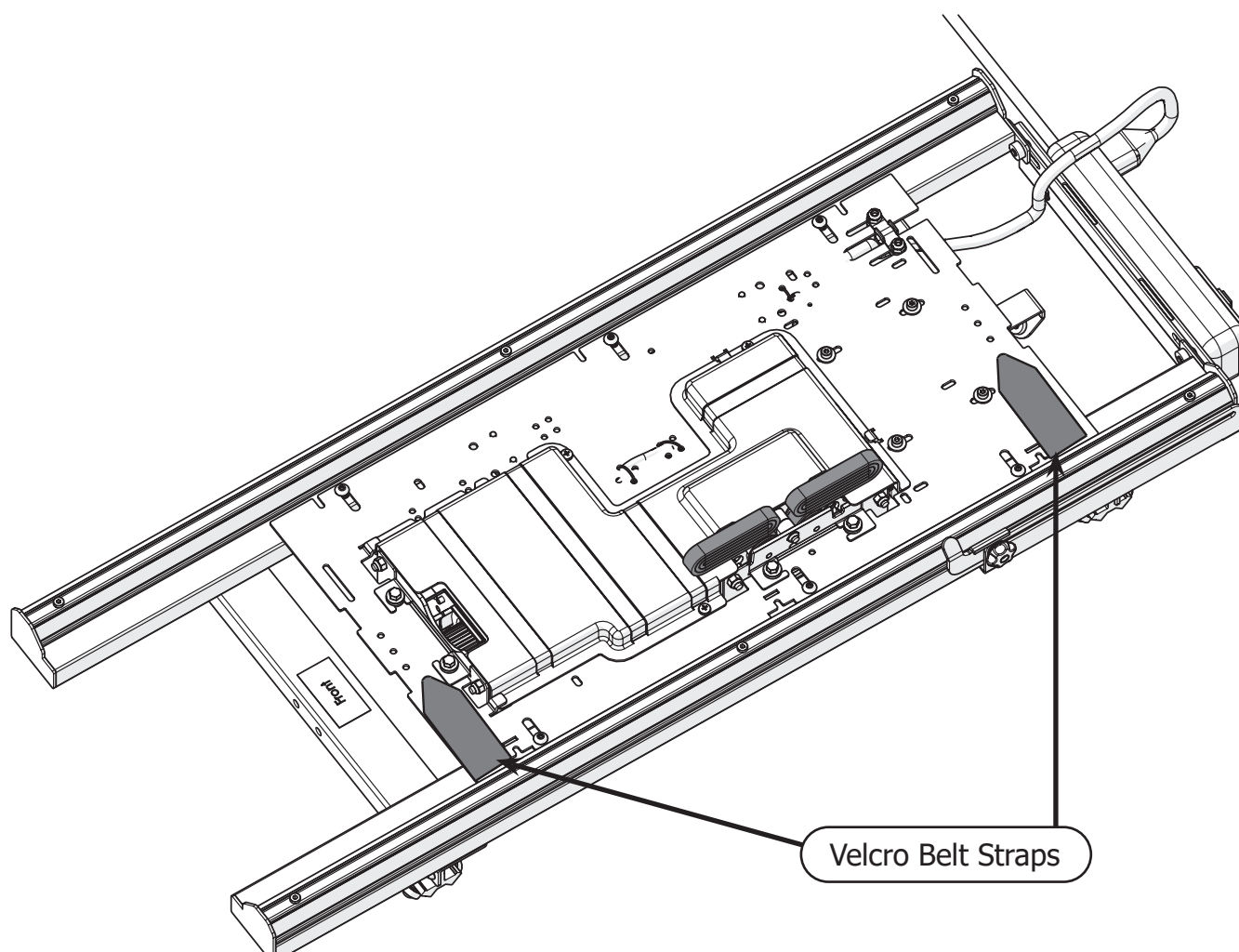
- 2 Use two **M6 x 10 mm SBHCS** and the 4 mm Allen wrench to attach the **power strip** to the rear of the bottom carriage.



- 4 Peel the **stickers** off the backs of the velcro belt straps.



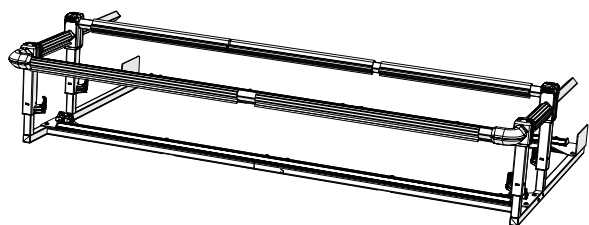
- 5 Place the **velcro belt straps** adhesive side down at the front and the rear on the right side of the motor plate



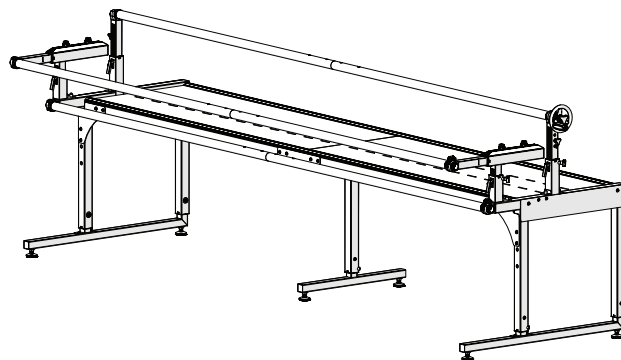
- 6 Turn to "Choose Your Frame" on page 28 to continue to the next step.

Choose Your Frame

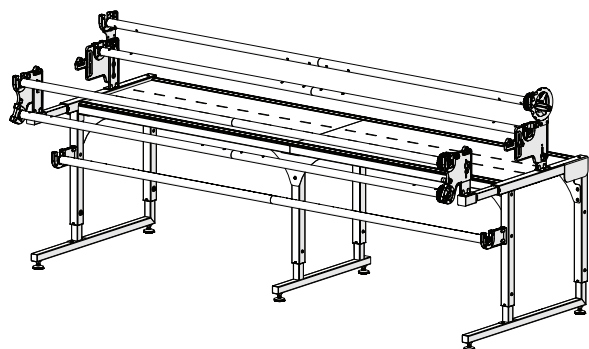
Find your frame in the following list and turn to the corresponding page.



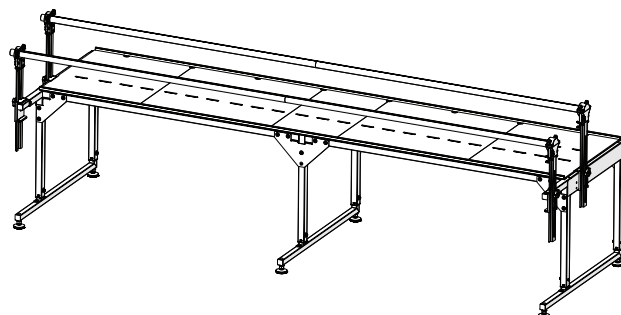
Cutie Tabletop Frame
Turn to page 31



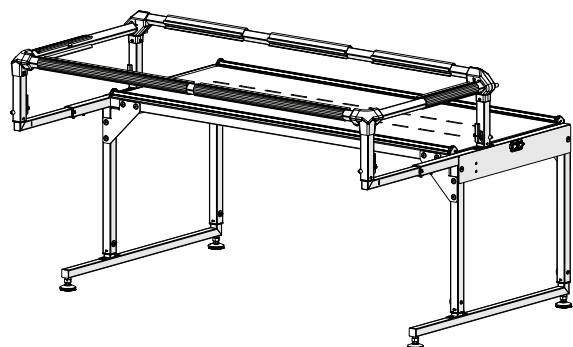
Continuum II Frame
Turn to page 36



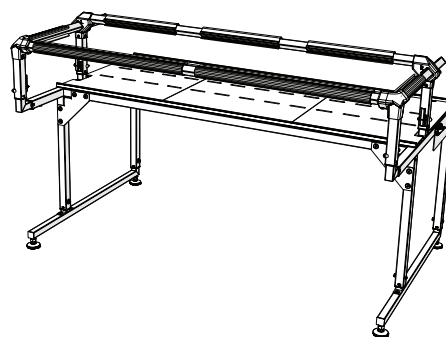
Continuum Frame
Turn to page 43



Q-Zone Queen Frame
Turn to page 49



Q-Zone Hoop Frame Pro
Turn to page 56



Q-Zone Hoop Frame
Turn to page 63

Important: Q-Zone Hoop Frame upgrades and some versions of the Hoop Frame Pro will still need to follow the directions for the Q-Zone Hoop Frame, instead of the Q-Zone Hoop Frame Pro. To determine if your frame falls into this category, check the side of the leg. If the side plate reaches all the way to the front leg, follow the instructions for the Q-Zone Hoop Frame Pro. If it does not, follow the instructions for the standard Q-Zone Hoop Frame.

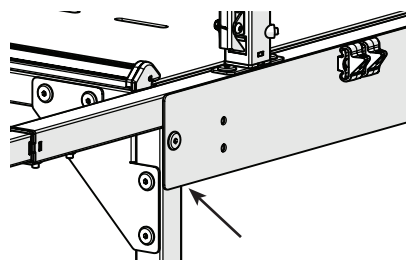
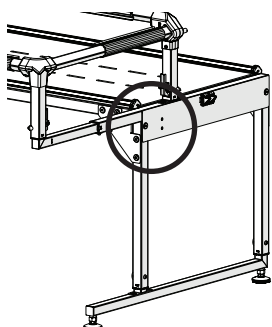


Plate extends to front leg:
Turn to page 56

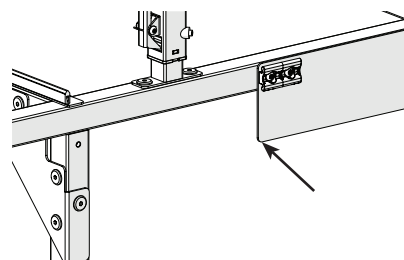
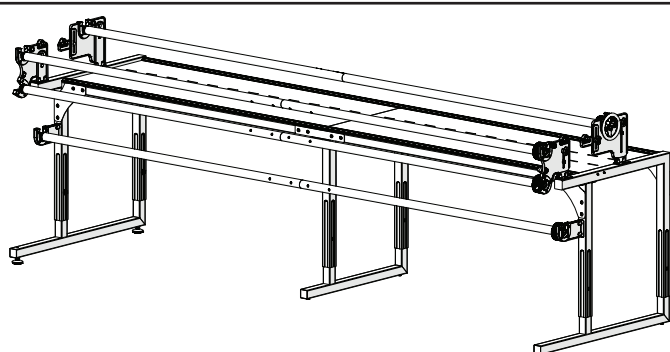
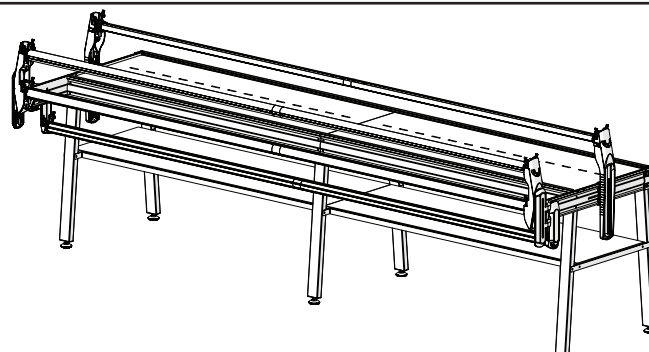


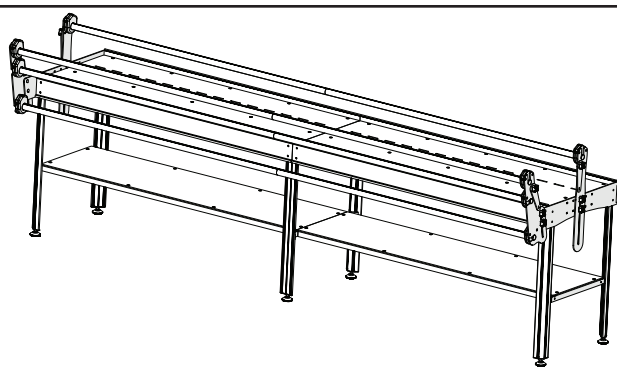
Plate does not extend to front leg: Turn to page 63



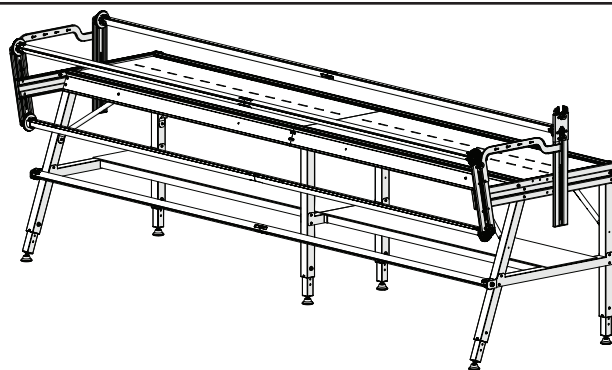
Q'nique Frame
Turn to page 70



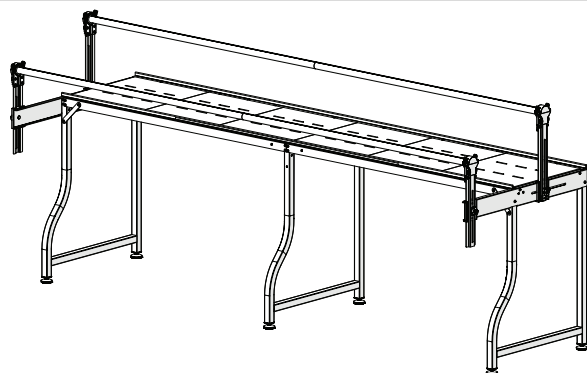
Pinnacle Frame
Turn to page 77



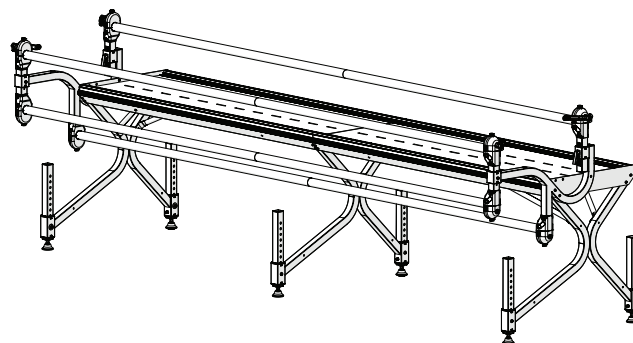
Next Generation Frame
Turn to page 77



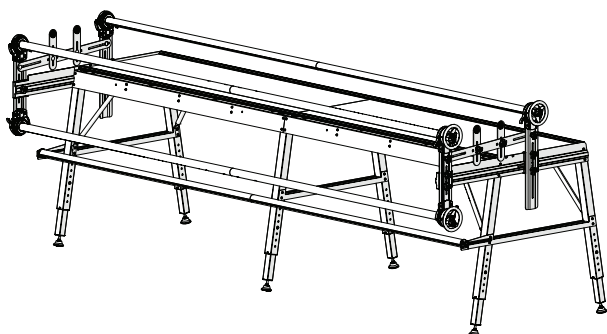
GQ Frame
Turn to page 77



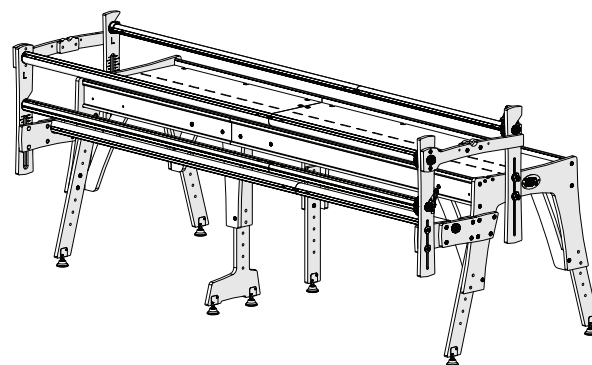
SR2 Frame
Turn to page 84



Bernina Frame
Turn to page 91

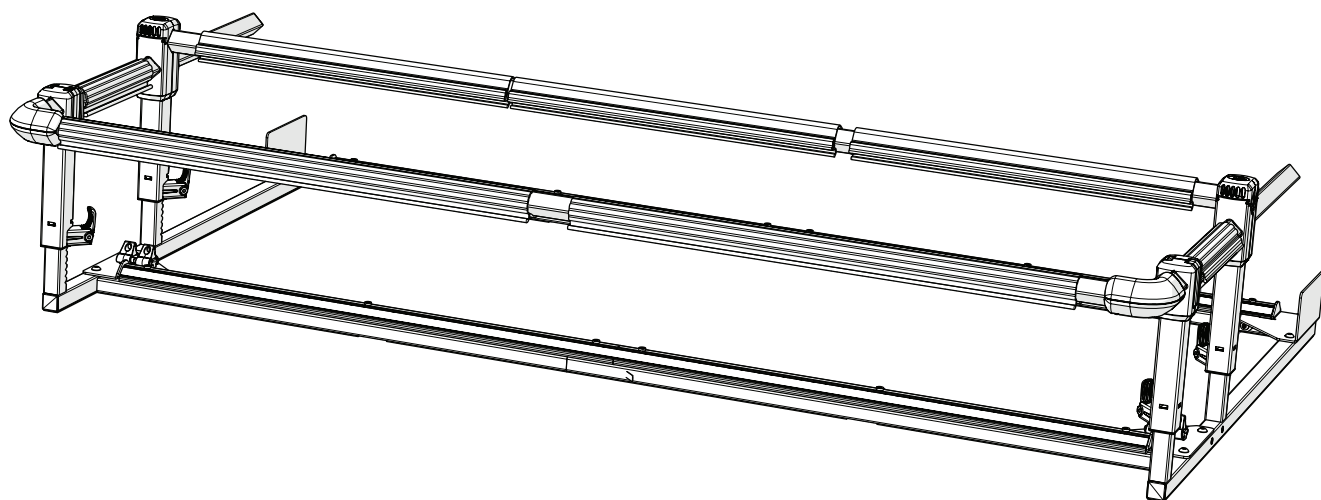


Majestic Frame
Turn to page 97



Gracie King/Queen Frame
Turn to page 105

Cutie Table-Top Frame

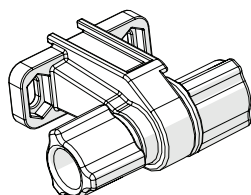


Note: These steps apply to Cutie frames with and without the table and legs accessory.

Task 5: Tension the Long Belt

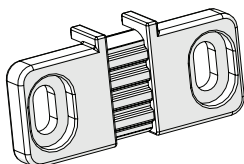
Parts & Tools Needed:

Belt Tensioner



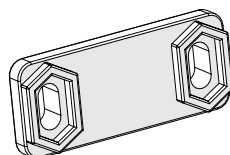
(Box I)

Back Belt Clamp



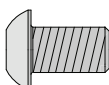
(Box I)

Front Belt Clamp



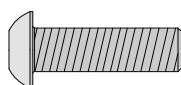
(Box I)

SBHCS
M5 x 10 mm (x2)



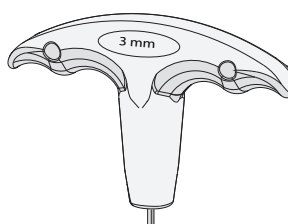
(Box J)

SBHCS
M5 x 20 mm (x2)



(Box J)

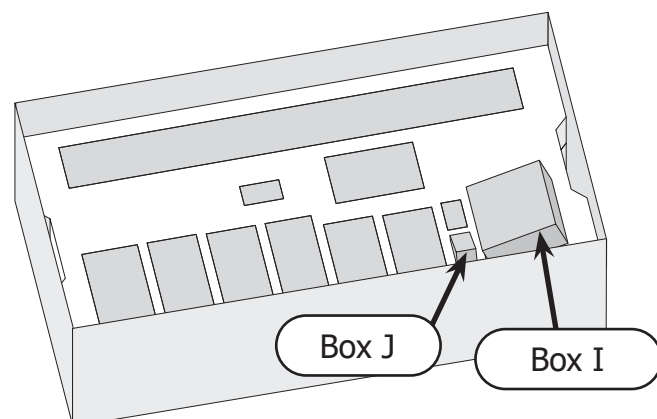
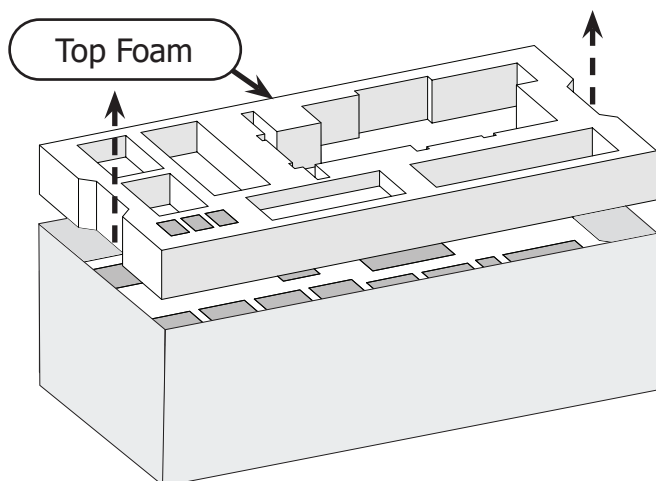
T-Handle Allen
Wrench 3 mm



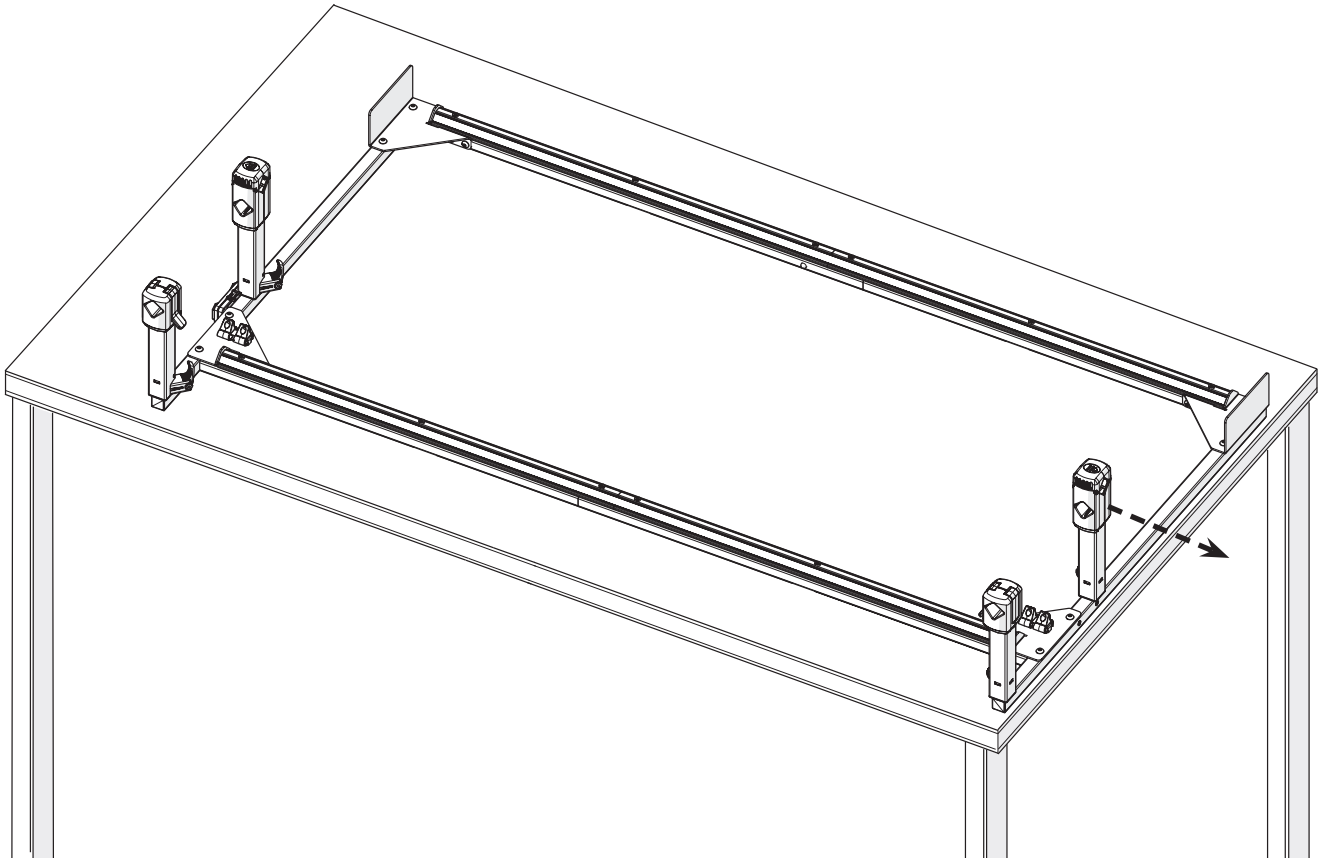
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

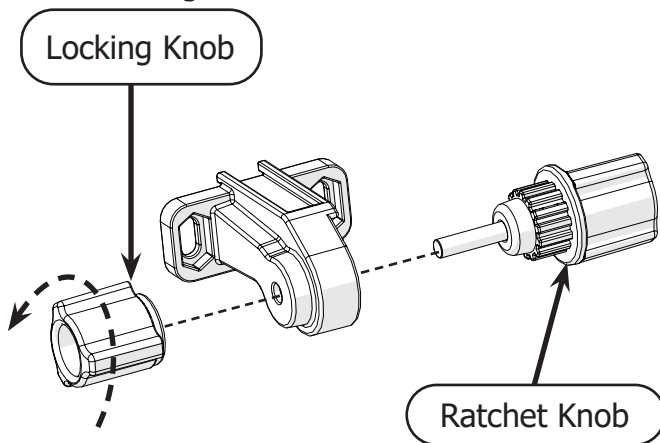
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.
- 2 Open **box I** and **box J** to find the required parts and tools.



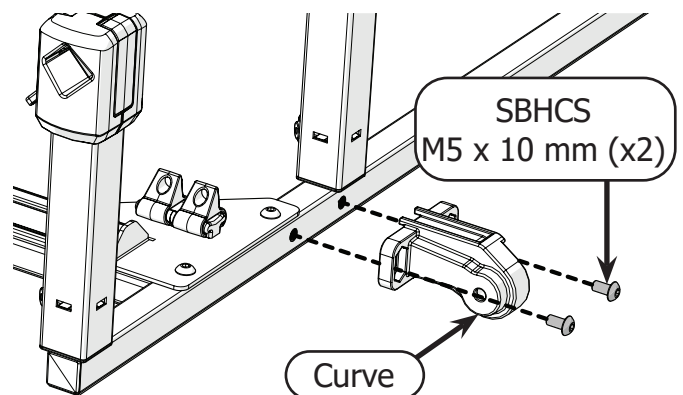
- 3 Make sure the right side of your frame is on the edge of your table or work surface. This is because the curve of the tensioner will go lower than the bottom of the frame.



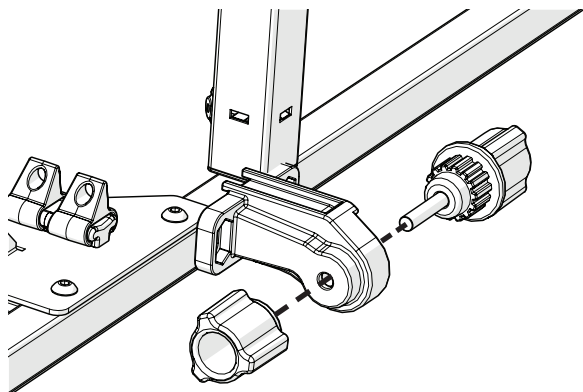
- 4 Turn the **locking knob** of the belt tensioner counter-clockwise to loosen and remove both the locking knob and the **ratchet knob**.



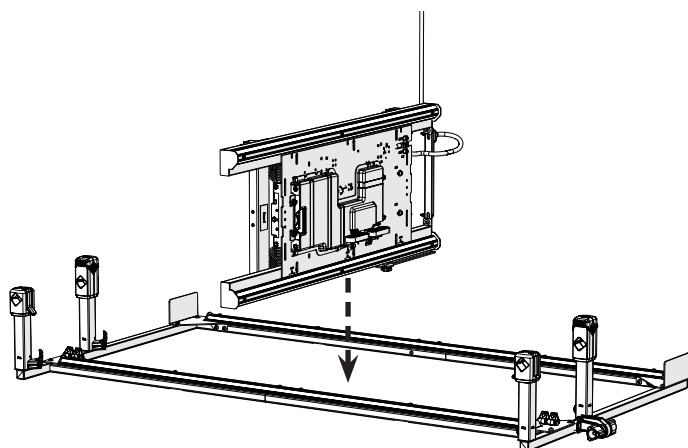
- 5 Attach the tensioner to the right side of the frame so the **curve** points down. Secure with two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench.



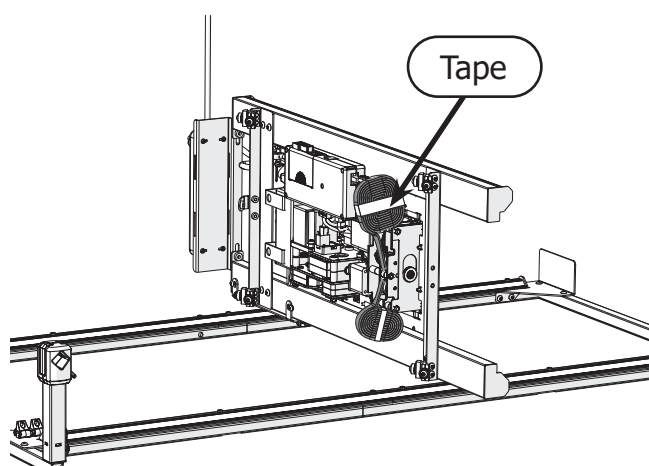
- 6 Screw the ratchet and locking knobs back onto the tensioner.



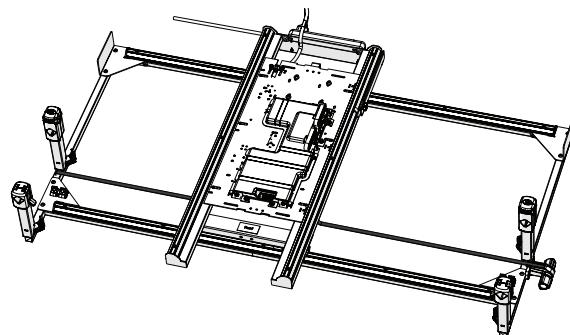
- 7 Place the bottom carriage on the frame on its side. Do not align the wheels with the tracks at this time.



- 8 Cut the **tape** that is holding the long belt coils together and unroll several inches of each end of the belt.

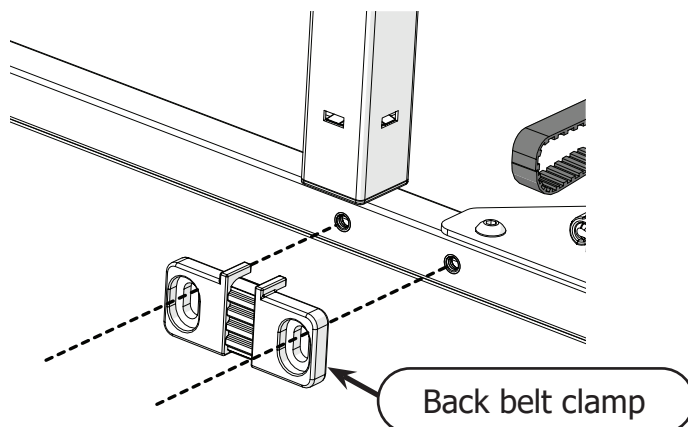


- 9 Lay the carriage flat on the frame and align the wheels with the tracks. Finish spreading out the long belt across the frame.

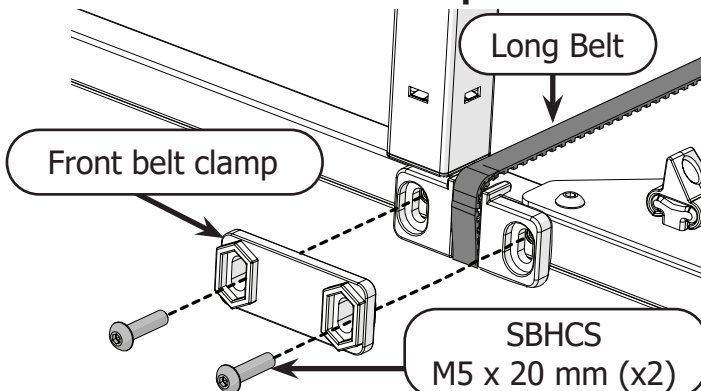


Note: The belt will be several feet longer than the length of the frame.

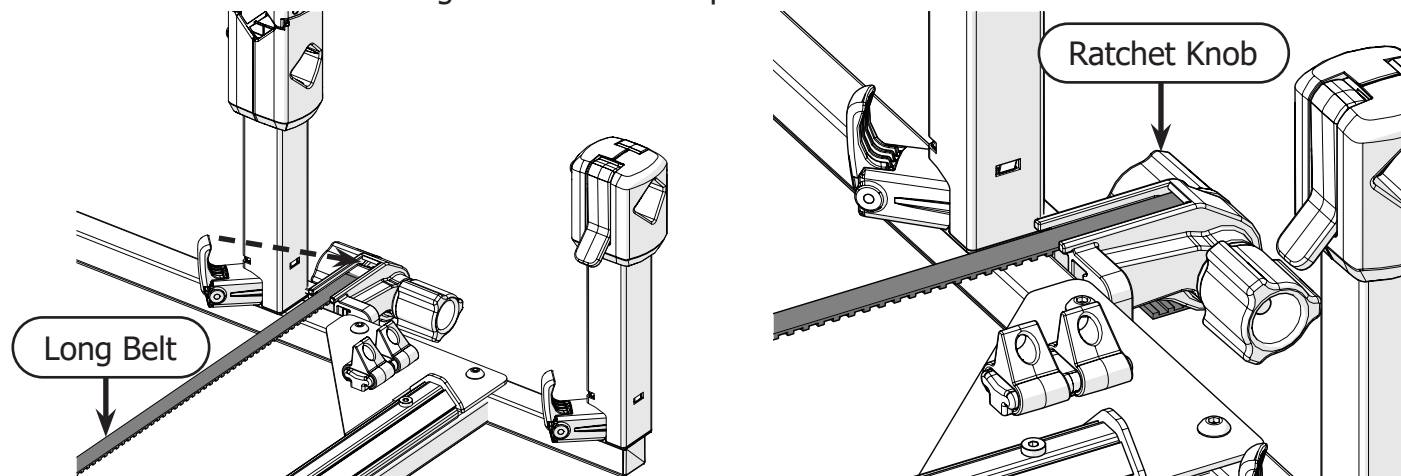
- 10 Place the **back belt clamp** onto the left side of the frame so it is aligned with the two screw holes.



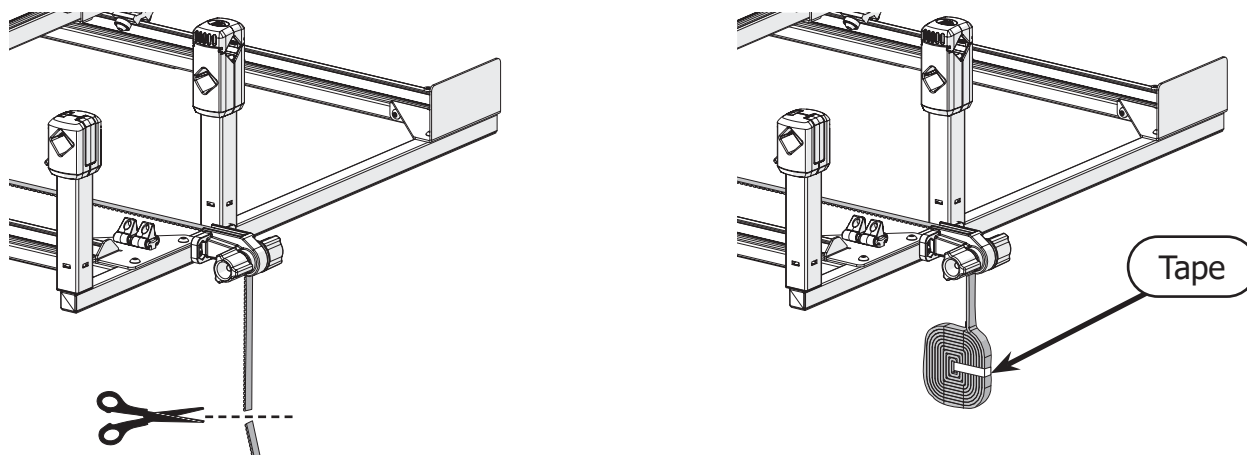
- 11 Drape the **long belt** over the back belt clamp, putting the end of the belt even with the bottom of the clamp. Use two **M5 x 20 mm SBHCS** and the 4 mm Allen wrench to attach the **front belt clamp**.



- 12 Feed the other end of the long belt into the belt tensioner on the right side of the frame. Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the locking knob to lock it in place.



- 13 If you do not plan on using QuiltMotion on a larger frame in the future, you can cut off the extra belt several inches below the tensioner. If you want to keep the full length of the belt, you can roll it back up and hold it in place with **tape**.



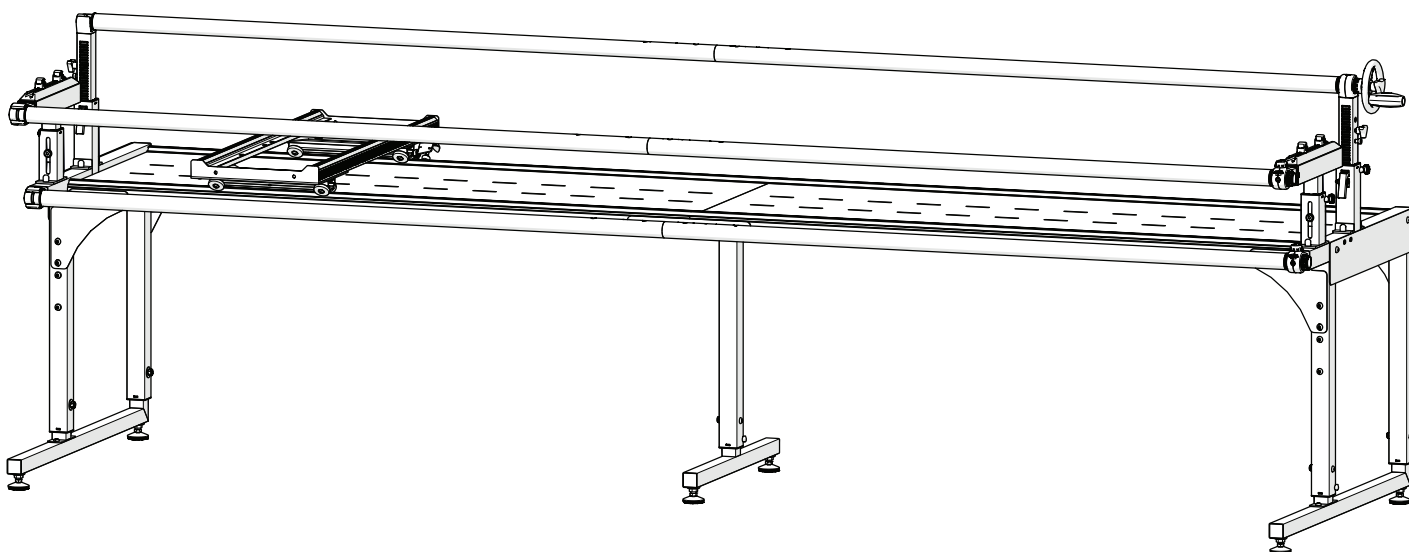
Congratulations! You've completed Part One of this manual.

If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on the Cutie top plate, continue to Part Two of this manual on page 111.

Continuum II Frame

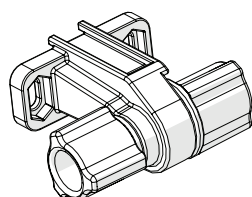


Note: These steps apply to all versions of the Continuum II frame. The appearance of your frame may differ slightly to the one shown here.

Task 5: Tension the Long Belt

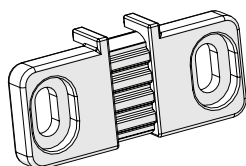
Parts & Tools Needed:

Belt Tensioner



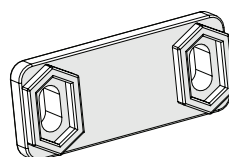
(Box I)

Back Belt Clamp



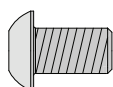
(Box I)

Front Belt Clamp



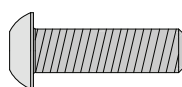
(Box I)

SBHCS
M5 x 10 mm (x2)



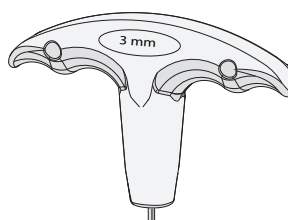
(Box J)

SBHCS
M5 x 20 mm (x2)

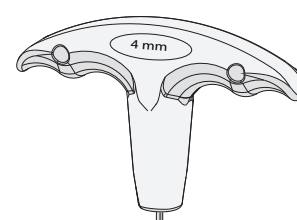


(Box J)

T-Handle Allen
Wrench 3 mm



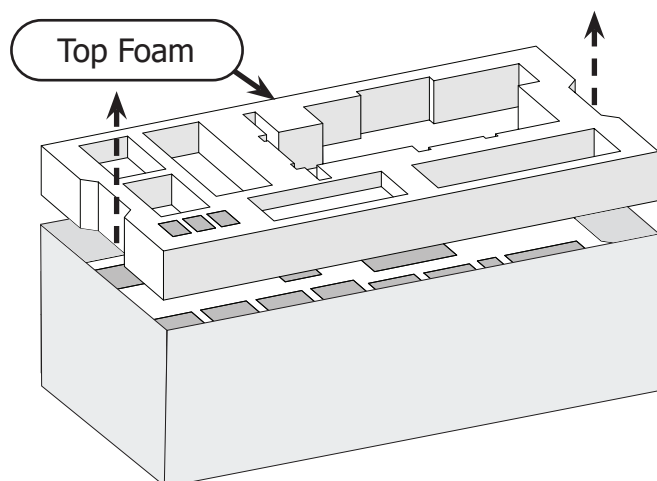
T- Handle
Allen Wrench 4 mm



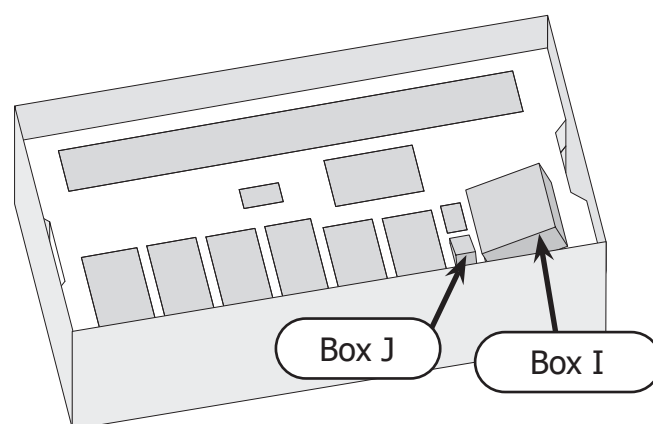
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

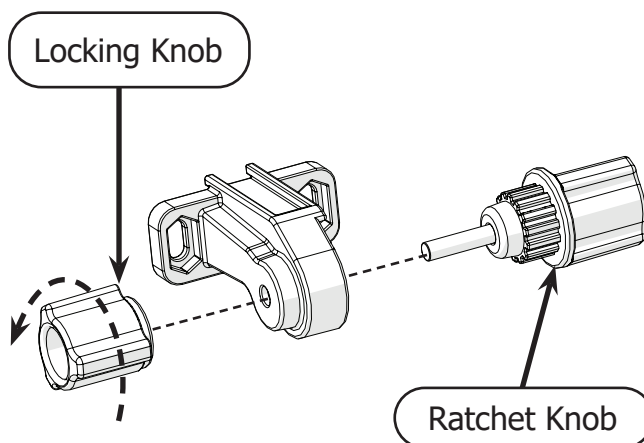
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



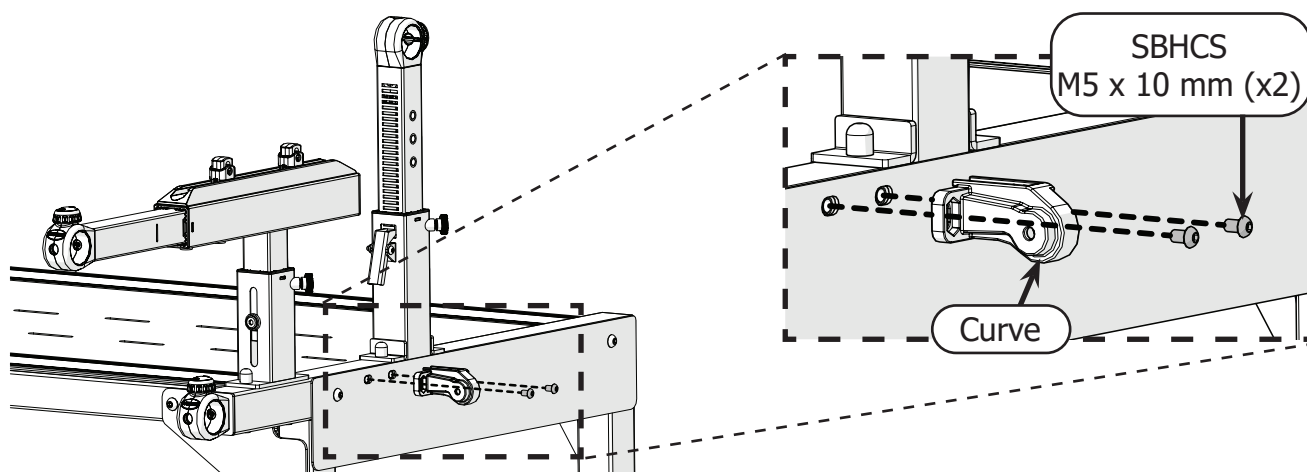
- 2 Open **box I** and **box J** to find the required parts and tools.



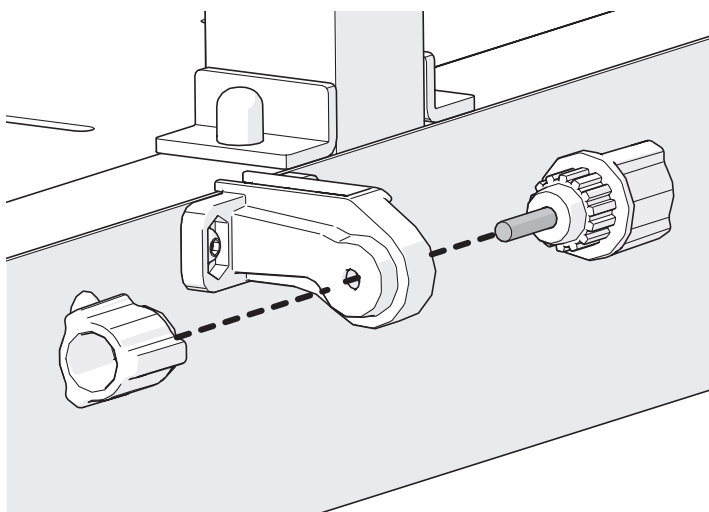
- 3 Turn the **locking knob** of the belt tensioner counter-clockwise to loosen and remove both the locking knob and the **ratchet knob**.



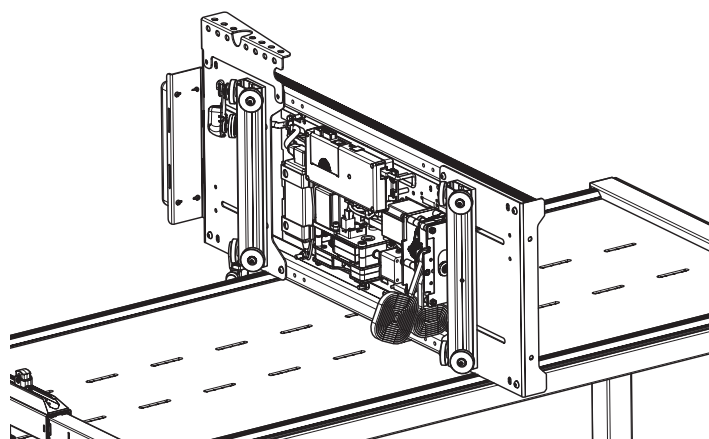
- 4 Attach the tensioner to the right side of the frame so the **curve** points down. Secure with two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench.



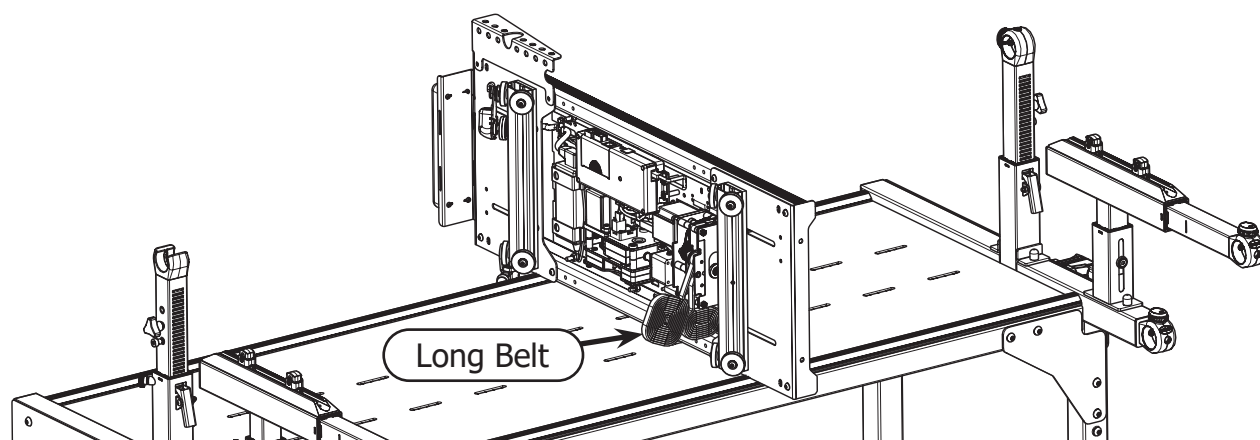
- 5 Screw the ratchet and locking knobs back onto the tensioner.



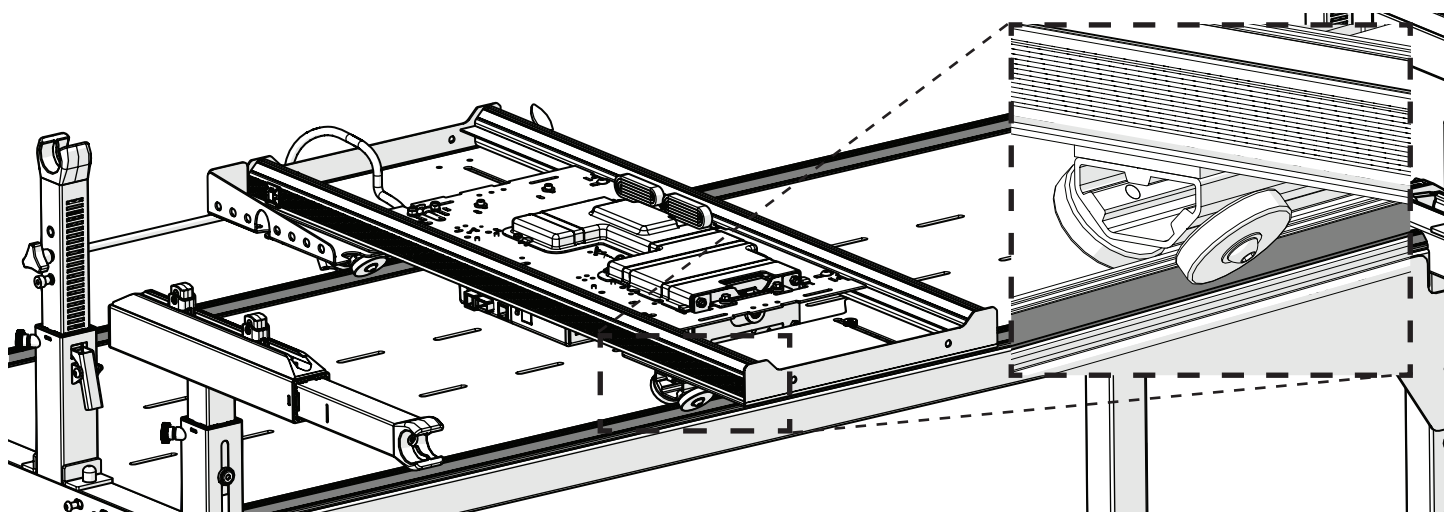
- 6 Place the bottom carriage onto the frame, on its side (do not attempt to align the wheels with the tracks at this time).



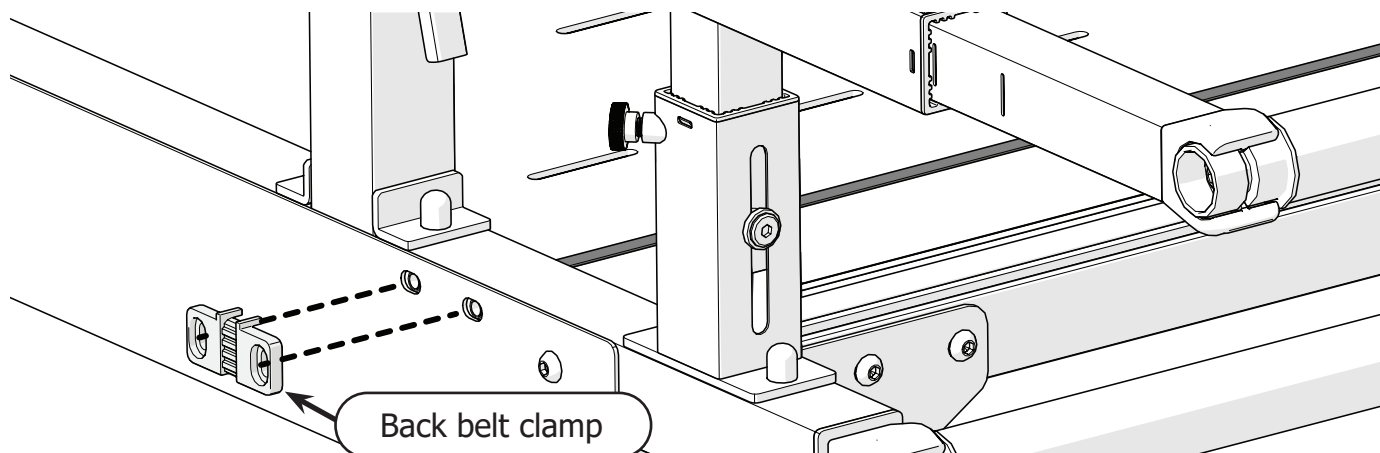
- 7 Uncoil the **long belt** so that it can lay flat across the frame.



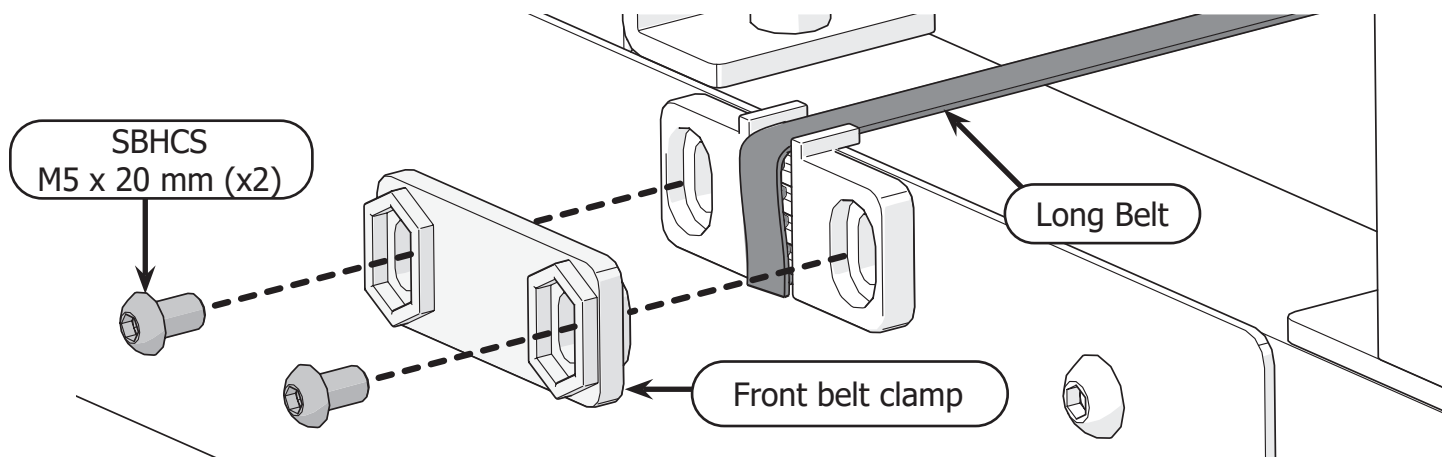
- 8 Set the bottom carriage down and align the wheels with the tracks.



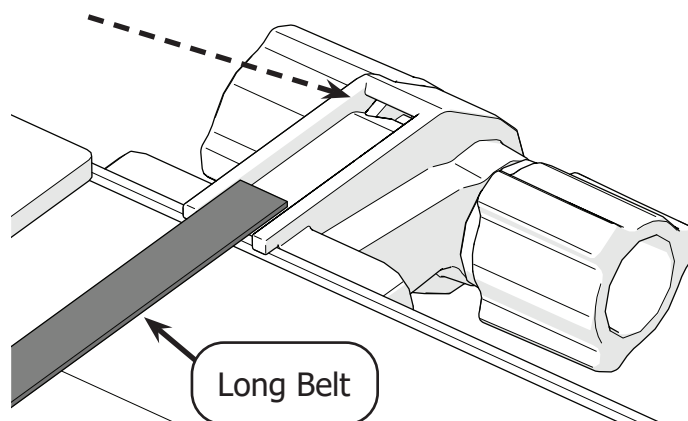
- 9 Place the **back belt clamp** onto the left side of the frame so it is aligned with the two screw holes.



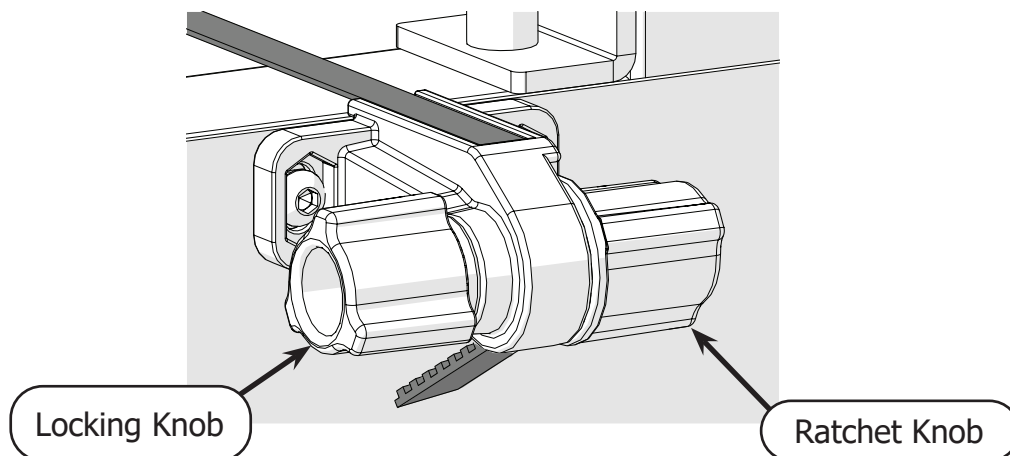
- 10 Drape the **long belt** over the back belt clamp, putting the end of the belt even with the bottom of the clamp. Use two **M5 x 20 mm SBHCS** and the 4 mm Allen wrench to attach the **front belt clamp**.



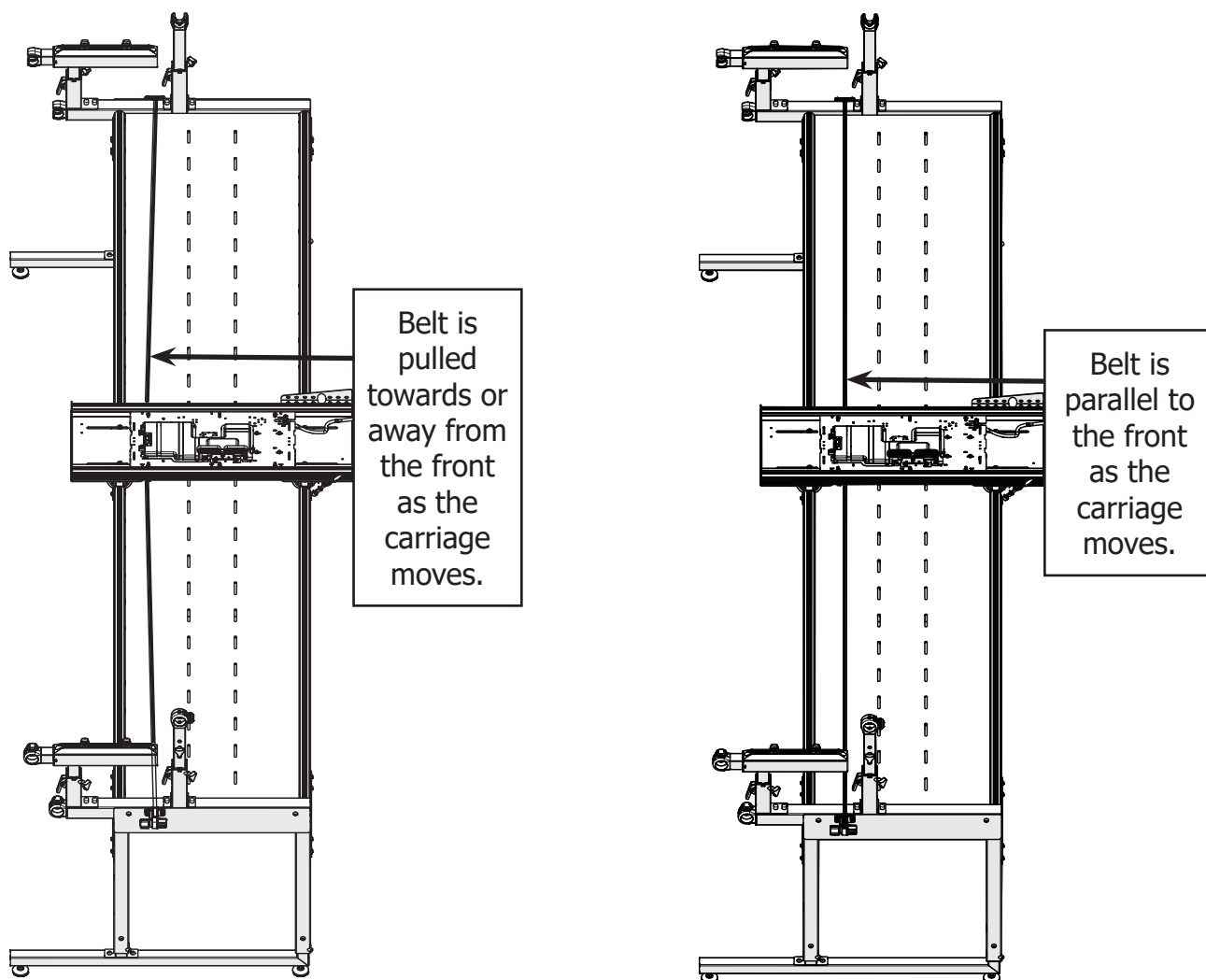
- 11 Feed the other end of the **long belt** into the belt tensioner on the right side of the frame.



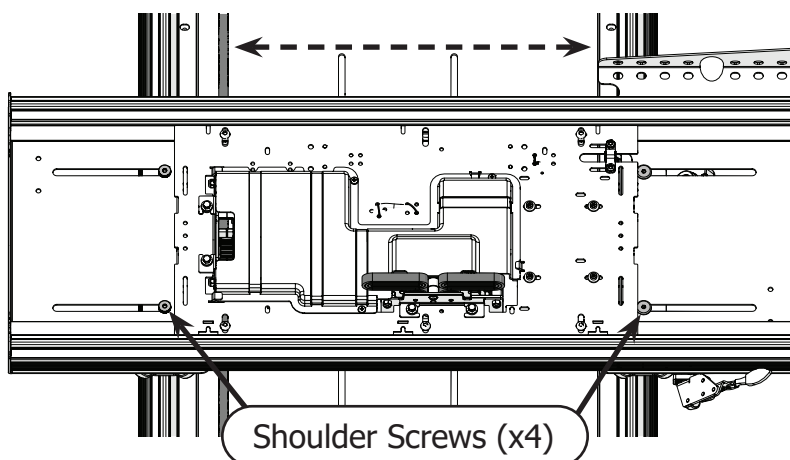
- 12 Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the **locking knob** to lock it in place.



- 13 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 14 If the belt is bowing, use the 4 mm Allen wrench to loosen the **shoulder screws** that attach the wheel bases to the carriage. Adjust the carriage on the wheel bases until the belt is straight and then re tighten the shoulder screws.



Congratulations! You have completed Part One of this manual.

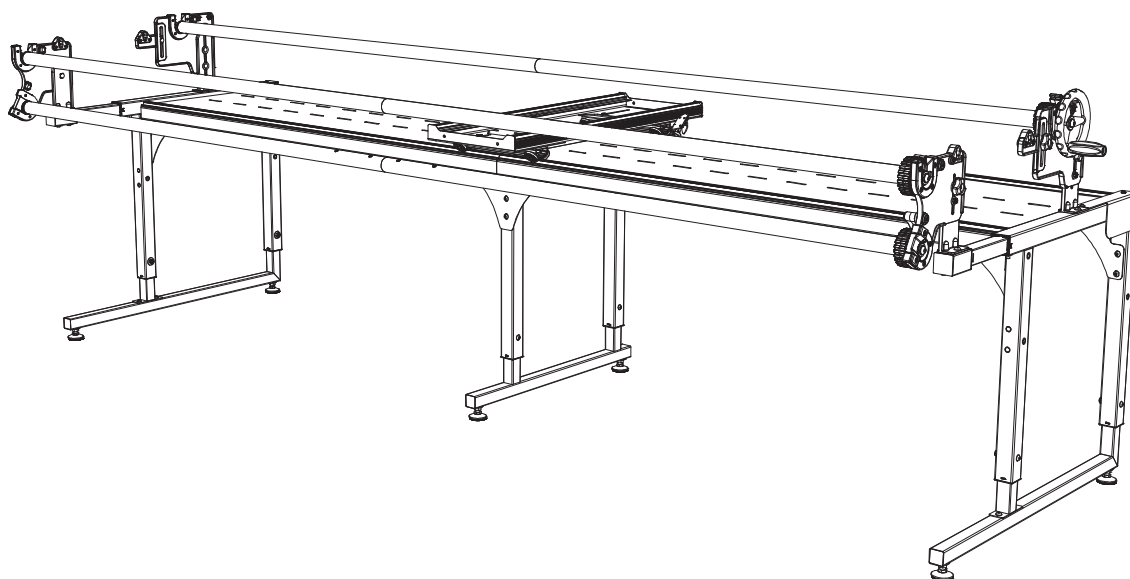
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Then continue onto Part Two of this manual on page 111.

Continuum Frame

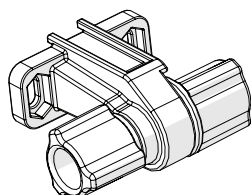


Note: These steps apply to all versions of the Continuum frame. The appearance of your frame may differ slightly to the one shown here.

Task 5: Tension the Long Belt

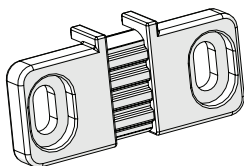
Parts & Tools Needed:

Belt Tensioner



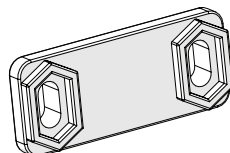
(Box I)

Back Belt Clamp



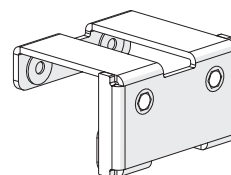
(Box I)

Front Belt Clamp



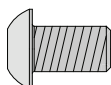
(Box I)

Continuum QM
Belt Bracket (x2)



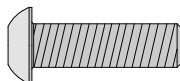
(Box Q)

SBHCS
M5 x 10 mm (x2)



(Box Q)

SBHCS
M5 x20 mm (x2)



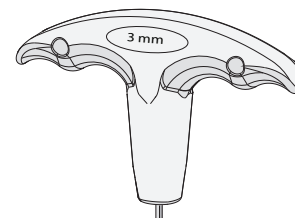
(Box Q)

L-Shaped Allen
Wrench 3 mm



(Box G)

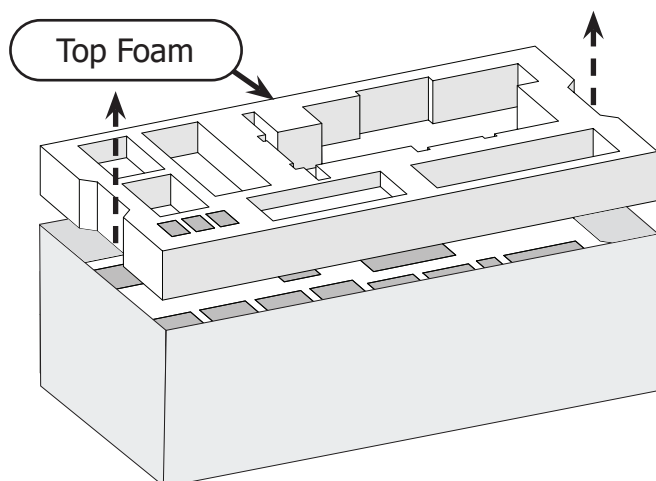
T-Handle Allen
Wrench 3 mm



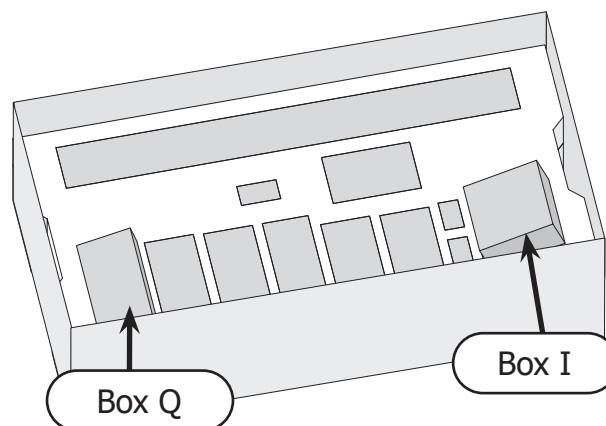
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

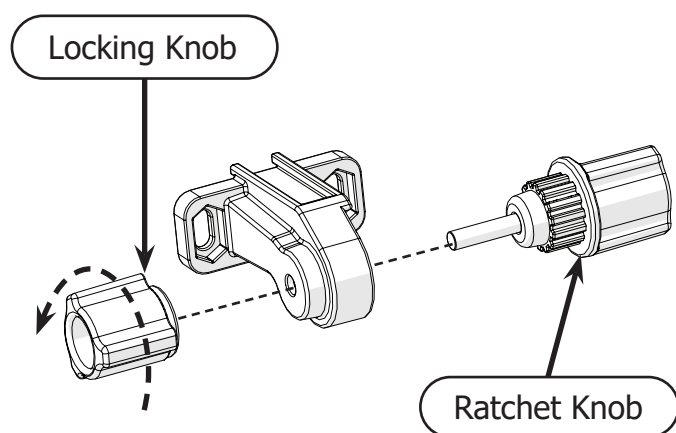
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



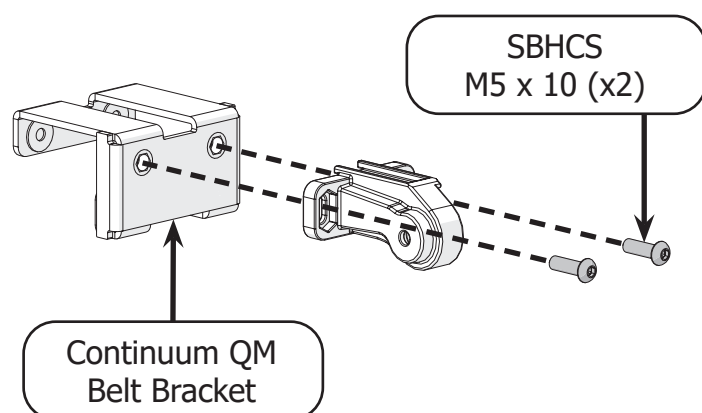
- 2 Remove **box I** and **box Q** to find the parts needed for this step.



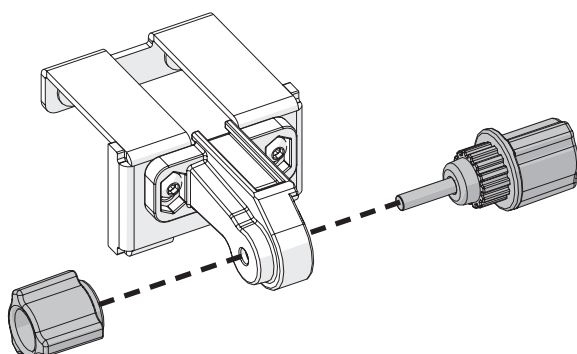
- 3 Turn the **locking knob** of the belt tensioner counter-clockwise to remove both the locking knob and the **ratchet knob**.



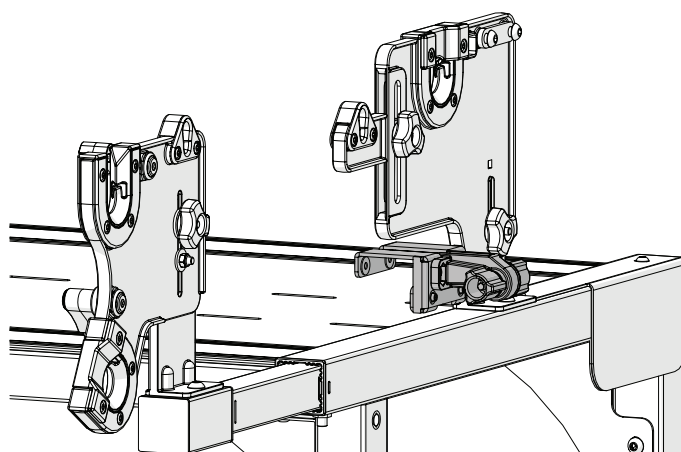
- 4 Use the two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench to attach the tensioner to the **Continuum QM belt bracket**.



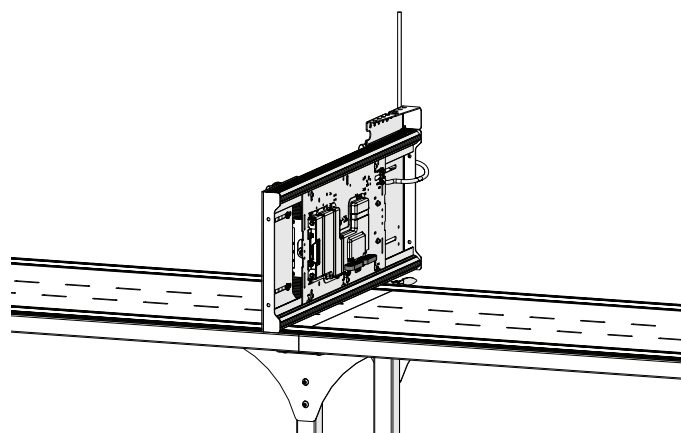
- 5 Reinstall the tensioner knobs.



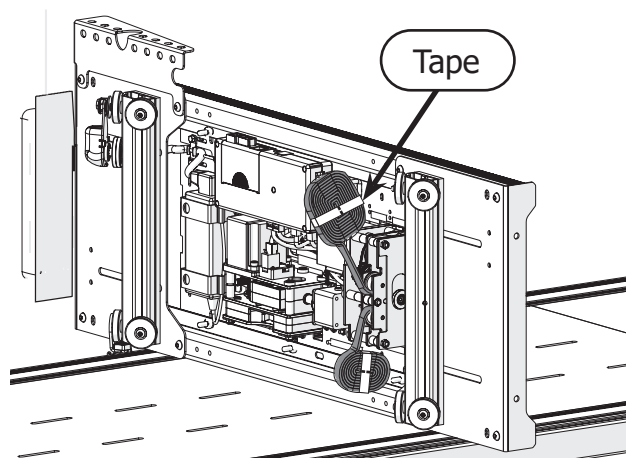
- 6 Place the bracket on the right side of the frame near the front. Do not tighten the set screws at this time.



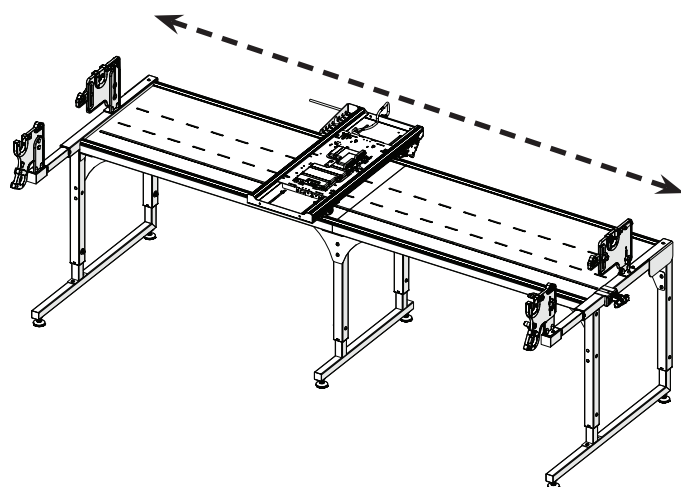
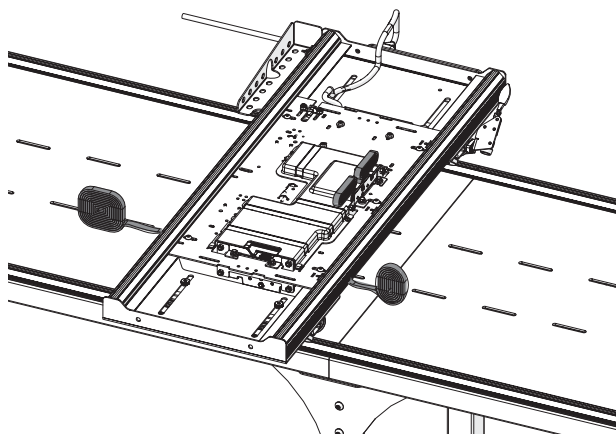
- 7 Place the bottom carriage on its right side on the frame. Do not align with the wheels with the tracks at this time.



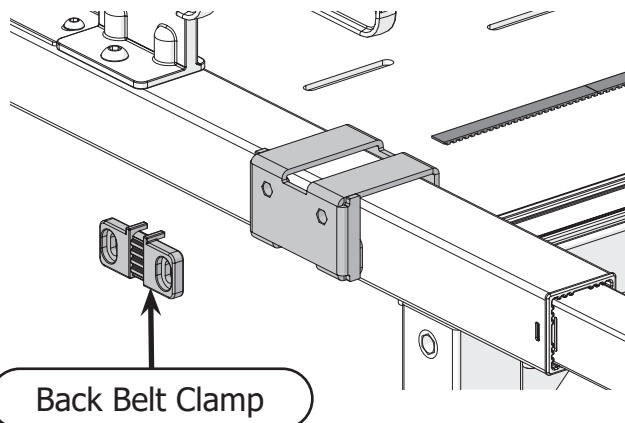
- 8 Cut the **tape** that is holding the long belt coils together and unroll several inches of each end of the belt.



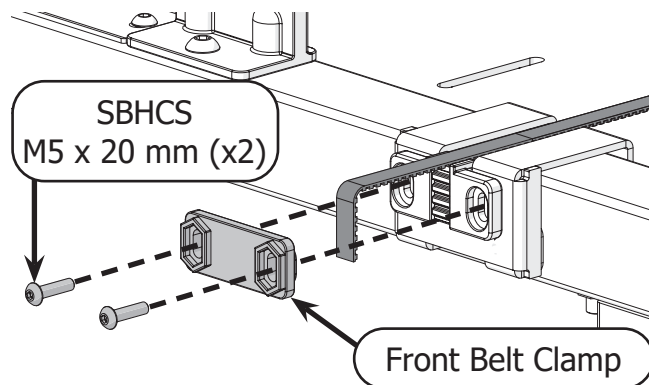
- 9 Lay the carriage flat with the wheels on the tracks and finish unrolling the long belt.



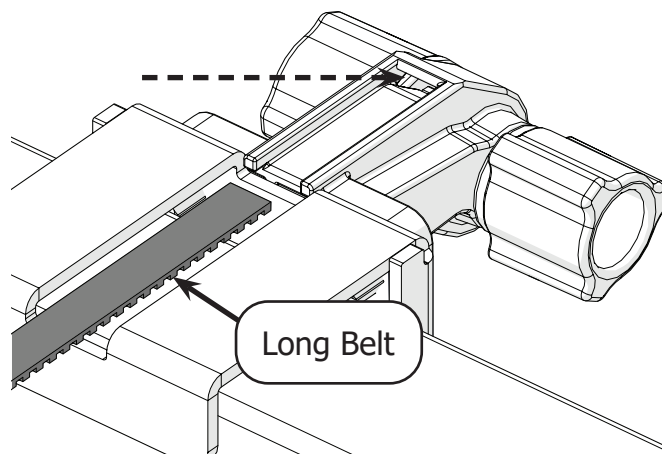
- 10 Place the other bracket on the left side of the frame near the front and hold the **back belt clamp** in place so that the holes align with the holes in the bracket.



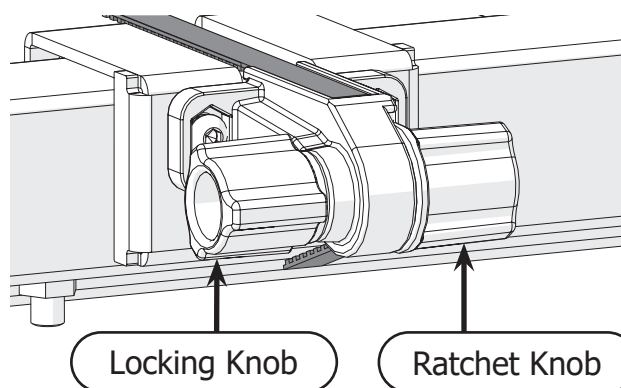
- 11 Drape the long belt over the back clamp and fasten in place with the **front belt clamp** and the two **M5 x 20 mm SBHCS**. Tighten with the 3 mm Allen wrench.



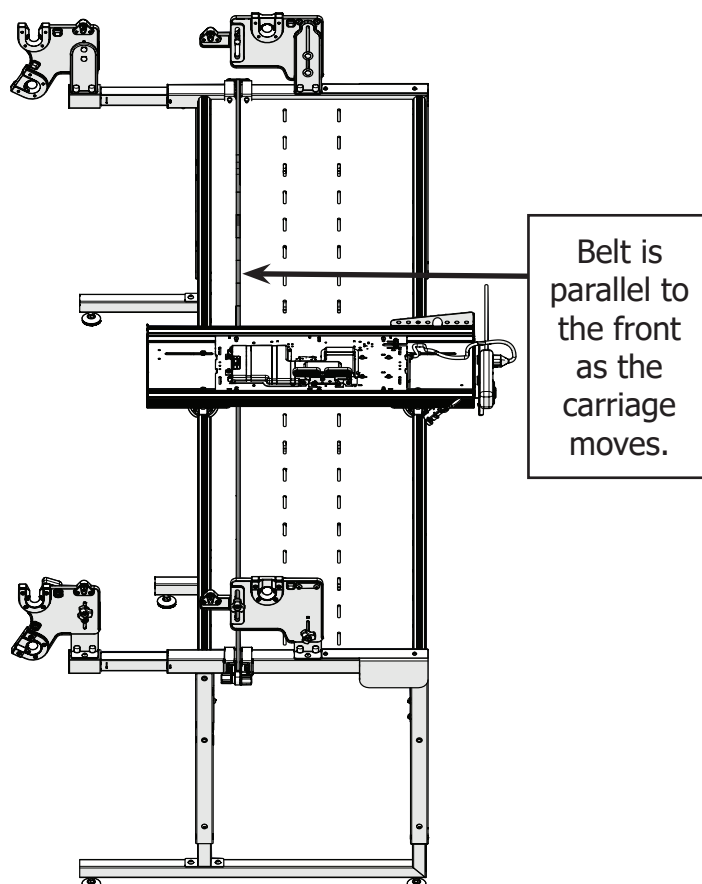
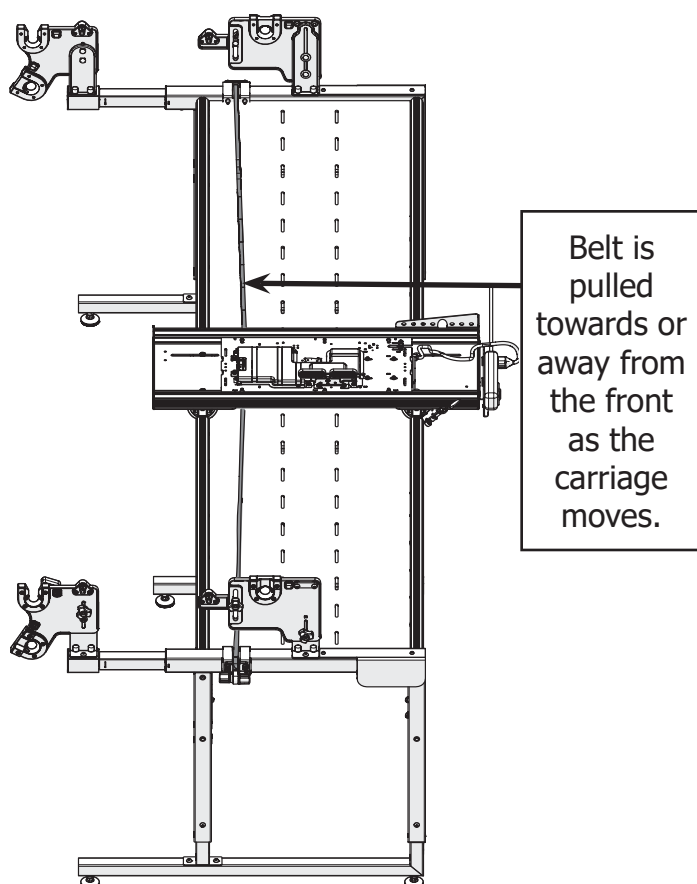
- 12 Feed the other end of the **long belt** into the belt tensioner on the right side of the frame.



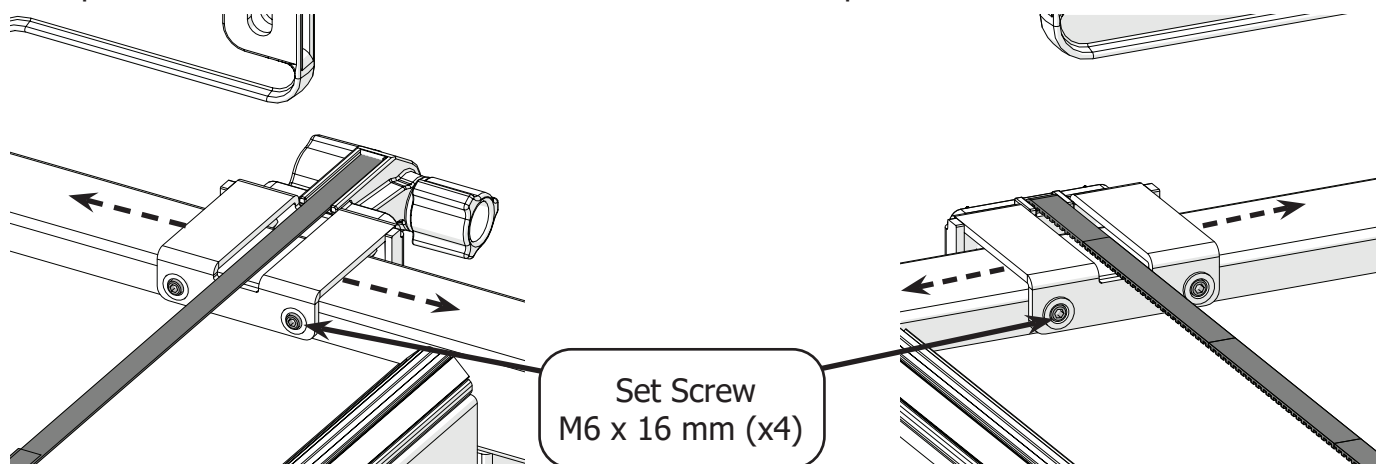
- 13 Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the **locking knob** to lock it in place.



- 14 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 15 If the belt is bowing, adjust the two belt brackets along the side of the frame until the belt is straight. Use the L-shaped 3 mm Allen wrench to tighten the four **M6 x 16 mm set screws** that are pre-installed on the brackets and hold the brackets in place.



Congratulations! You have completed Part One of this manual.

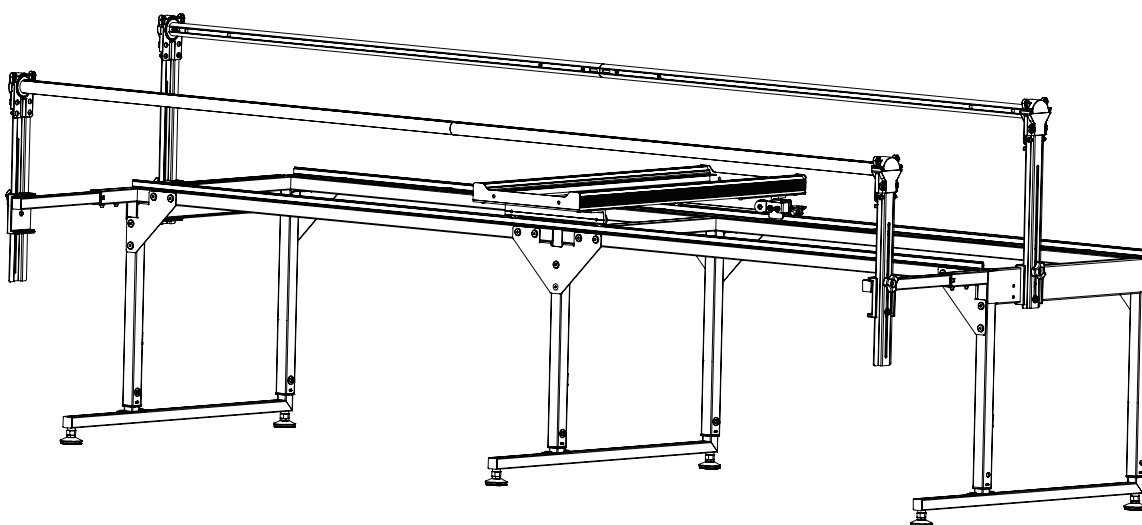
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Then continue onto Part Two of this manual on page 111.

Q-Zone Queen Frame

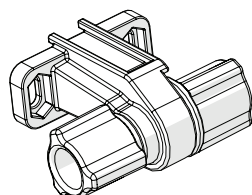


Note: These steps apply to all versions of the Q-Zone Queen frame. The appearance of your frame may differ slightly to the one shown here.

Task 5: Tension the Long Belt

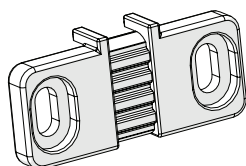
Parts & Tools Needed:

Belt Tensioner



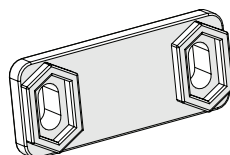
(Box I)

Back Belt Clamp



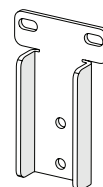
(Box I)

Front Belt Clamp



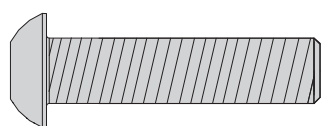
(Box I)

Frame Belt Bracket (x2)



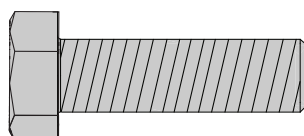
(Box L)

SBHCS
M6 x 25 mm (x4)



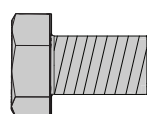
(Box L)

Hex Bolt
M6 x 20 mm (x2)



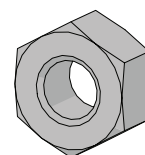
(Box L)

Hex Bolt
M6 x 10 mm (x2)



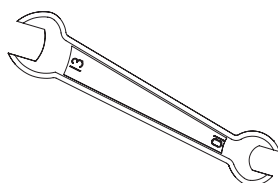
(Box L)

Hex Nut
M6 (x4)

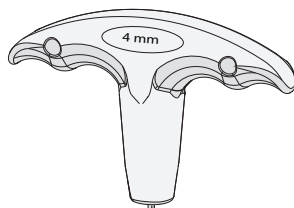


(Box L)

Open-end Wrench
10 mm & 13 mm



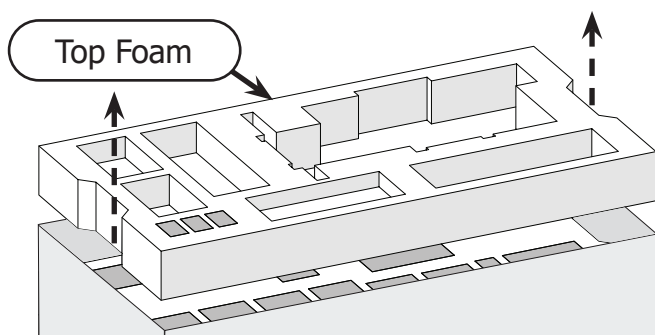
T- Handle
Allen Wrench 4 mm



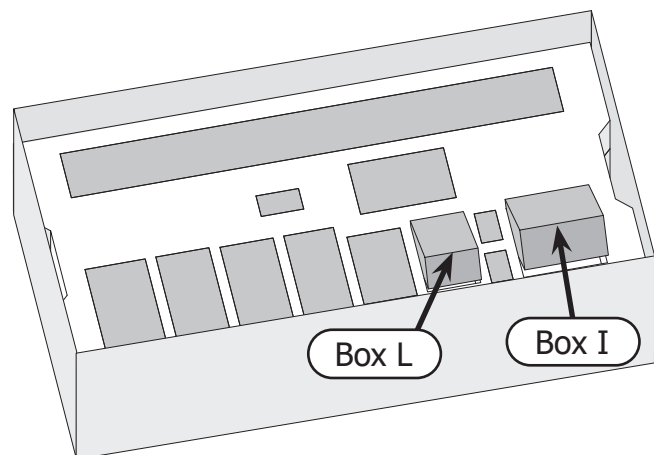
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

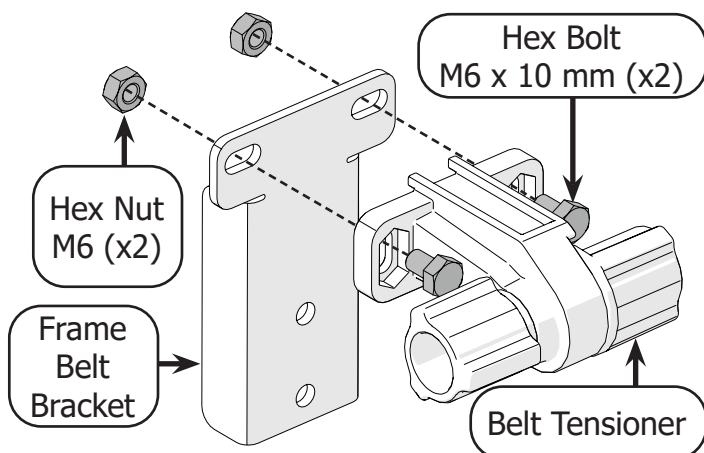
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



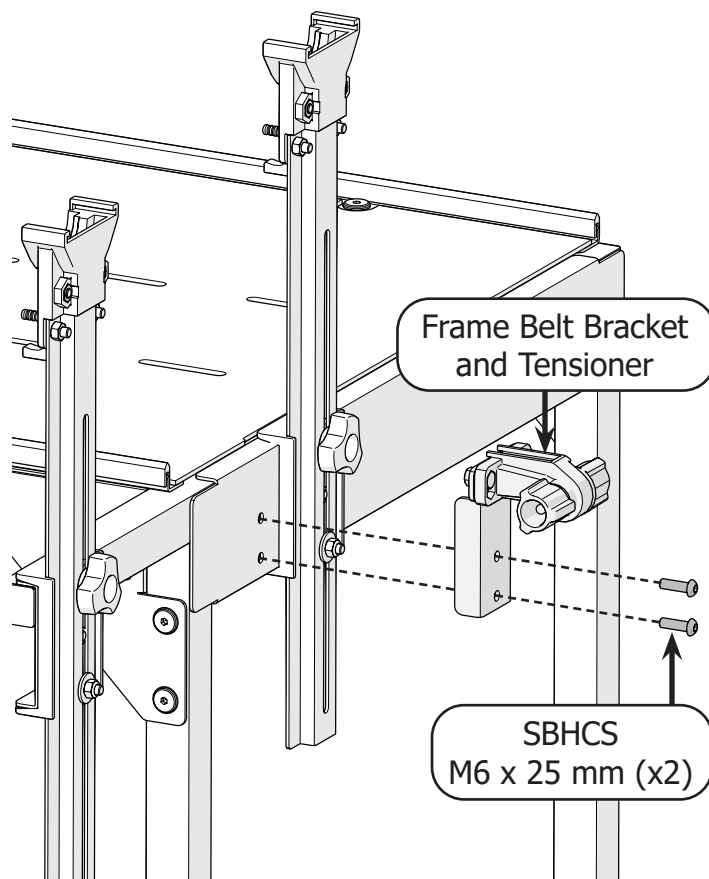
- 2 Open **box I** and **box L** to find the tools needed for this step.



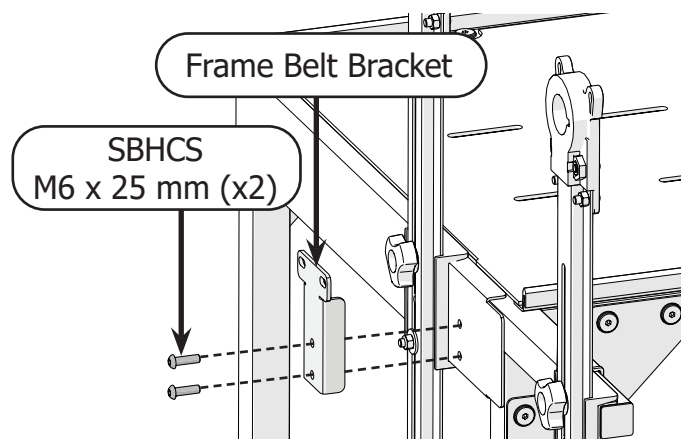
- 3 Use two **M6 x 10 mm hex bolts** and two **M6 hex nuts** to attach the **belt tensioner** to one of the **frame belt brackets**.



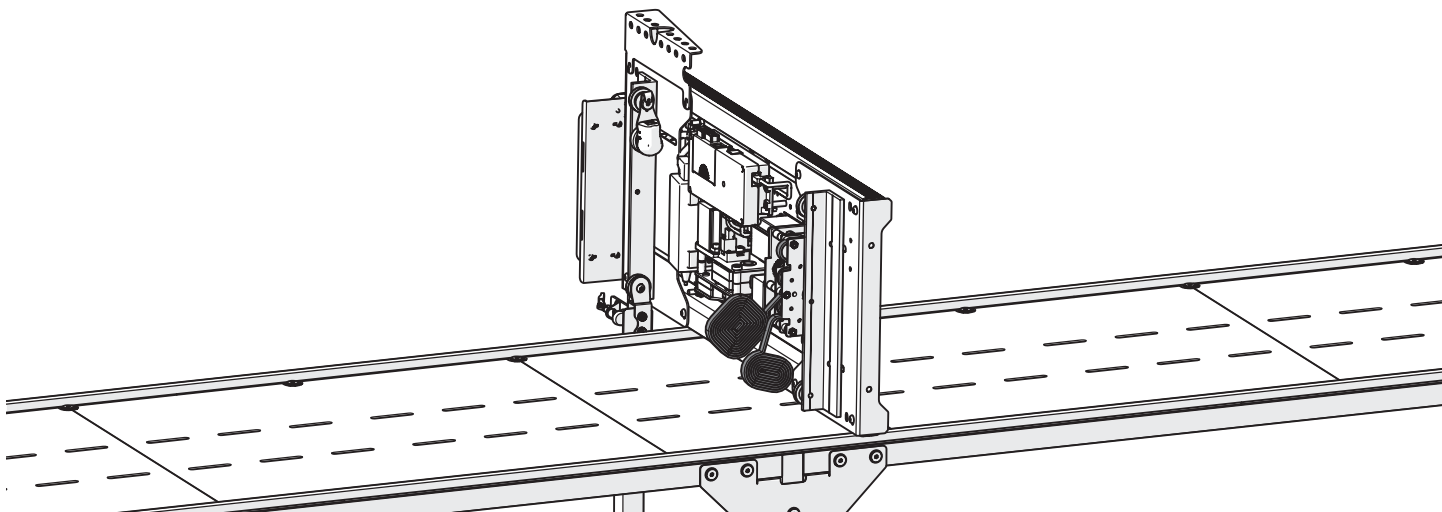
- 4 Attach the **frame belt bracket and tensioner** to the right side of the frame with two **M6 x 25 mm SBHCS** and the 4 mm Allen wrench.



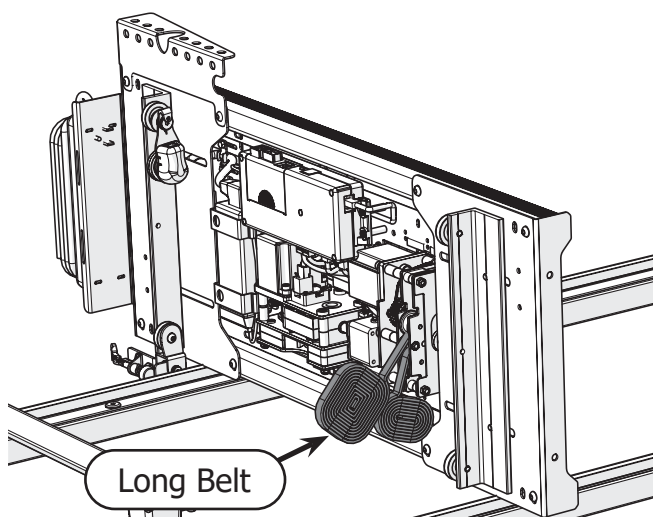
- 5 On the left side of the frame, attach the remaining **frame belt bracket** with two **M6 x 25 mm SBHCS** screws and the 3 mm Allen wrench.



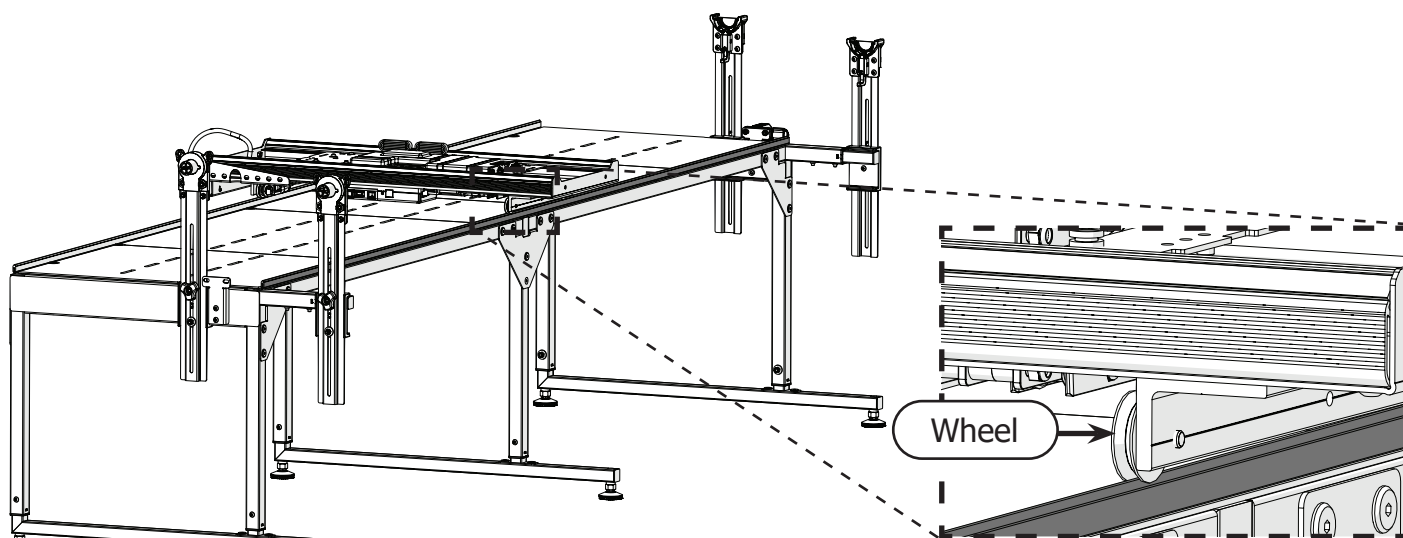
- 8 Place the bottom carriage on its side (do not attempt to line up the wheels with the track in this step).



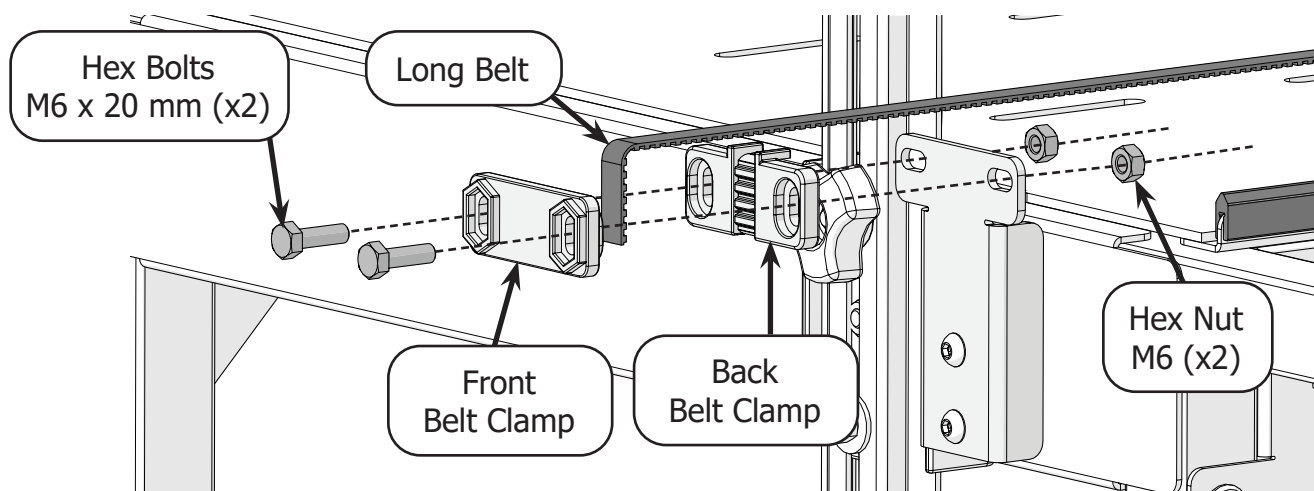
- 9 Uncoil the **long belt** so it can be spread across the frame.



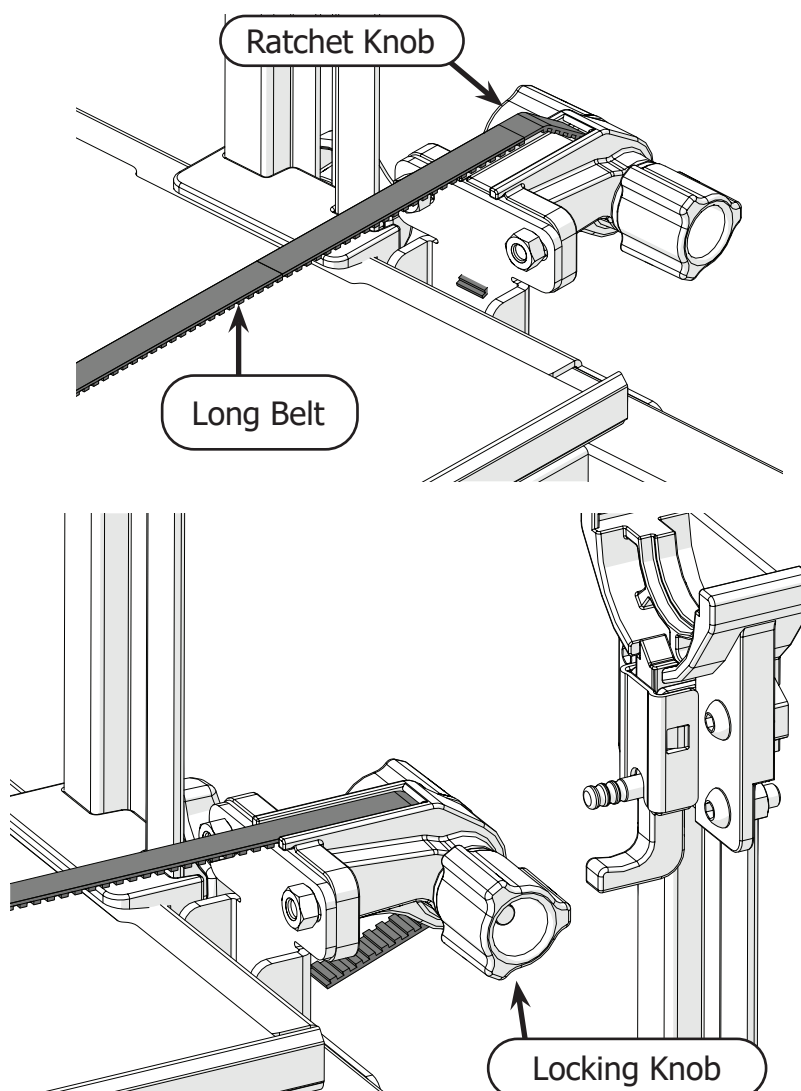
- 10 Align the bottom carriage **wheels** with the frame tracks.



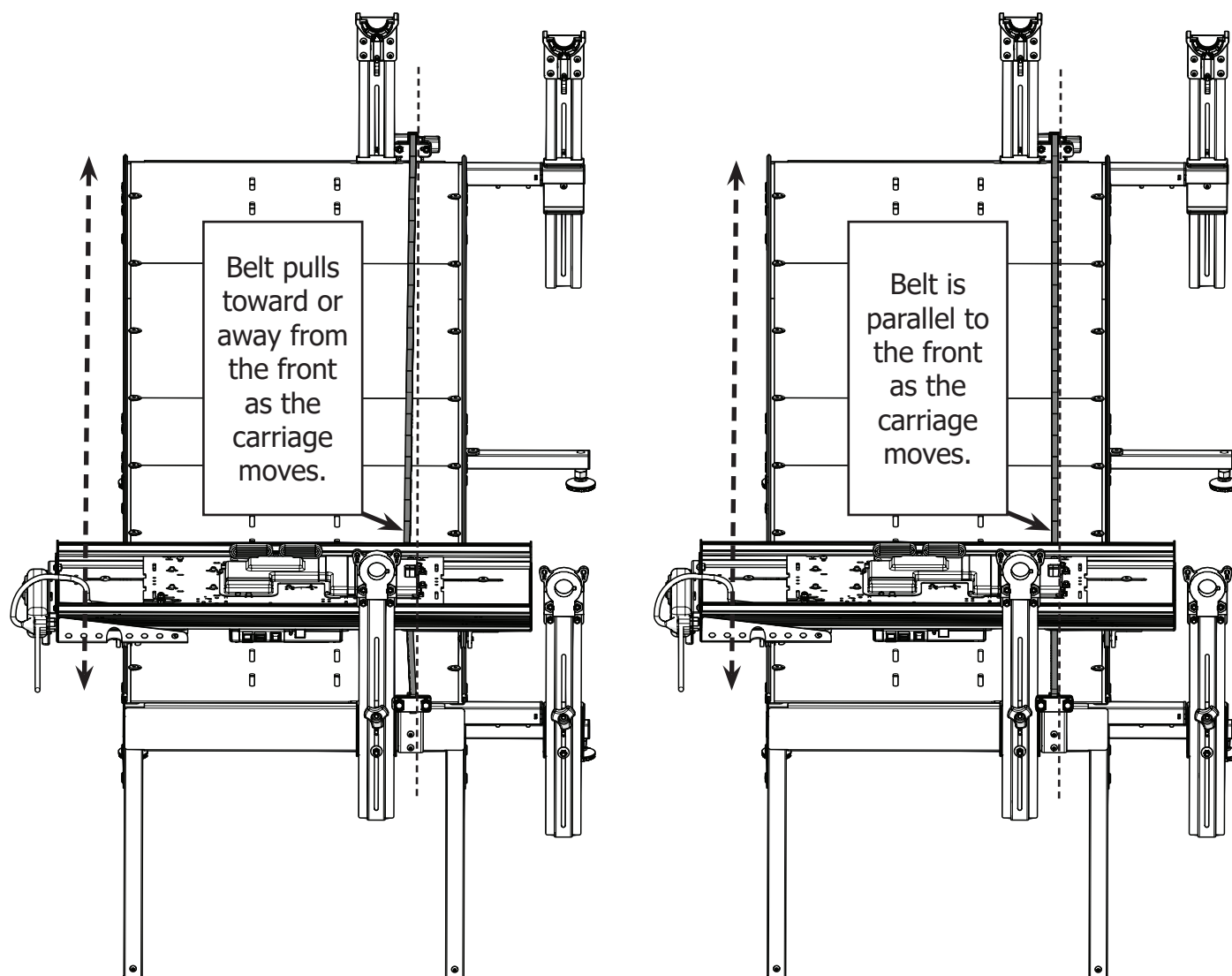
- 11 Clamp the **long belt** to the left side frame belt bracket with the **front** and **back belt clamps**, two **M6 x 20 mm hex bolts**, and two **M6 hex nuts**.



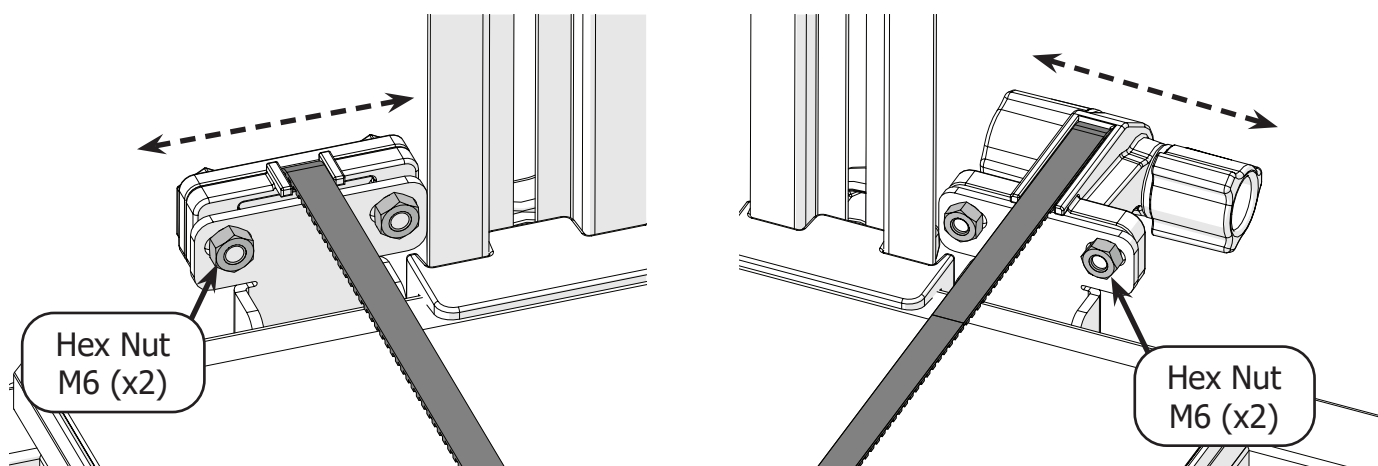
- 12 Feed the other end of the **long belt** into the tensioner on the right side of the frame. Turn the **ratchet knob** to pull the belt tight, and the **locking knob** to lock it in place.



- 13 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 14 If the belt bows, use the X mm open-ended wrench to loosen the **M6 hex nuts** holding the clamp or tensioner to the frame belt bracket. Adjust the tensioner or clamp position, then tighten nuts, and repeat step 13 to check for bowing.



Congratulations! You have completed Part One of this manual.

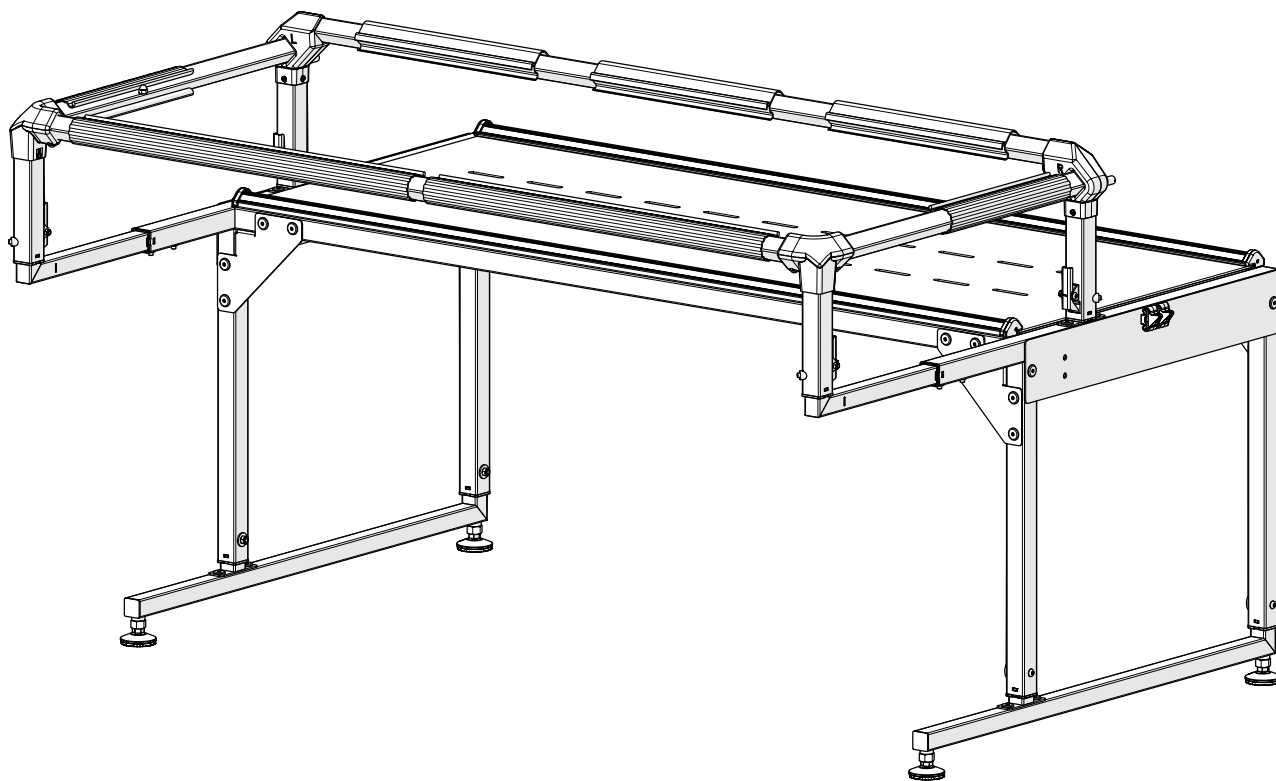
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

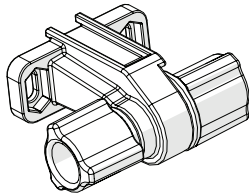
Q-Zone Hoop Frame Pro



Task 5: Tension the Long Belt

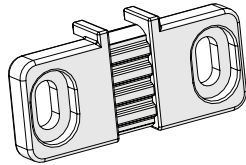
Parts & Tools Needed:

Belt Tensioner



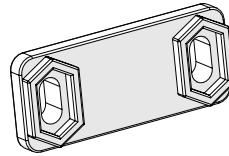
(Box I)

Back Belt Clamp



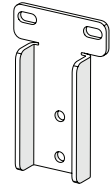
(Box I)

Front Belt Clamp



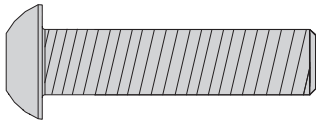
(Box I)

Frame Belt
Bracket (x2)



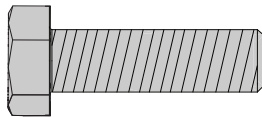
(Box L)

SBHCS
M6 x 25 mm (x4)



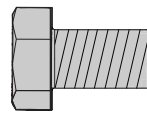
(Box L)

Hex Bolt
M6 x 20 mm (x2)



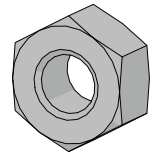
(Box L)

Hex Bolt
M6 x 10 mm (x2)



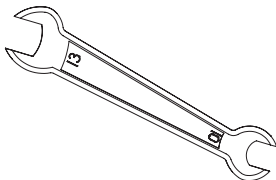
(Box L)

Hex Nut
M6 (x4)

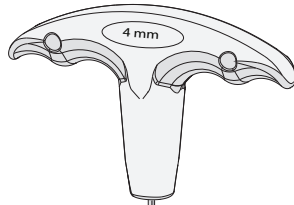


(Box L)

Open-end Wrench
10 mm & 13 mm



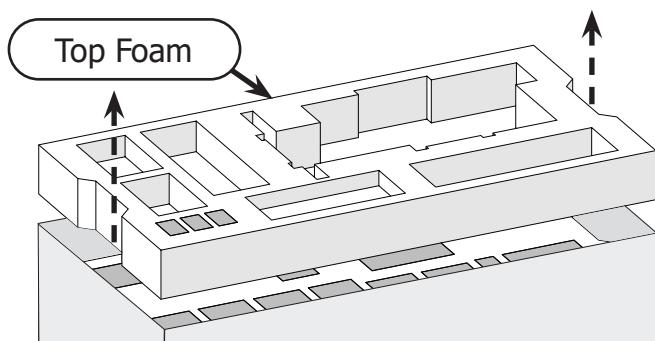
T- Handle
Allen Wrench 4 mm



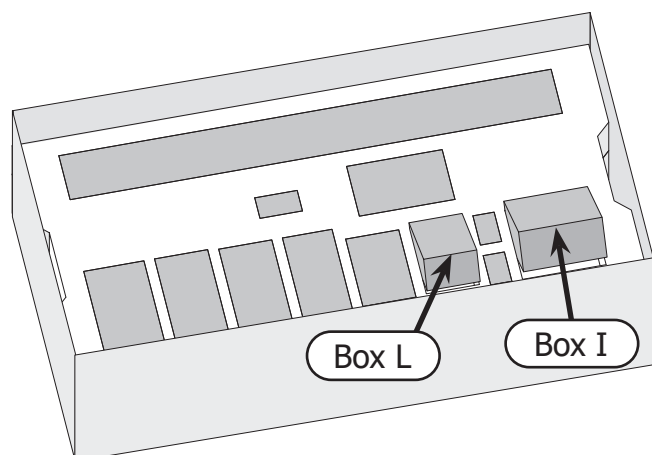
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

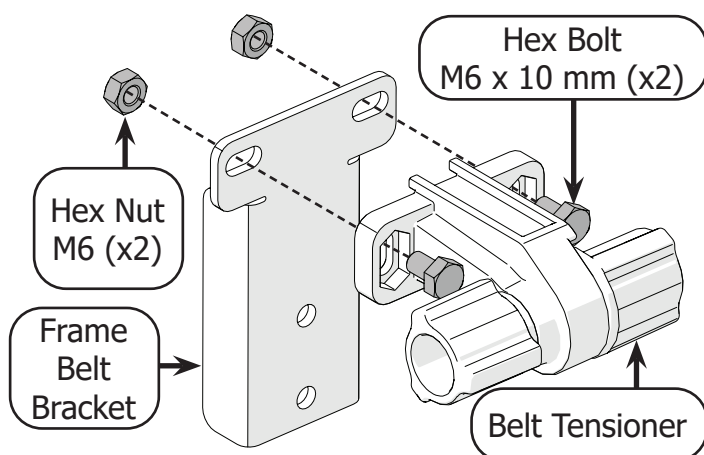
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



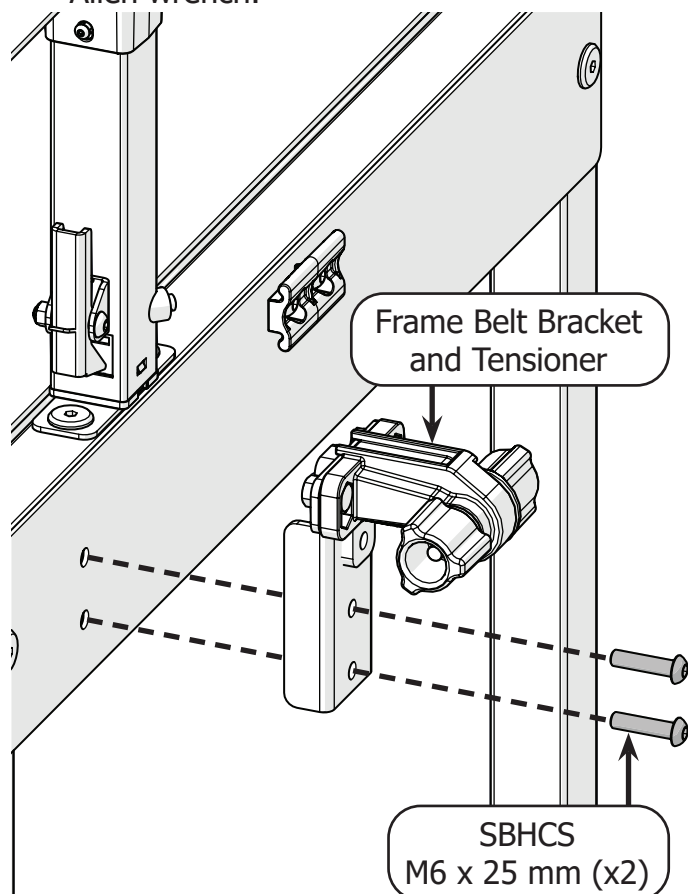
- 2 Open **box I** and **box L** to find the tools needed for this step.



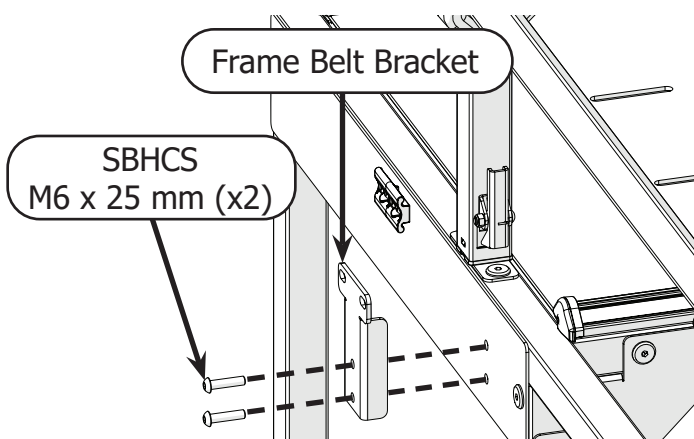
- 3 Use two **M6 x 10 mm hex bolts** and two **M6 hex nuts** to attach the **belt tensioner** to one of the **frame belt brackets**.



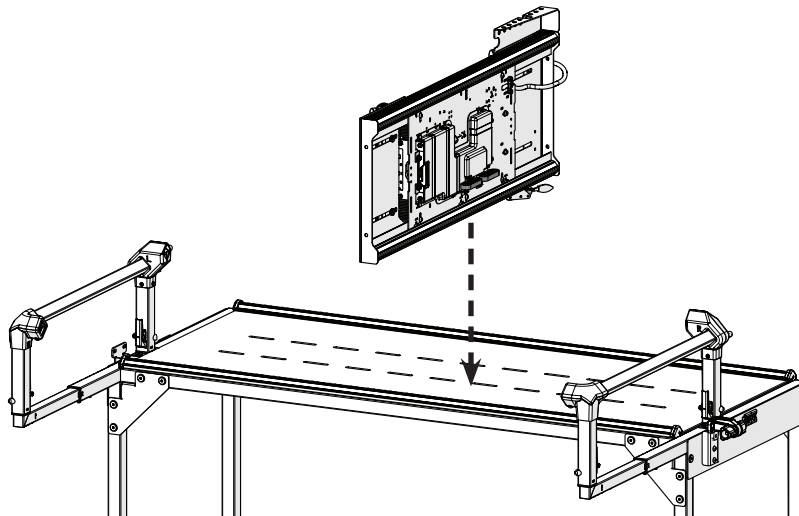
- 4 Attach the **frame belt bracket and tensioner** to the right side of the frame with two **M6 x 25 mm SBHCS** and the 4 mm Allen wrench.



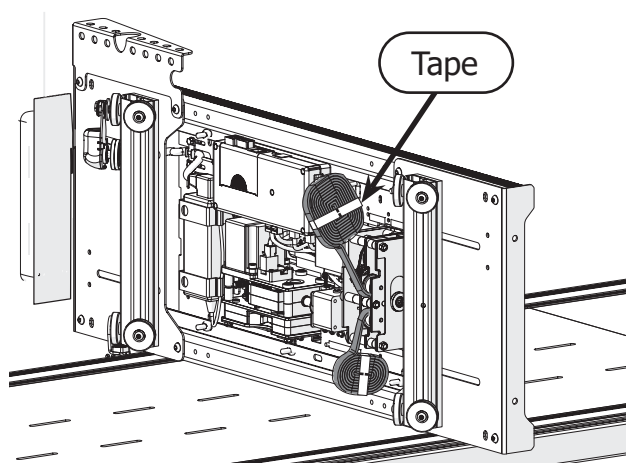
- 5 On the left side of the frame, attach the remaining **frame belt bracket** with two **M6 x 25 mm SBHCS** screws and the 3 mm Allen wrench.



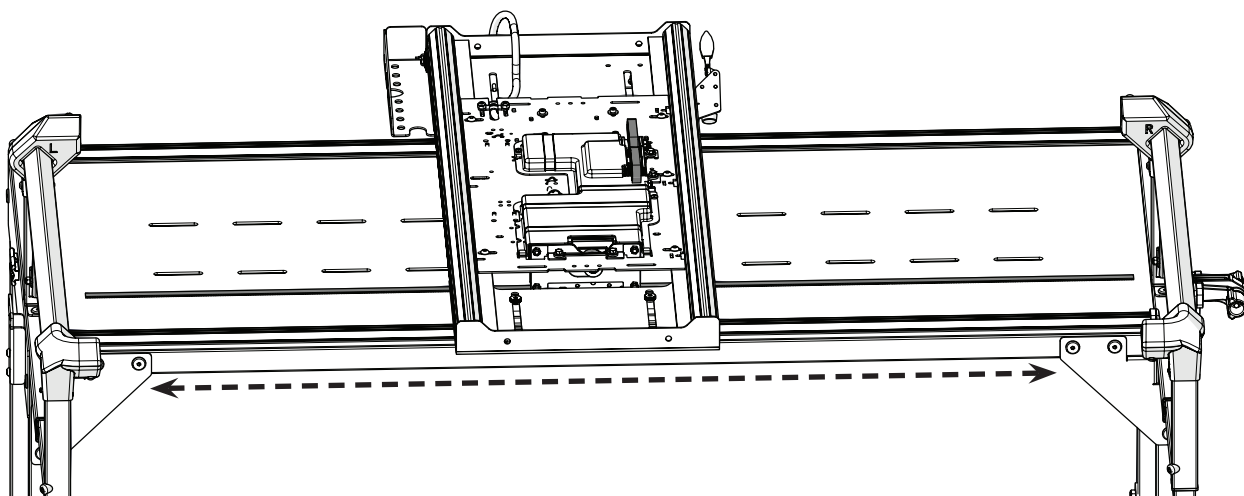
- 6 Place the bottom carriage on its side (do not attempt to line up the wheels with the track in this step).



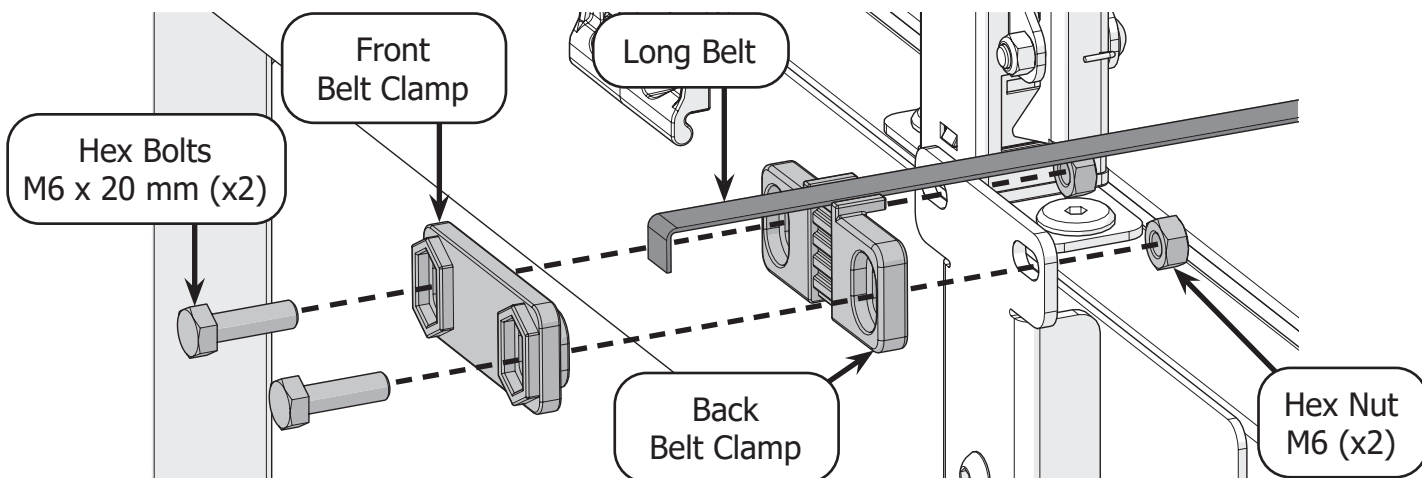
- 7 Cut the **tape** that is holding the long belt coils together and unroll several inches of each end of the belt.



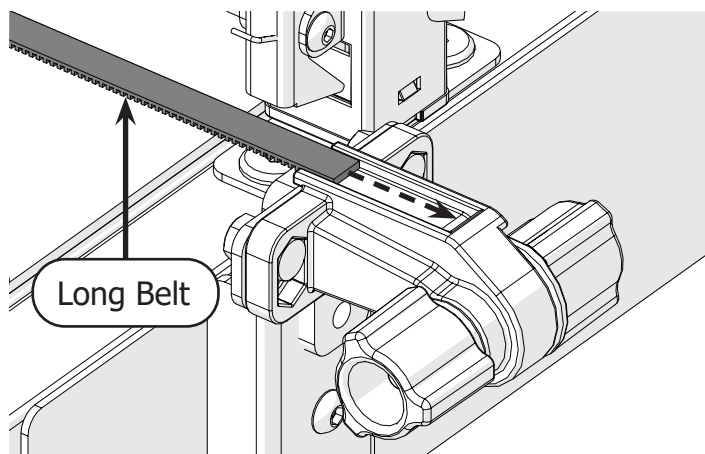
- 8 Lay the carriage flat with the wheels on the tracks and finish unrolling the long belt.



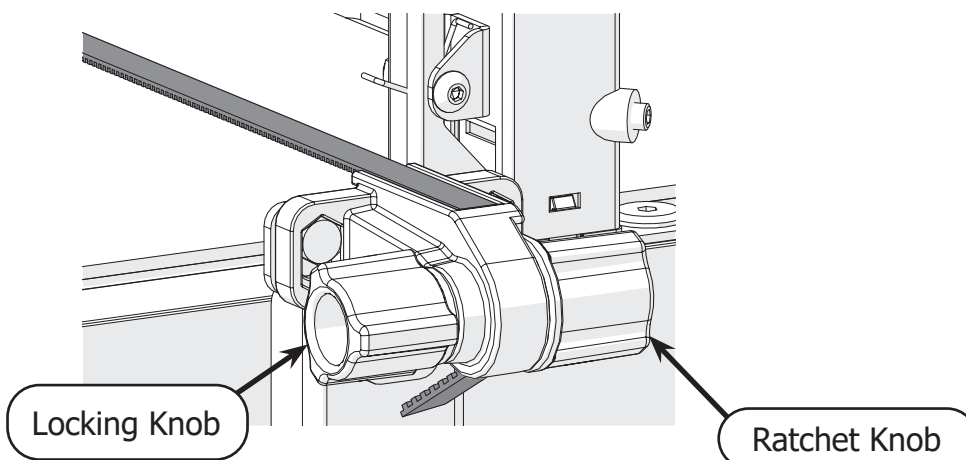
- 9 Clamp the **long belt** to the left side frame belt bracket with the **front** and **back belt clamps**, two **M6 x 20 mm hex bolts**, and two **M6 hex nuts**. Tighten the nuts with the 10 mm open-end wrench.



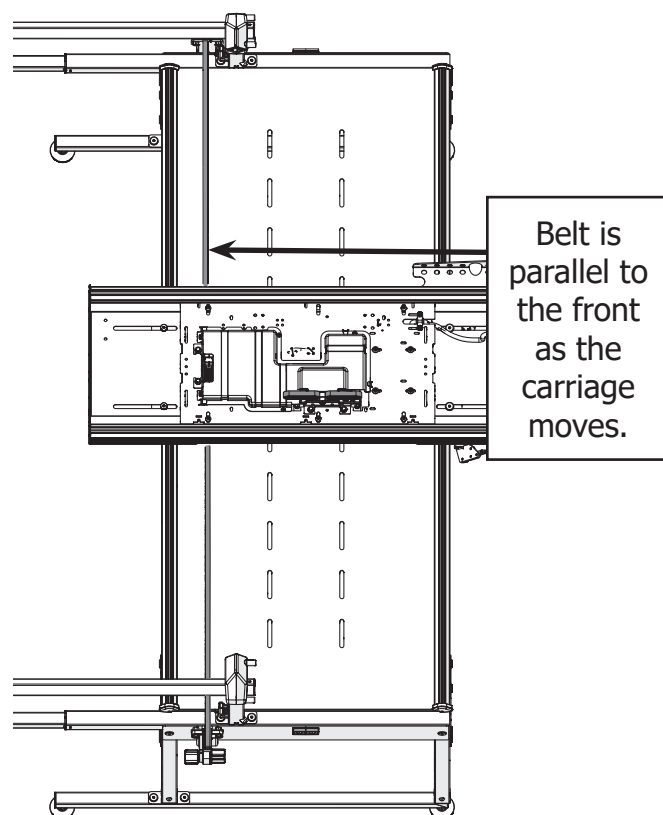
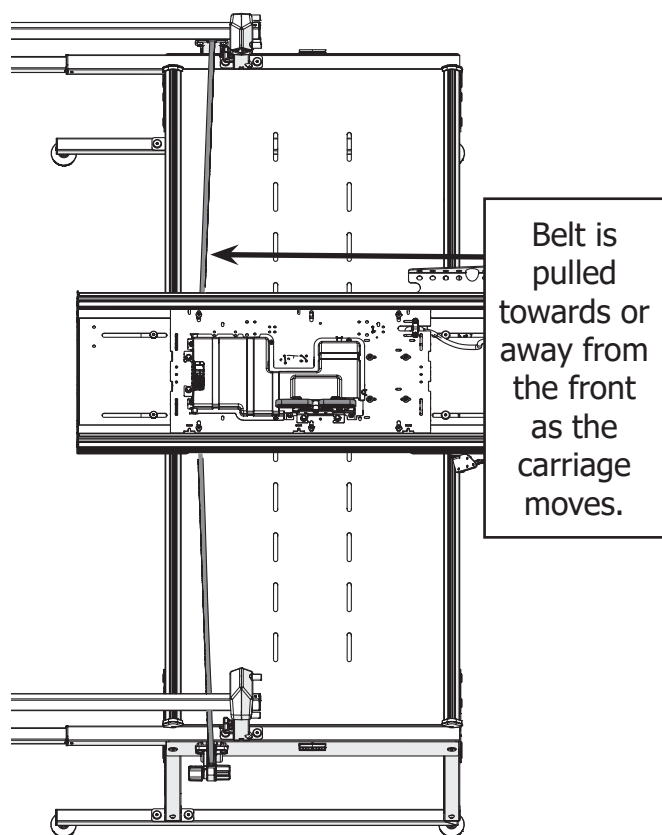
- 10 Feed the other end of the **long belt** into the belt tensioner on the right side of the frame.



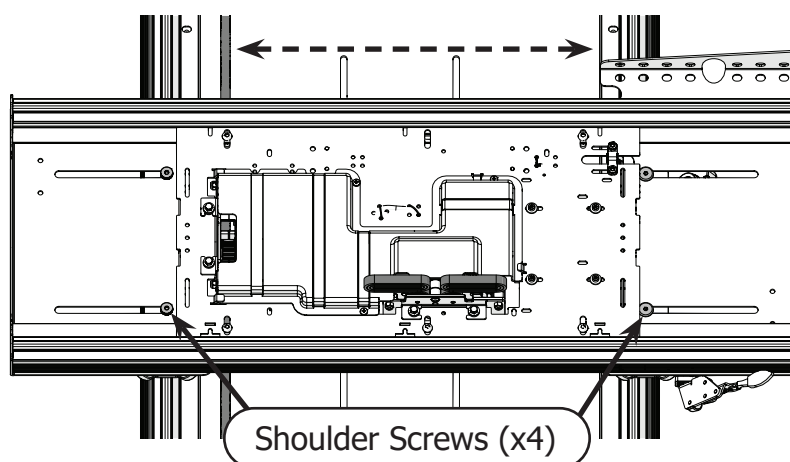
- 11 Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the **locking knob** to lock it in place.



- 12 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 13 If the belt is bowing, use the 4 mm Allen wrench to loosen the **shoulder screws** that attach the wheel bases to the carriage. Adjust the carriage on the wheel bases until the belt is straight and then re tighten the shoulder screws.



Congratulations! You have completed Part One of this manual.

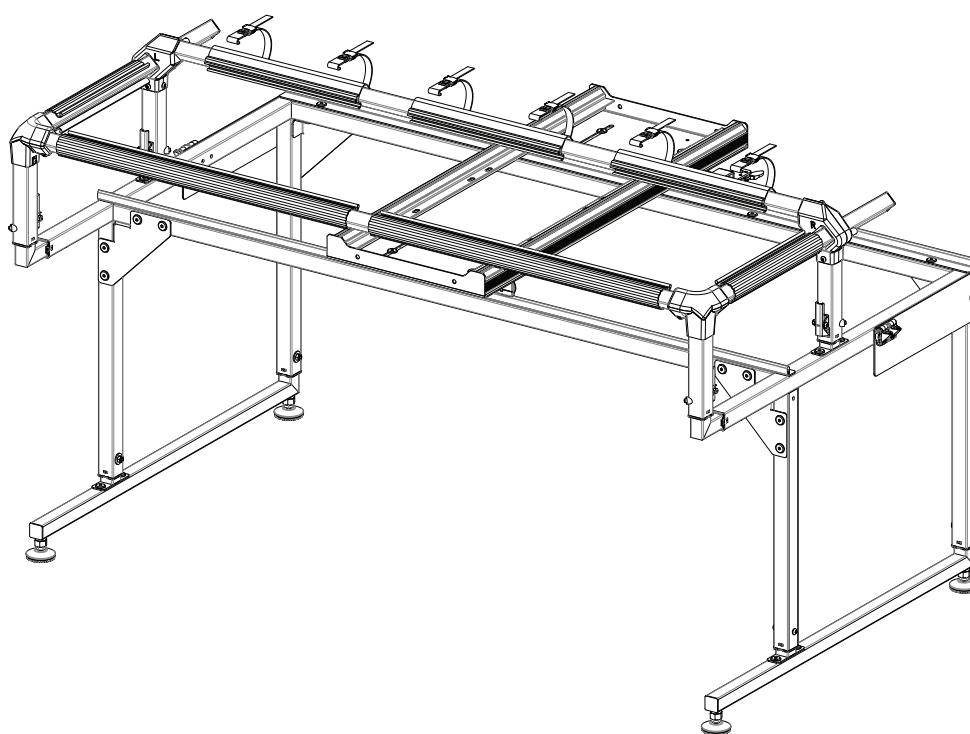
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
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If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

Q-Zone Hoop-Frame

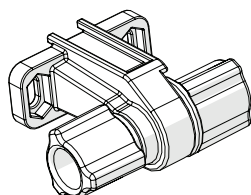


Note: These steps apply to all versions of the Q-Zone Hoop-Frame. The appearance of your frame may differ slightly to the one shown here.

Task 5: Tension the Long Belt

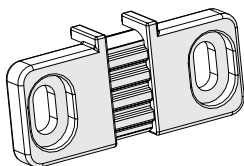
Parts & Tools Needed:

Belt Tensioner



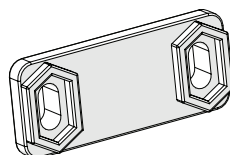
(Box I)

Back Belt Clamp



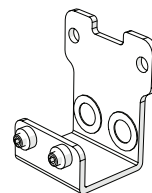
(Box I)

Front Belt Clamp



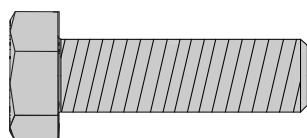
(Box I)

Frame Belt Bracket (x2)



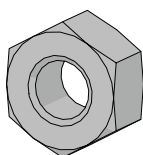
(Box N)

Hex Bolt
M6 x 20 mm (x4)



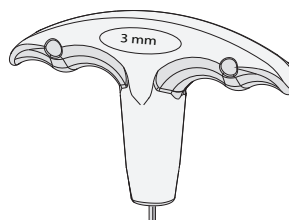
(Box N)

Hex Nut
M6 (x4)

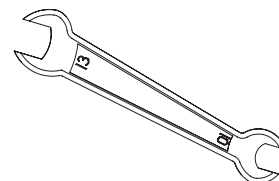


(Box N)

T-Handle Allen
Wrench 3 mm



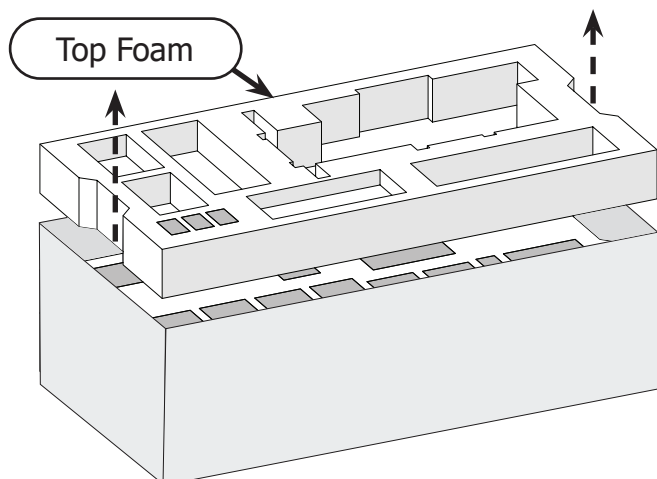
Open-end Wrench
10 mm & 13 mm



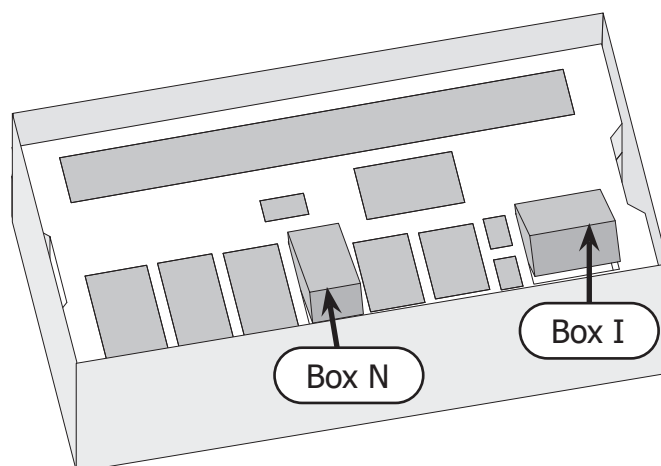
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

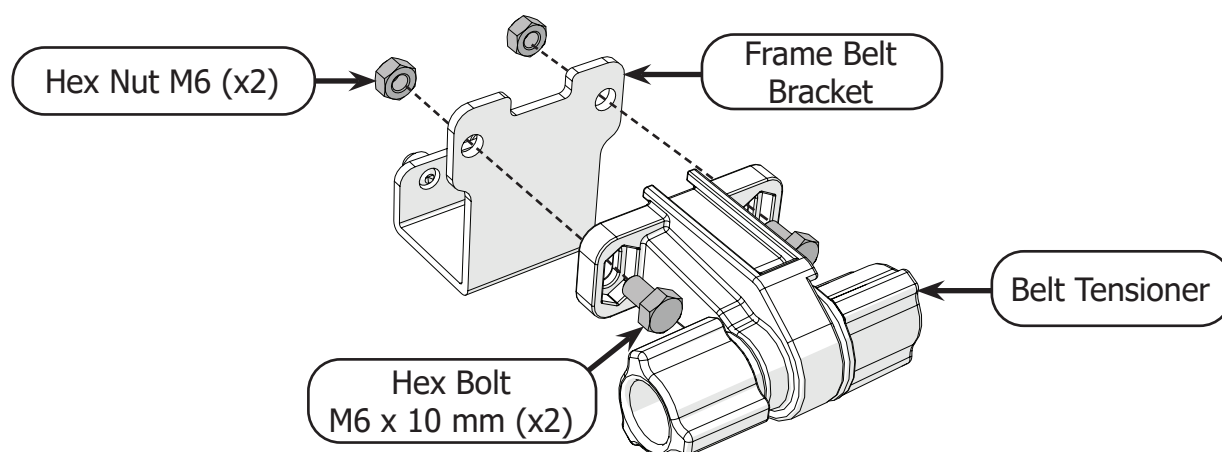
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



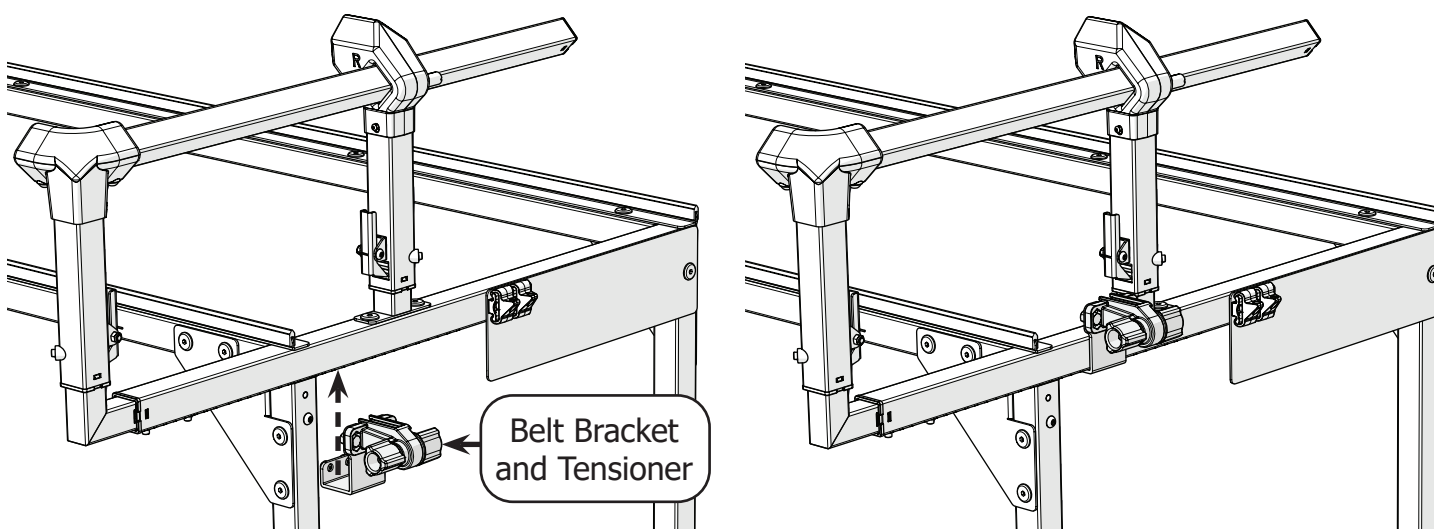
- 2 Remove the required parts from **box I** and **box N**.



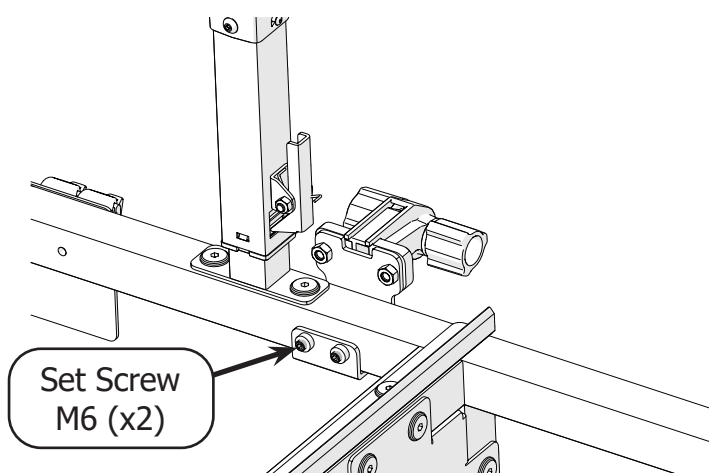
- 3 Use two **M6 x 10 mm hex bolts** and two **M6 hex nuts** to attach the **belt tensioner** to one of the **frame belt brackets**.



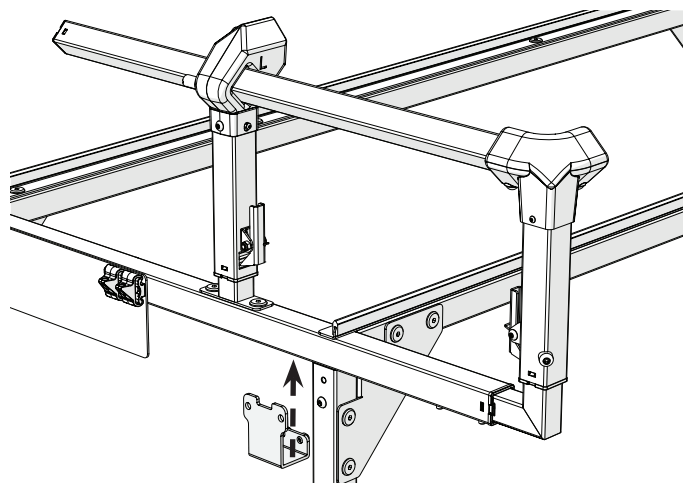
- 4 Press the **frame belt bracket and tensioner** up against the right side of the frame.



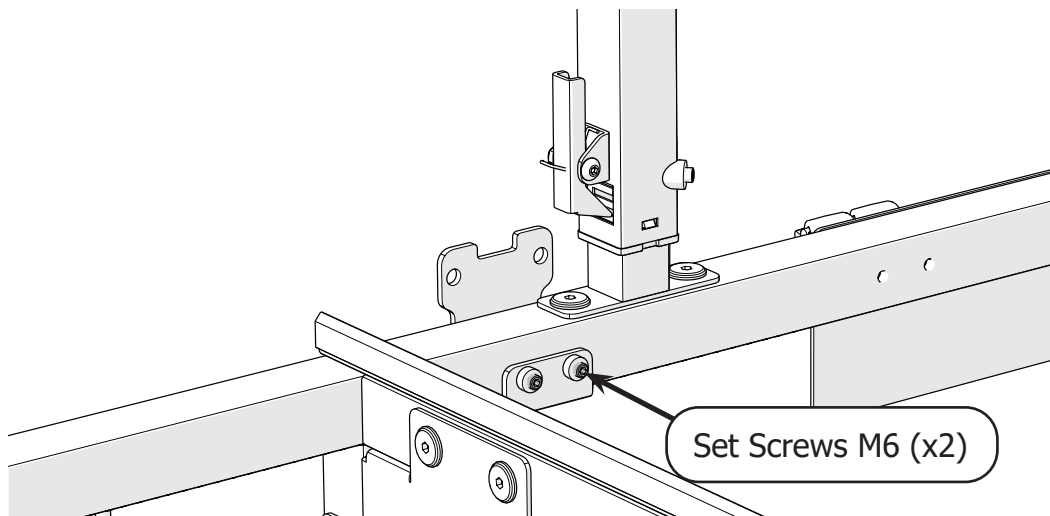
- 5 Use the 3 mm Allen wrench to tighten the **set screws** to fasten the frame belt bracket onto the frame.



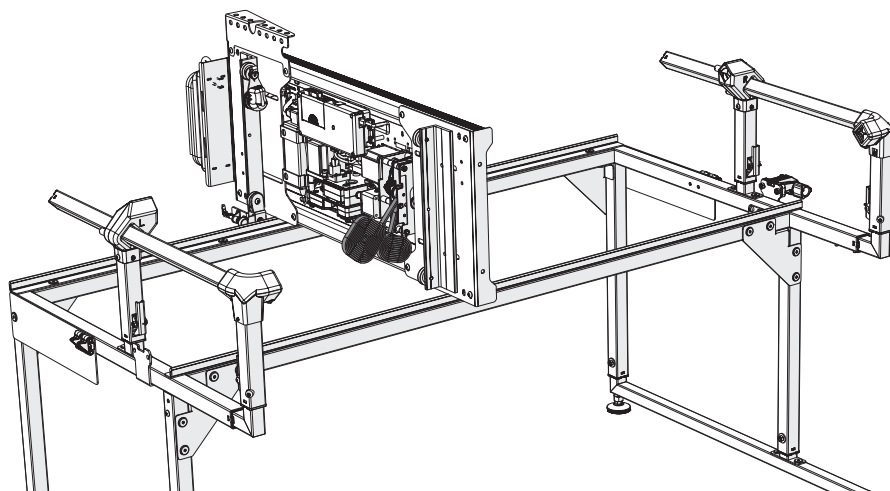
- 6 Press the remaining frame belt bracket up onto the left side of the frame.



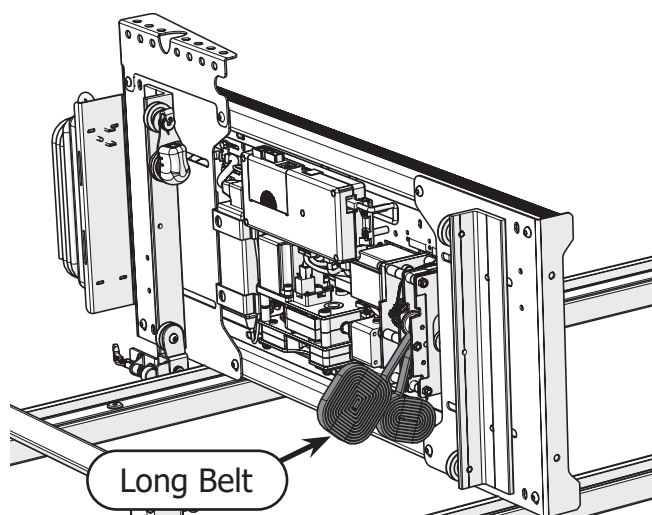
- 7 Use the 3 mm Allen wrench to tighten the **set screws** to fasten the frame belt bracket onto the frame.



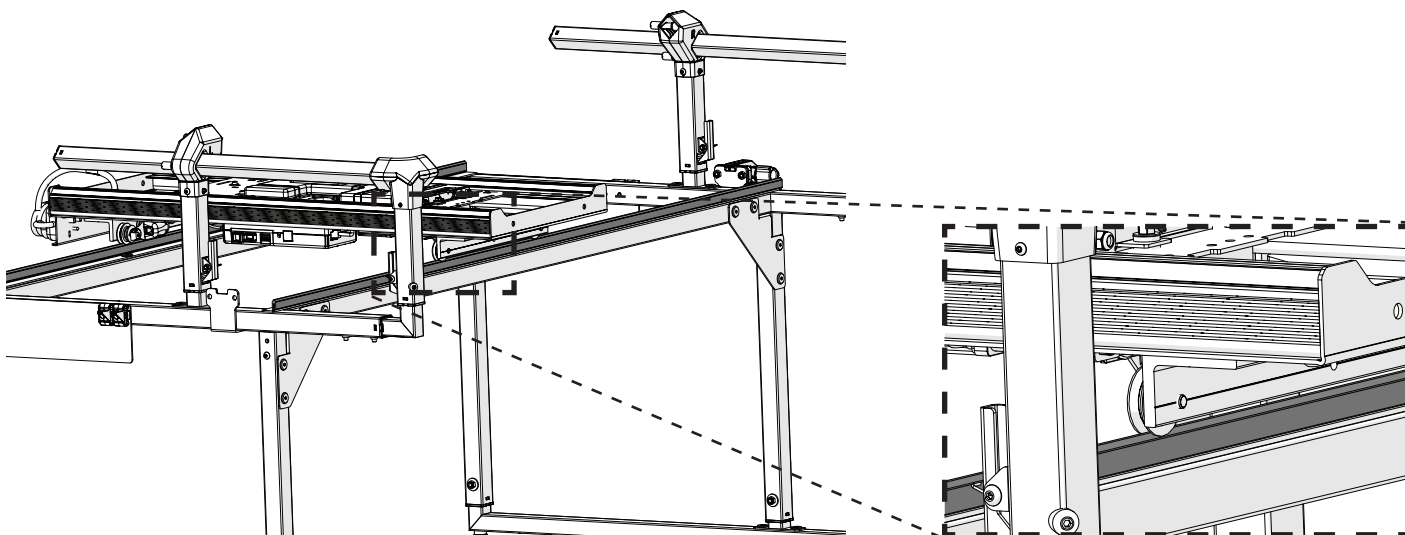
- 8 Place the bottom carriage on its side (do not attempt to line up the wheels with the track in this step).



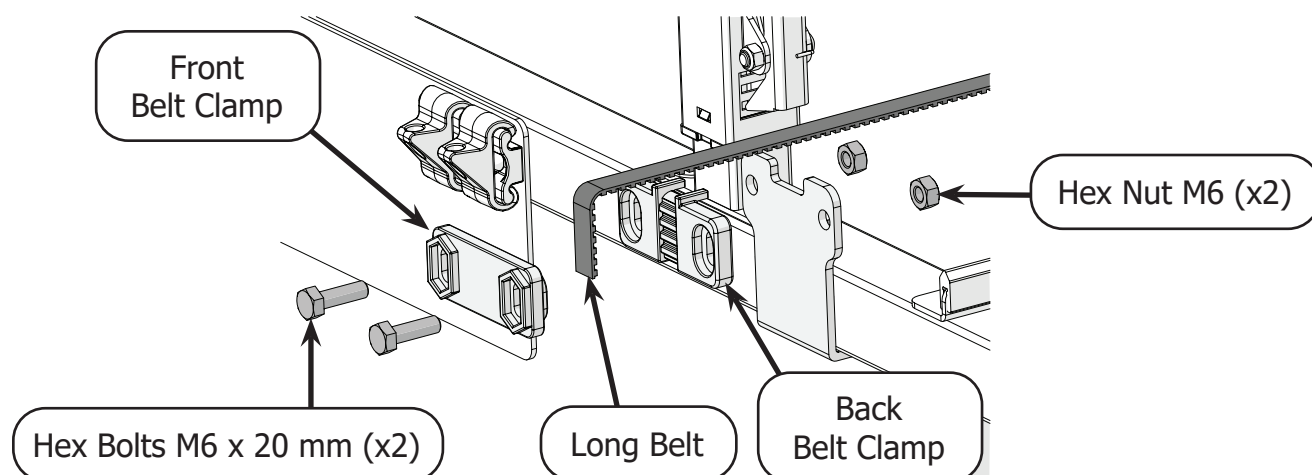
- 9 Uncoil the **long belt** coils so they dangle freely.



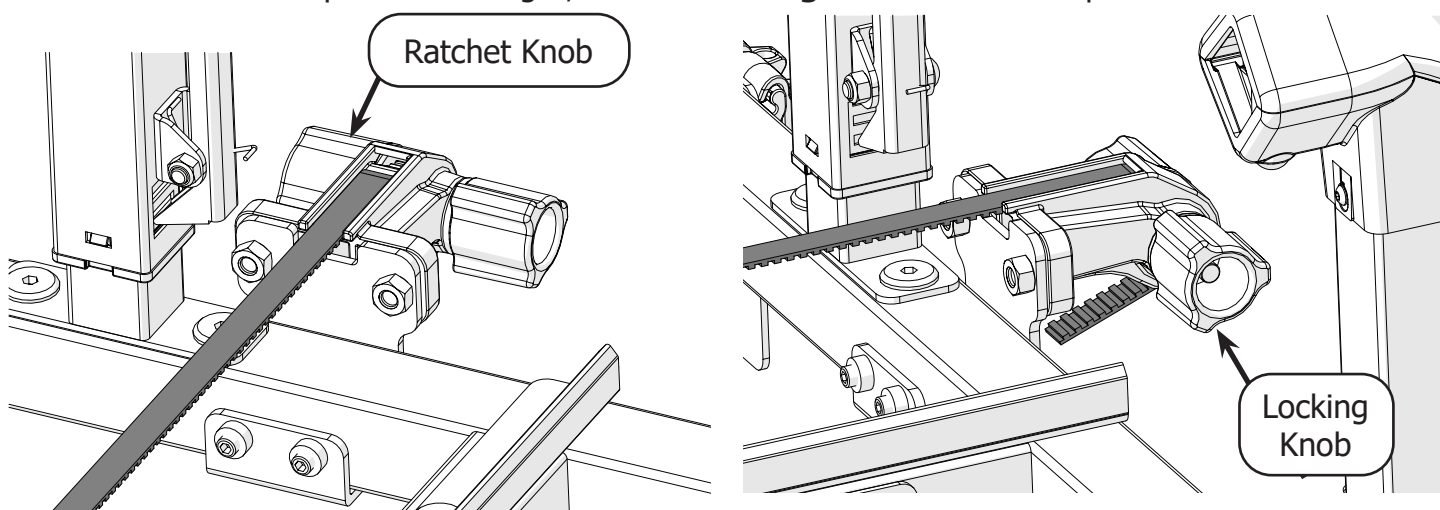
- 10 Align the bottom carriage wheels with the frame tracks.



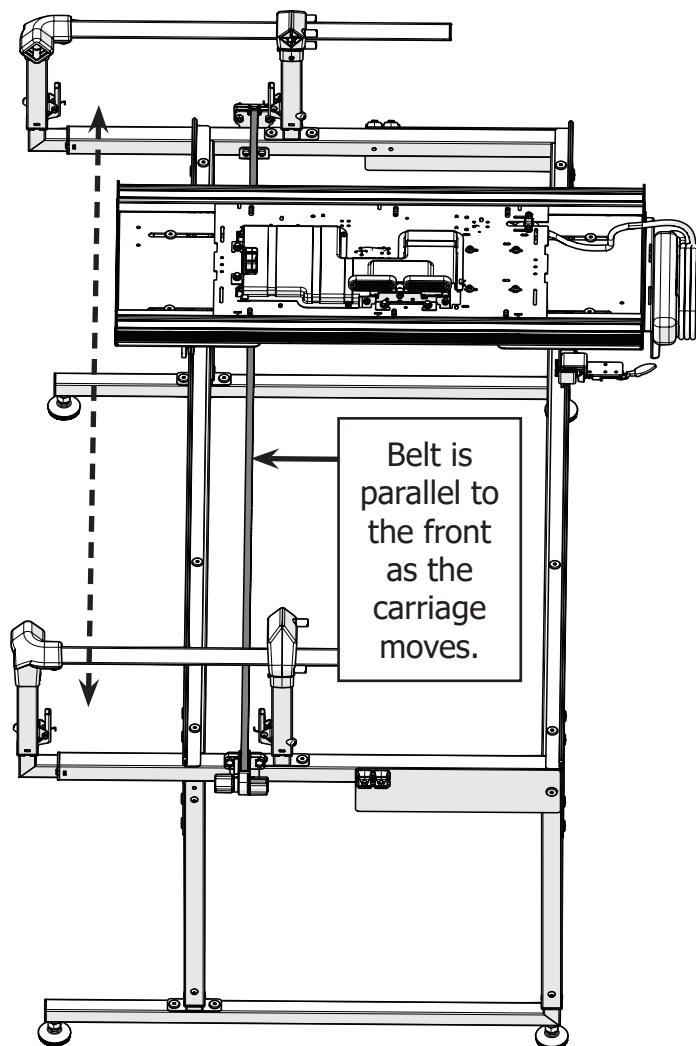
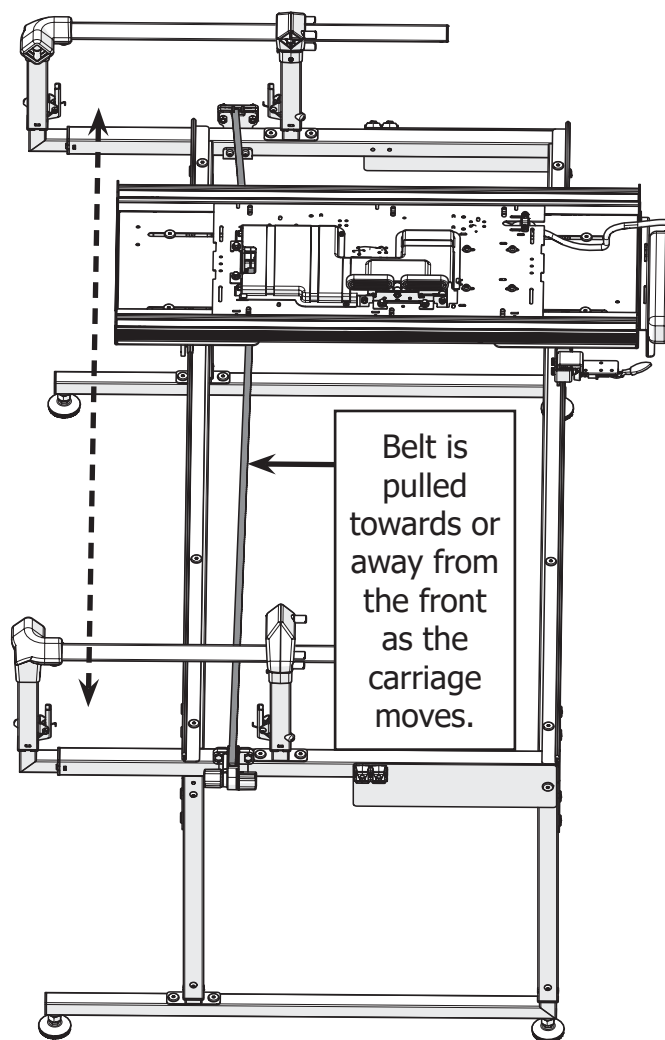
- 11 Clamp the **long belt** to the left side frame belt bracket with the **front** and **back belt clamps**, two **M6 x 20 mm hex bolts**, and two **M6 hex nuts**.



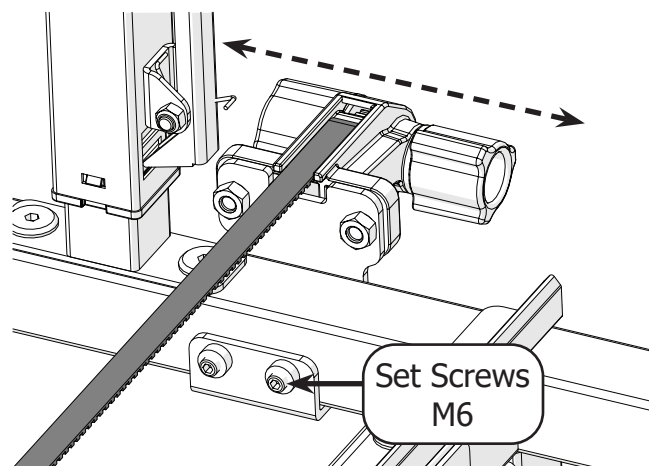
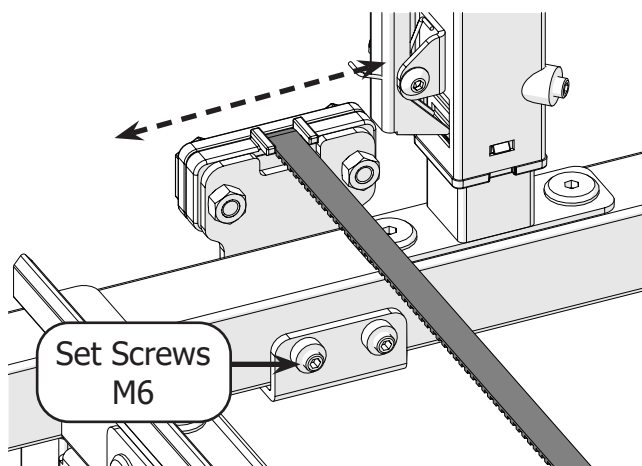
- 12 Feed the other end of the **long belt** into the tensioner on the right side of the frame. Turn the **ratchet knob** to pull the belt tight, and the **locking knob** to lock it in place.



- 13 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 14 If the belt bows, use the 3 mm Allen wrench to loosen the **set screws** holding the belt clamp or tensioner and adjust the tensioner or clamp position. Tighten the set screws down, and repeat step 13 to check for bowing.



Congratulations! You have completed Part One of this manual.

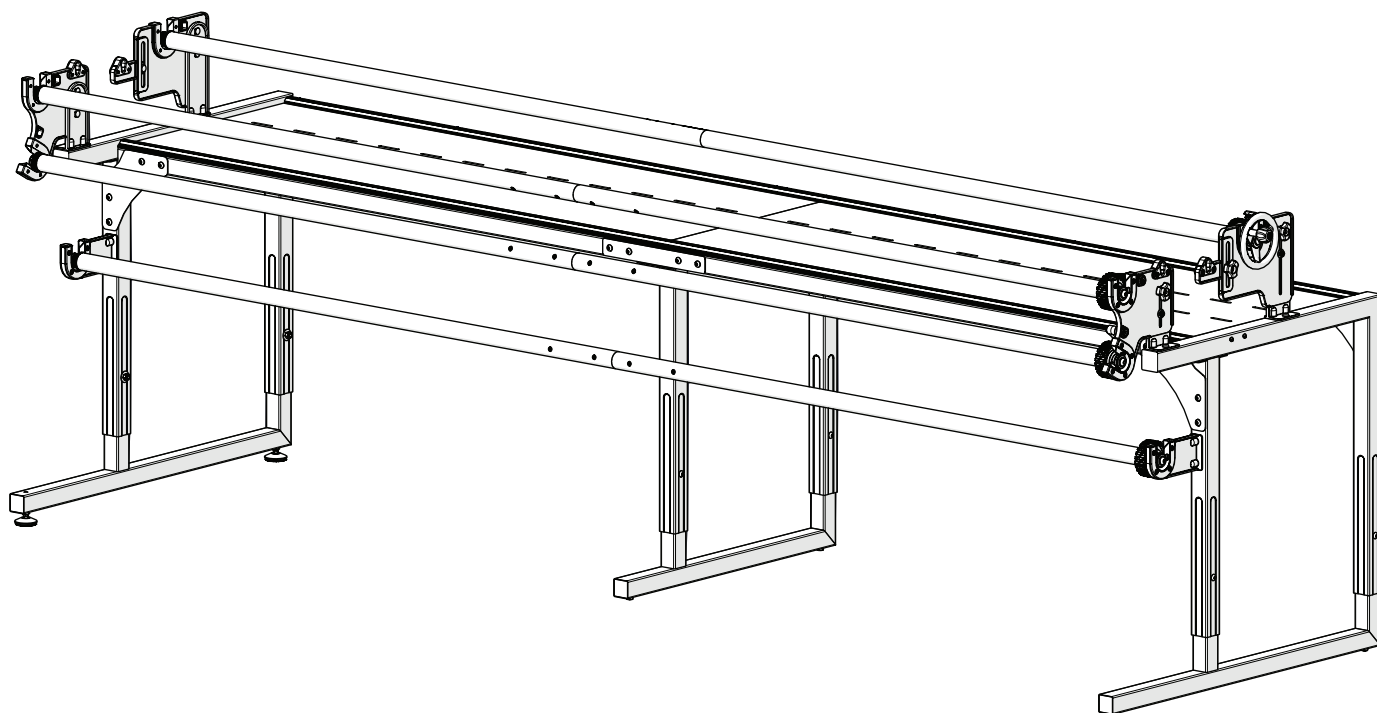
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

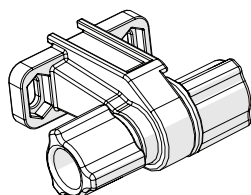
Q'nique Frame



Task 5: Tension the Long Belt

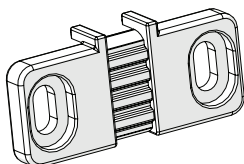
Parts & Tools Needed:

Belt Tensioner



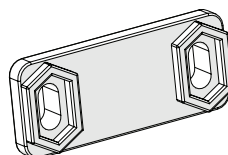
(Box I)

Back Belt Clamp



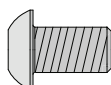
(Box I)

Front Belt Clamp



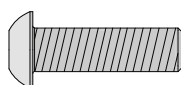
(Box I)

SBHCS
M5 x 10 mm (x2)



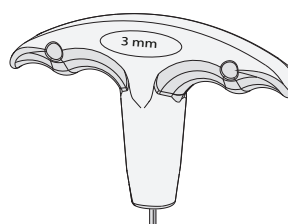
(Box J)

SBHCS
M5 x 20 mm (x2)



(Box J)

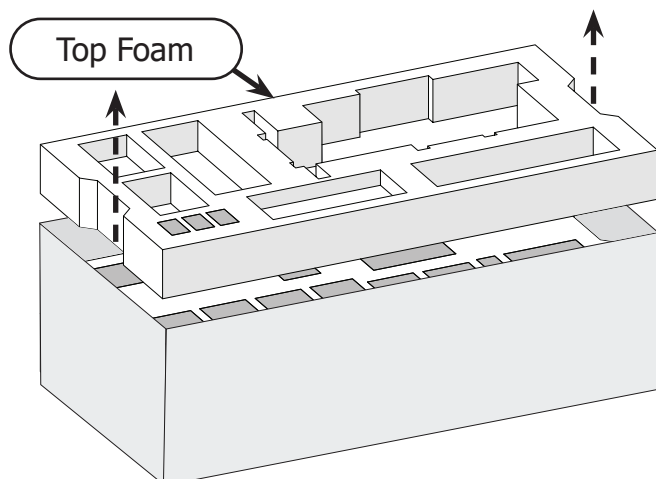
T-Handle Allen
Wrench 3 mm



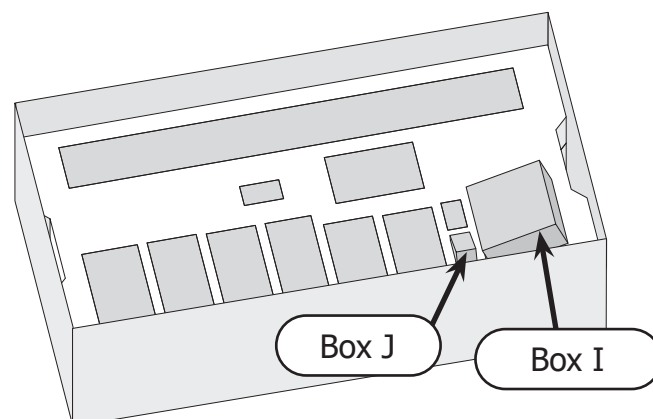
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

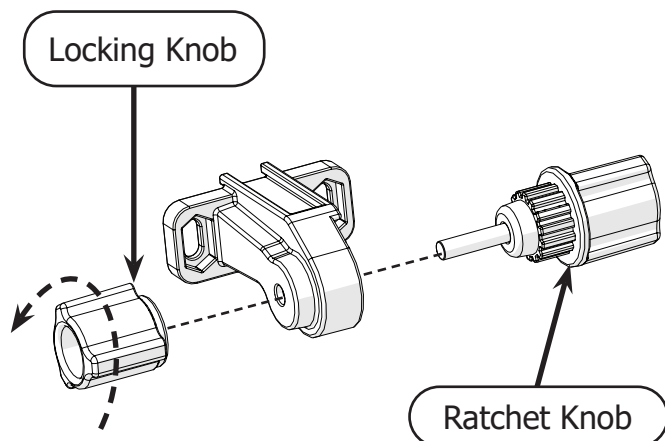
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



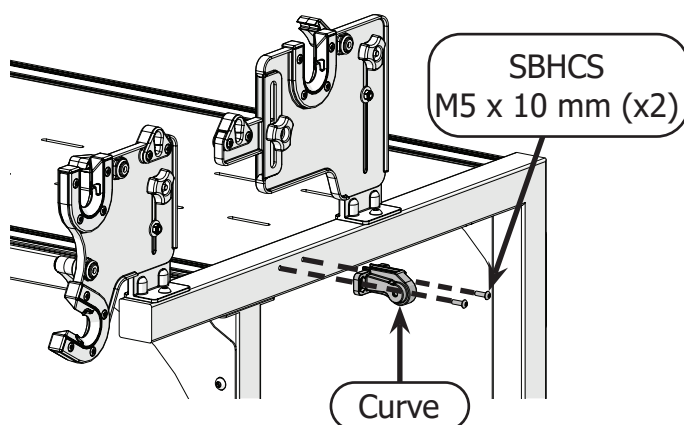
- 2 Remove the required parts from **box I** and **box J**.



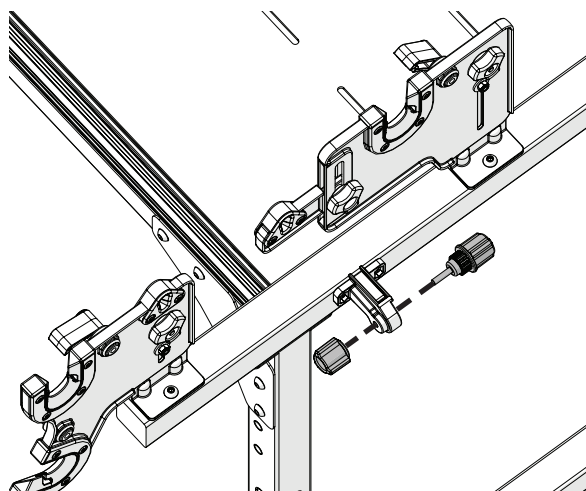
- 3 Turn the **locking knob** of the belt tensioner counter-clockwise to loosen and remove both the locking knob and the **ratchet knob**.



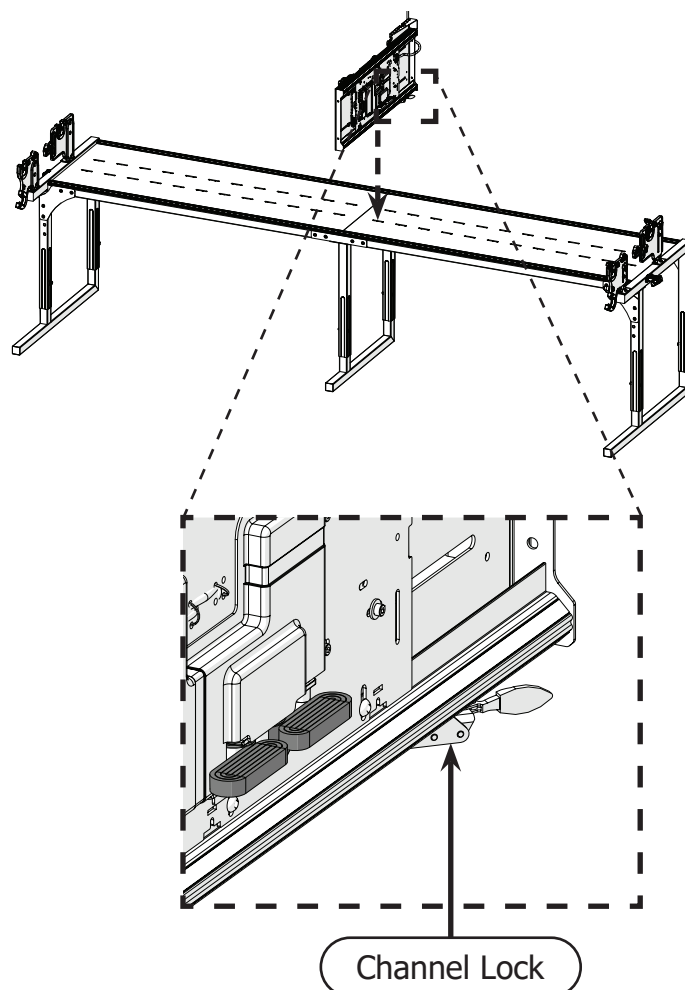
- 4 Attach the tensioner to the right side of the frame so the **curve** points down. Secure with two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench.



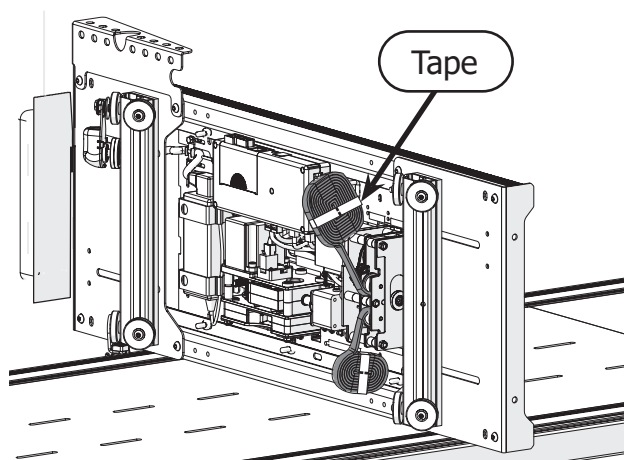
- 5 Screw the ratchet and locking knobs back onto the tensioner.



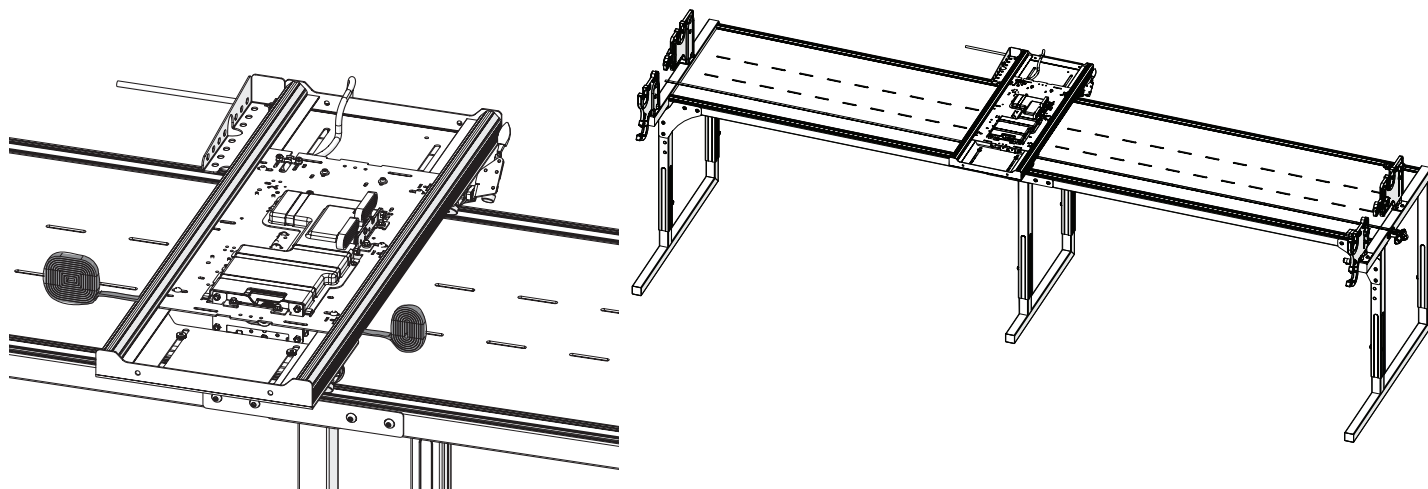
- 6 Place the bottom carriage on its right side so that the **channel lock** is behind the rear track.



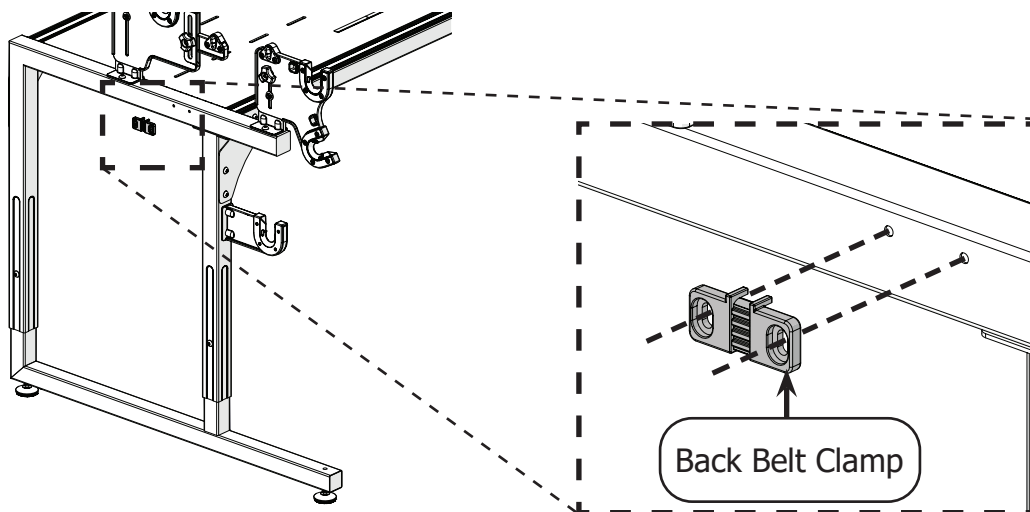
- 7 Cut the **tape** that is holding the long belt coils together and unroll several inches of each end of the belt.



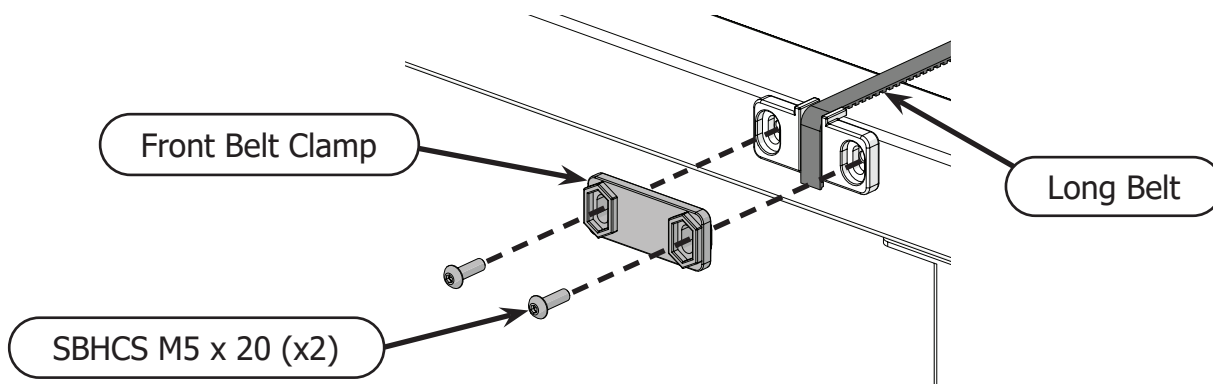
- 8 Lay the carriage flat with the wheels on the tracks and finish unrolling the long belt.



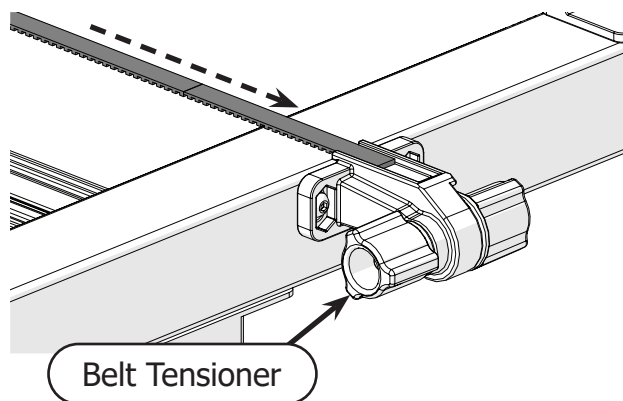
- 9 Place the back belt clamp on the left side of the frame so that the holes align with the holes in the frame.



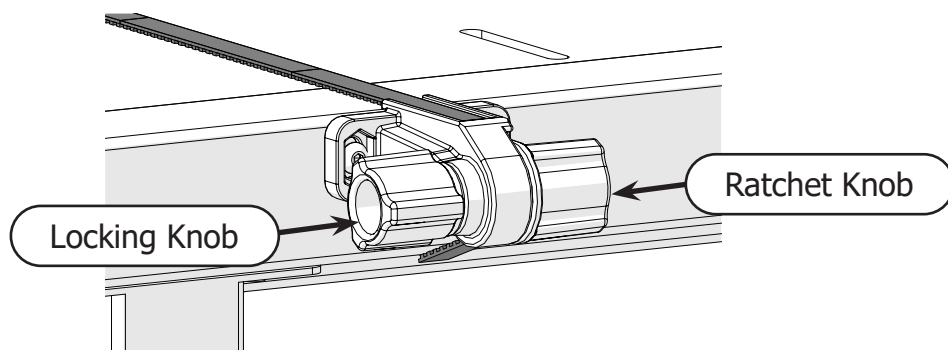
- 10 Drape the long belt over the back belt clamp, making sure the end of the belt goes past the bottom of the clamp. Use two **M5 x 20 mm SBHCS** and the 4 mm Allen wrench to attach the **front belt clamp**.



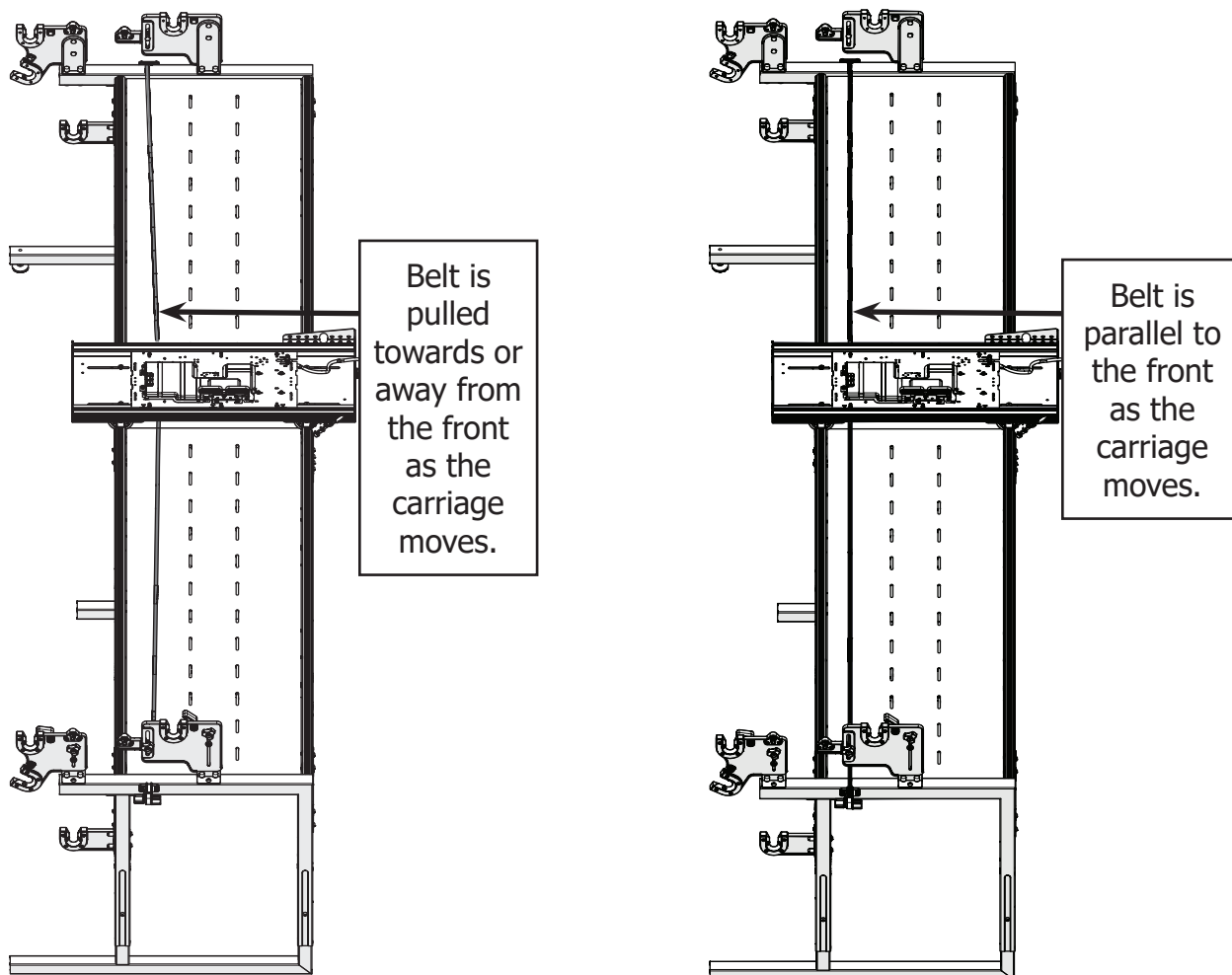
- 11 Feed the other end of the long belt into the top of the **belt tensioner** on the right side of the frame.



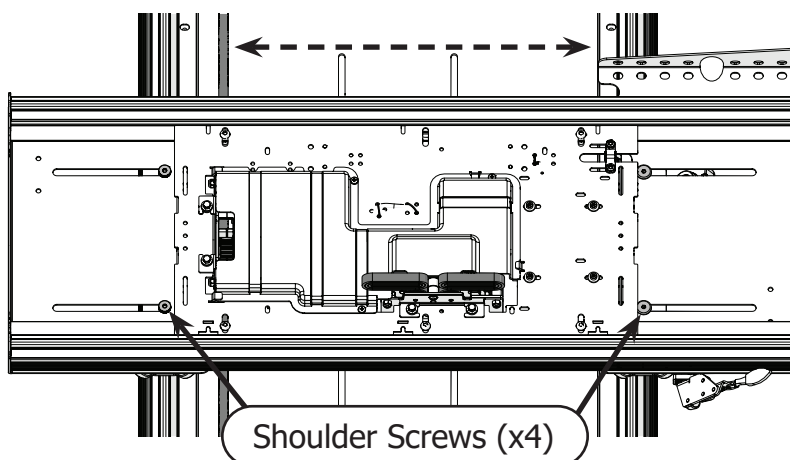
- 12 Turn the ratchet knob to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the locking knob to lock it in place.



- 13 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 14 If the belt is bowing, use the 4 mm Allen wrench to loosen the **shoulder screws** that attach the wheel bases to the carriage. Adjust the carriage on the wheel bases until the belt is straight and then re-tighten the shoulder screws.



Congratulations! You have completed Part One of this manual.

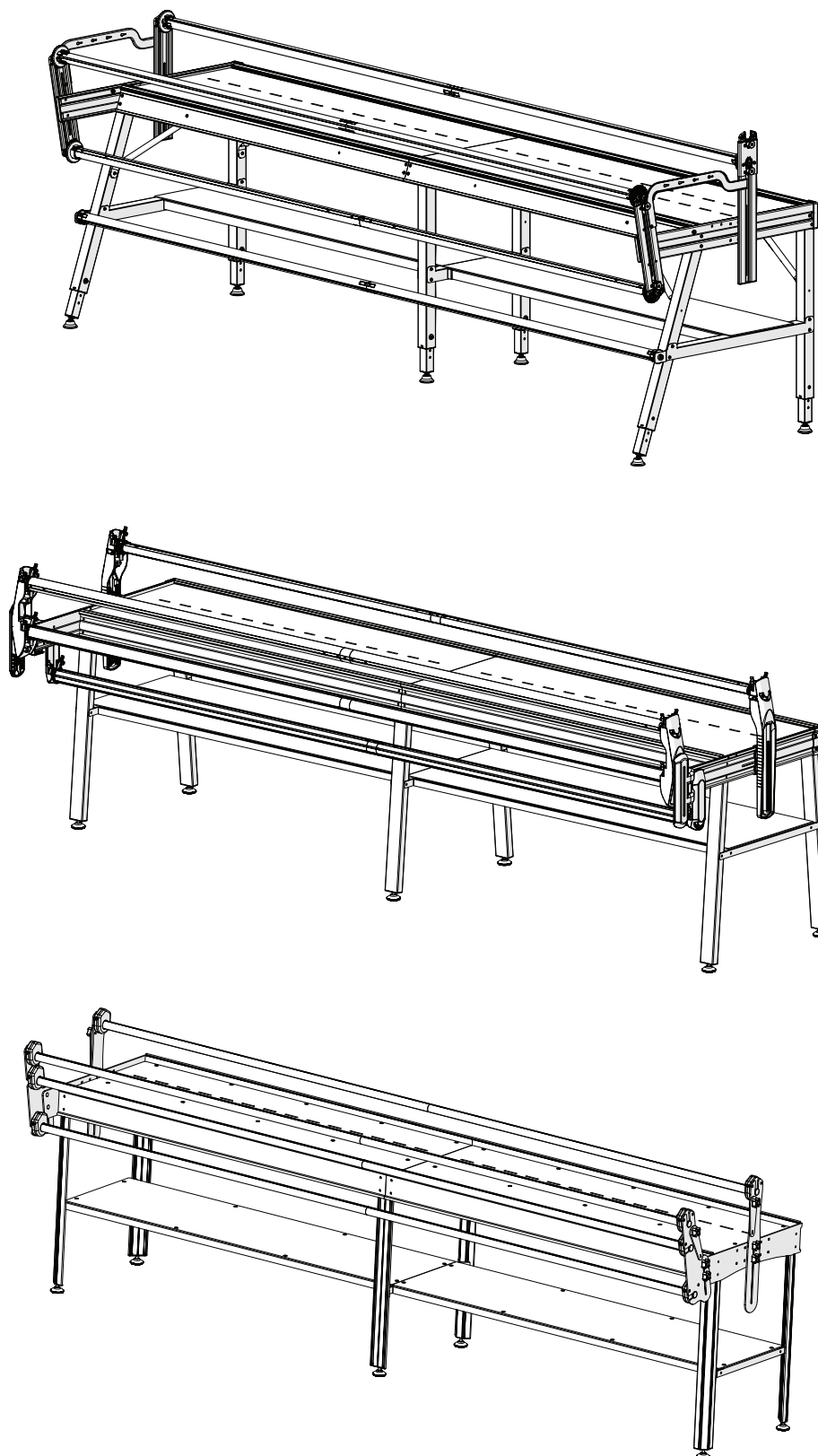
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

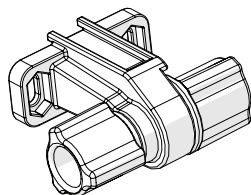
GQ, Pinnacle, & Next Generation Frames



Task 5: Tension the Long Belt

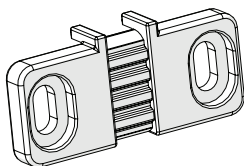
Parts & Tools Needed:

Belt Tensioner



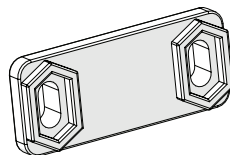
(Box I)

Back Belt Clamp



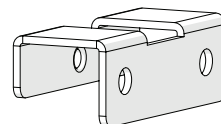
(Box I)

Front Belt Clamp



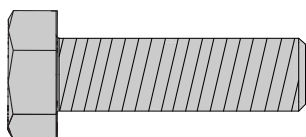
(Box I)

NG QM Belt Bracket



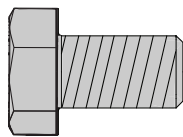
(Box M)

Hex Bolt
M6 x 20 mm (x2)



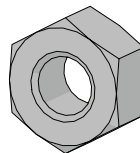
(Box M)

Hex Bolt
M6 x 10 mm (x2)



(Box M)

Hex Nut M6 (x2)



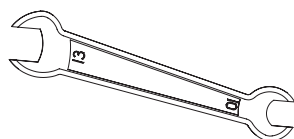
(Box M)

L-Shaped Allen
Wrench 3 mm



(Box G)

Open-end Wrench
10 mm & 13 mm

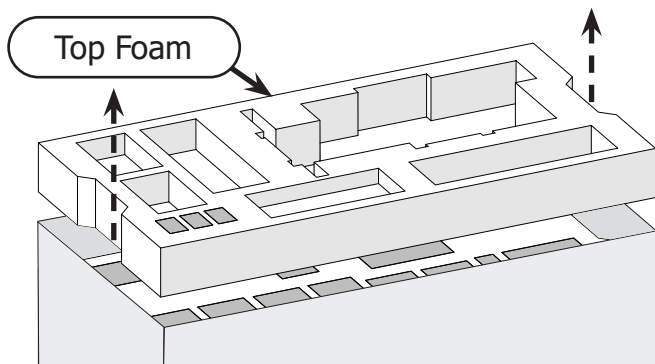


Note: All three frames use the same parts and follow the same instructions. The images in this task show the GQ Frame.

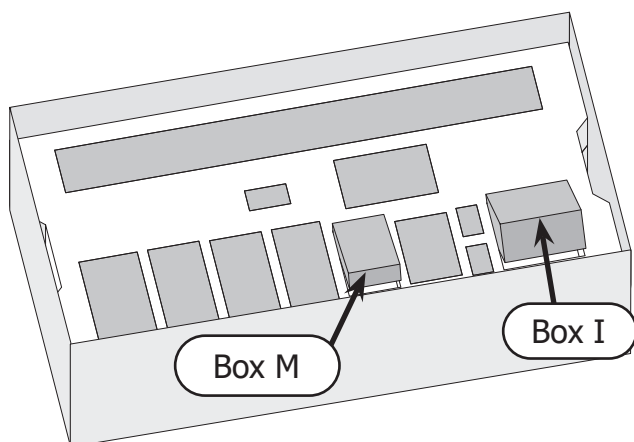
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

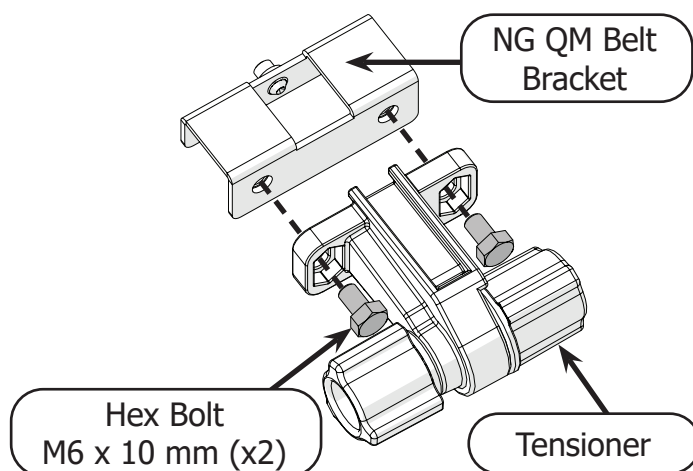
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



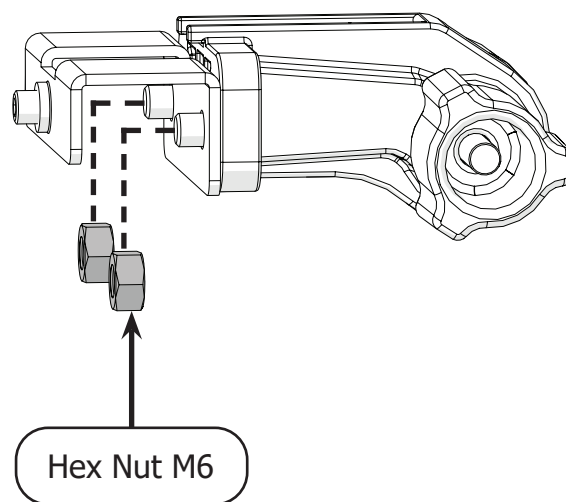
- 2 Find the required parts and tools for this step in **boxes M** and **I**.



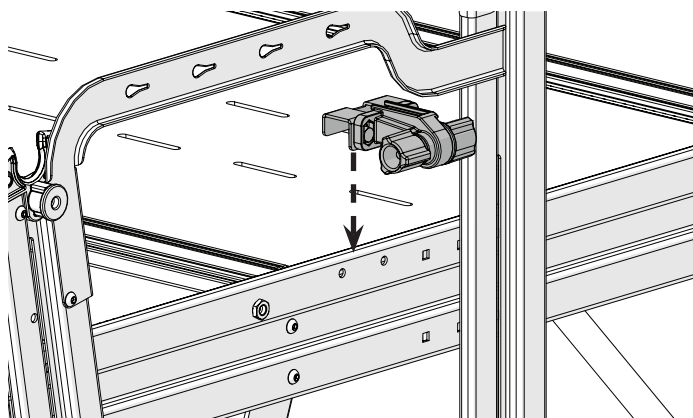
- 3 Use the two **M6 x 10 mm hex bolts** to attach the **tensioner** to the **NG QM belt bracket**.



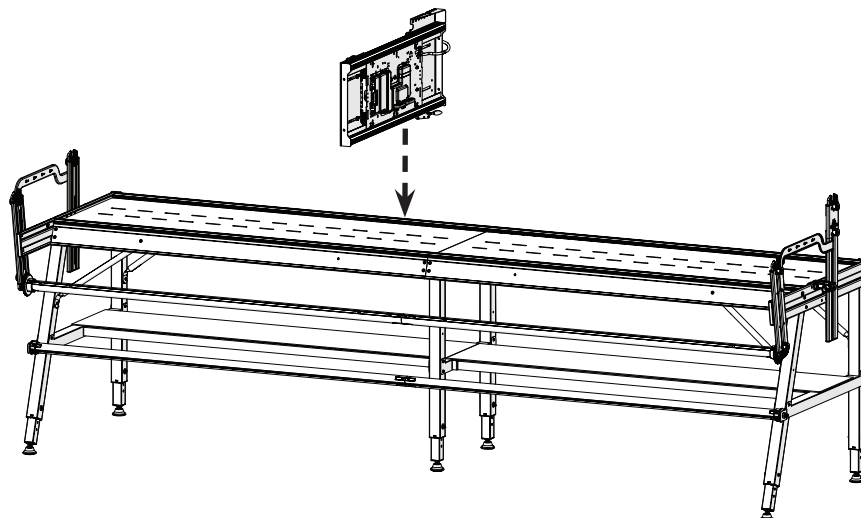
- 4 Use the two **M6 hex nuts** and the 10 mm open-end wrench to tighten the tensioner to the bracket.



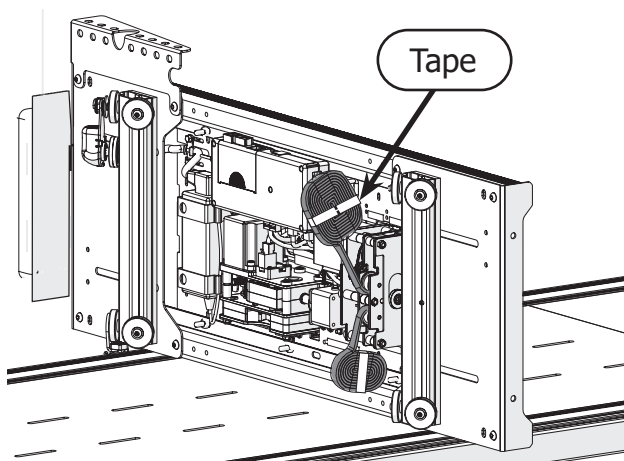
- 5 Place the bracket on the right side of the frame near the front. Do not tighten in place at this time.



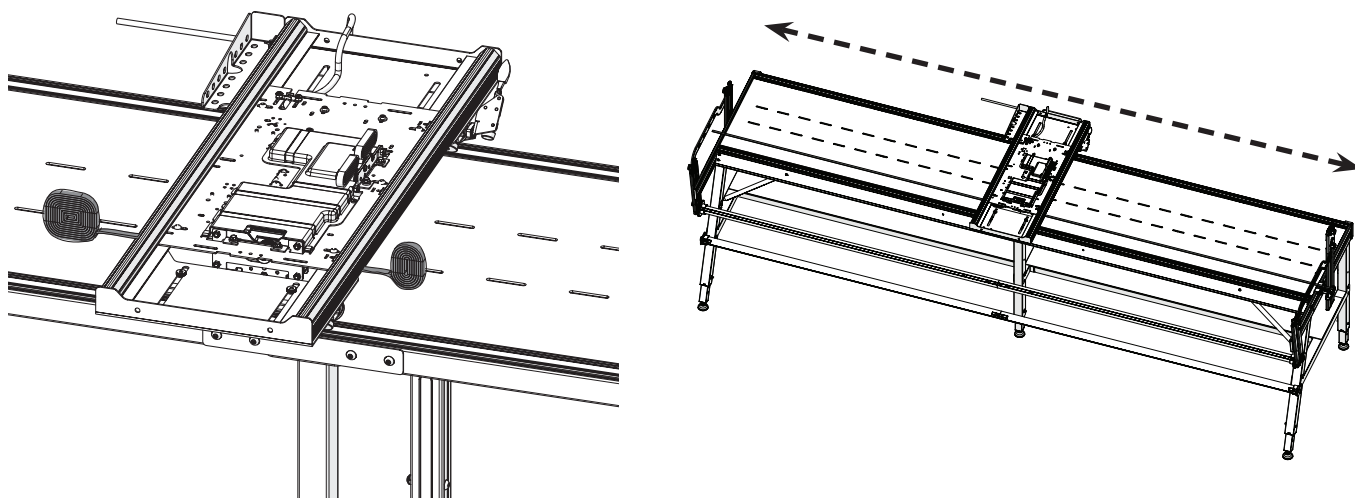
- 6 Place the bottom carriage on its right side so that the **channel lock** is behind the rear track.



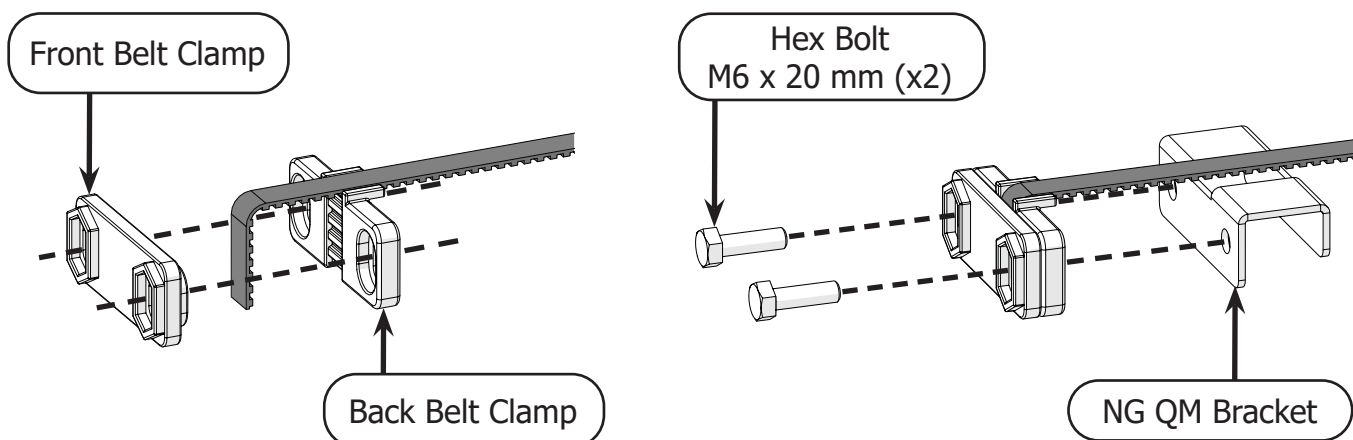
- 7 Cut the **tape** that is holding the long belt coils together and unroll several inches of each end of the belt.



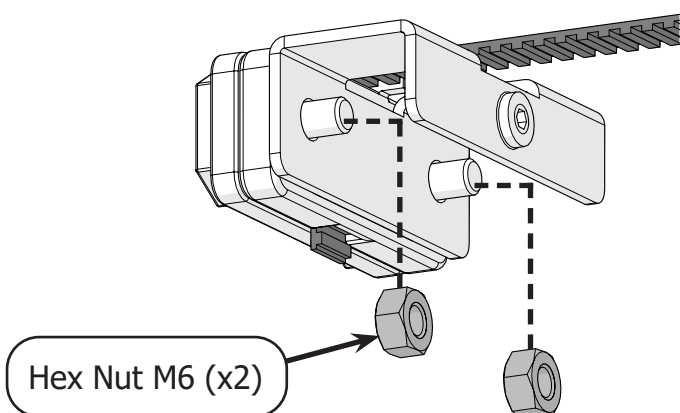
- 8 Lay the carriage flat with the wheels on the tracks and finish unrolling the long belt.



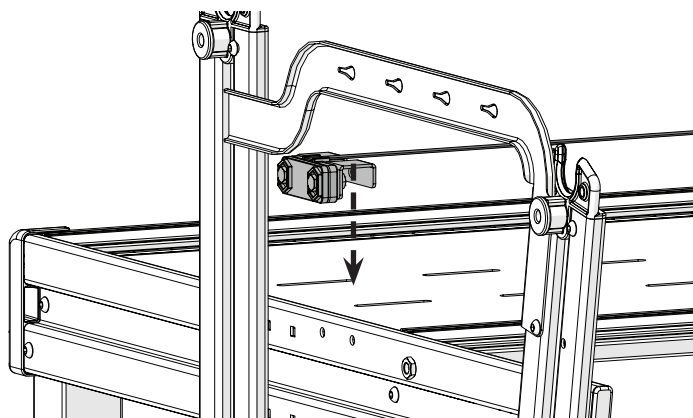
- 9 Place the left end of the long belt in between the **front and back belt clamps**. Connect the clamp and belt to the **NG QM bracket** using the two **M6 x 20 mm hex bolts**.



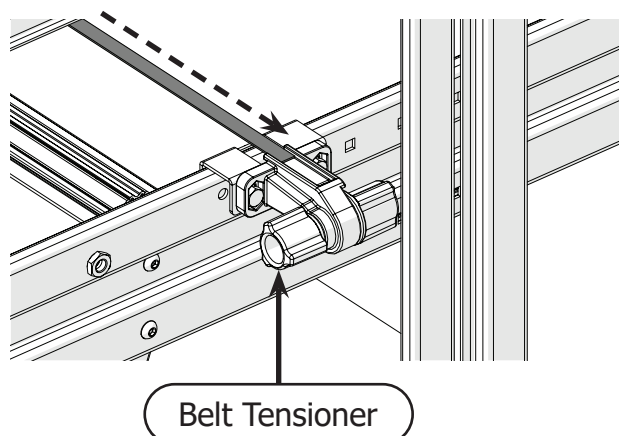
- 10 Use the two **M6 hex nuts** and the 10 mm open-end wrench to tighten the clamp to the bracket.



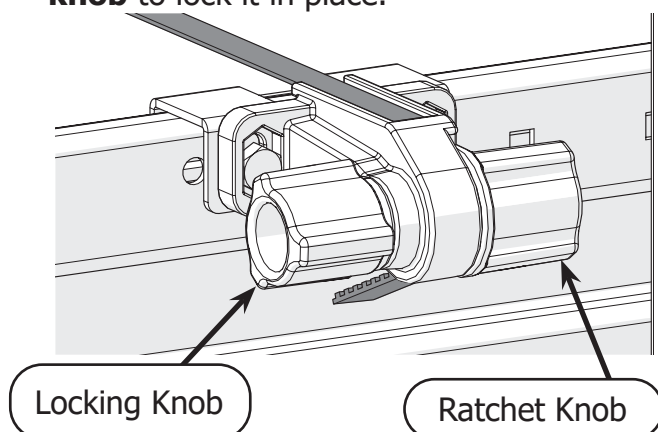
- 11 Place the bracket on the left side of the frame near the front. Do not tighten in place at this time.



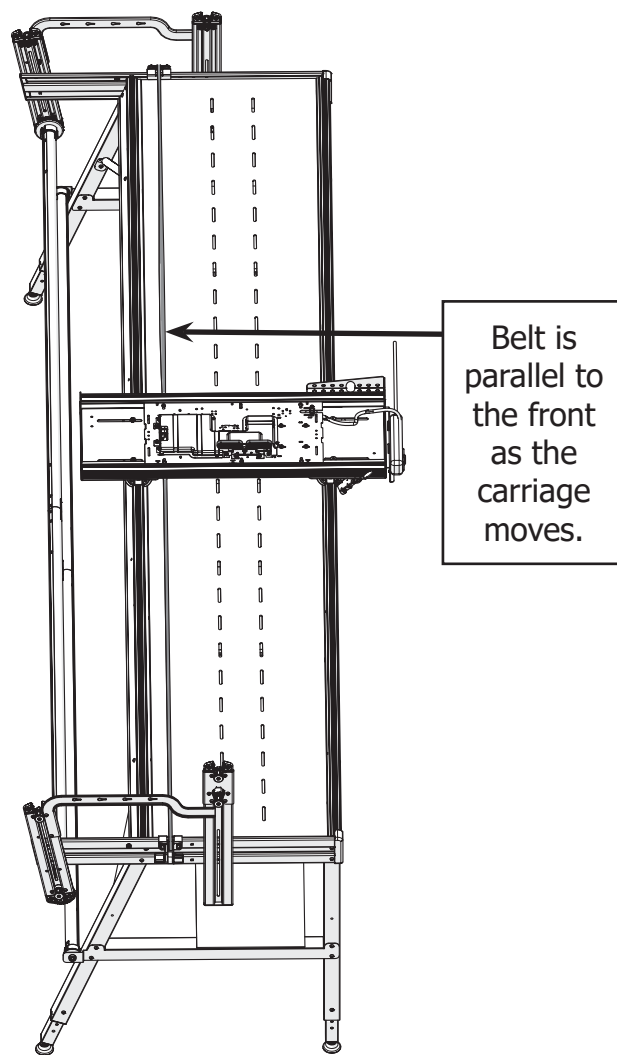
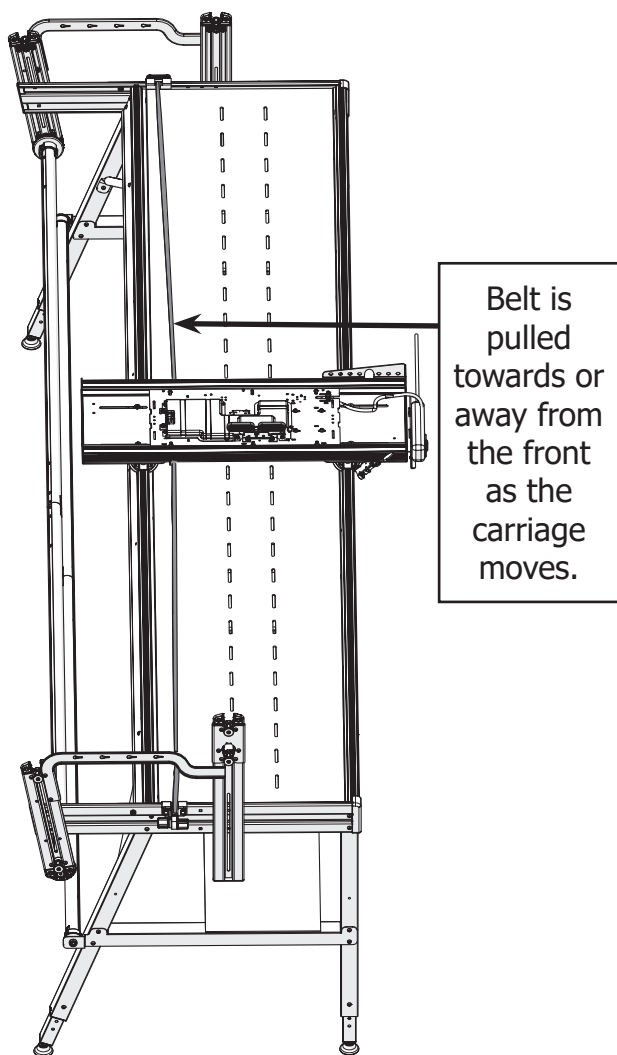
- 12 Feed the other end of the long belt into the top of the **belt tensioner** on the right side of the frame.



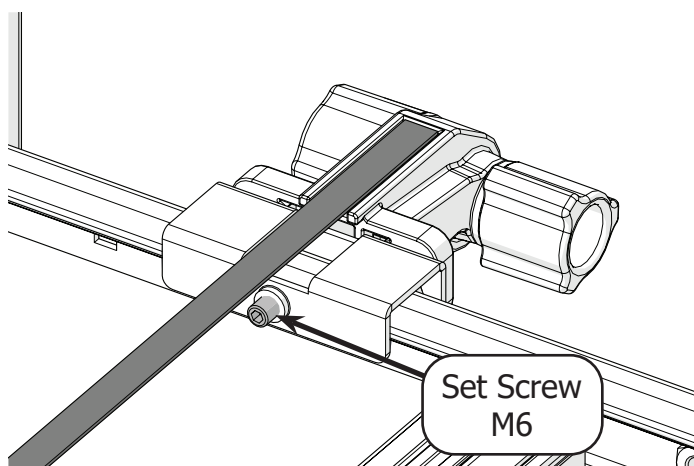
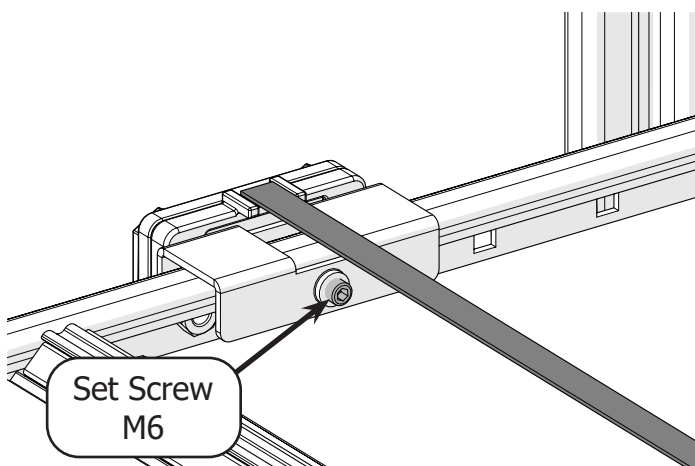
- 13 Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the **locking knob** to lock it in place.



- 14 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 15 If there is bowing, reposition the brackets until the carriage can slide across the frame without bowing the belt. When the belt is aligned, tighten the **M6 set screws** in the brackets to hold them in place.



Congratulations! You have completed Part One of this manual.

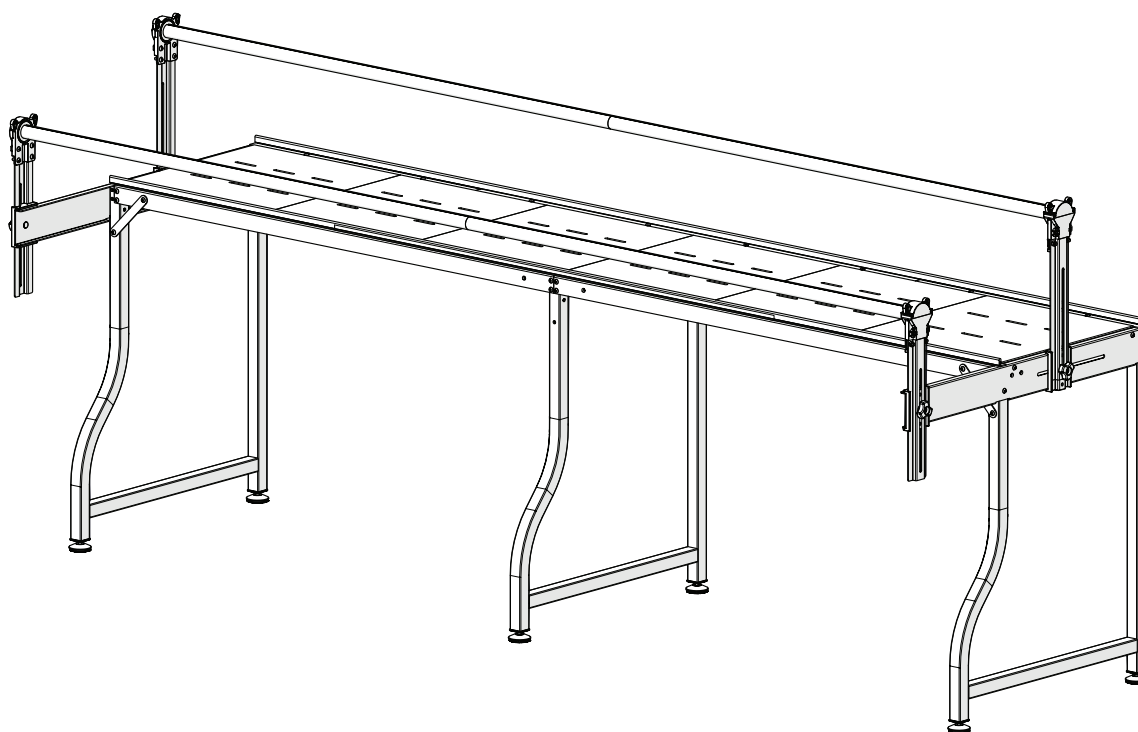
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
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If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

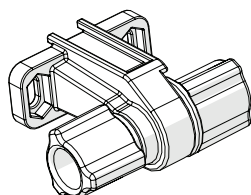
SR2 Frame



Task 5: Tension the Long Belt

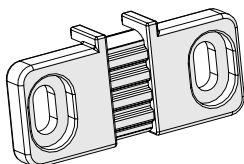
Parts & Tools Needed:

Belt Tensioner



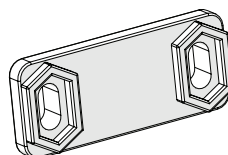
(Box I)

Back Belt Clamp



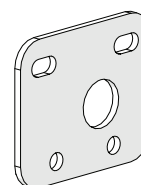
(Box I)

Front Belt Clamp



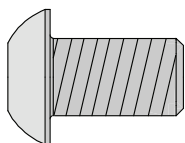
(Box I)

SR2+ QM Belt Bracket



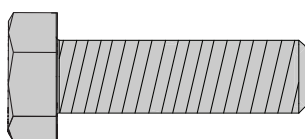
(Box P)

SBHCS
M6 x 10 mm (x4)



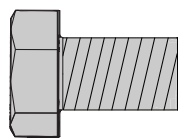
(Bag P)

Hex Bolt
M6 x 20 mm (x2)



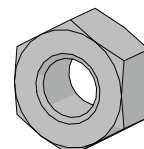
(Box P)

Hex Bolt
M6 x 10 mm (x2)



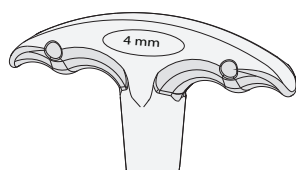
(Box P)

Hex Nut M6 (x2)

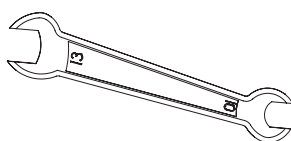


(Box P)

T- Handle
Allen Wrench 4 mm



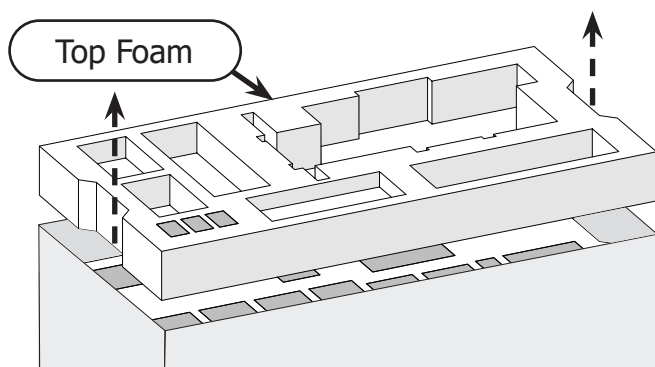
Open-end Wrench
10 mm & 13 mm



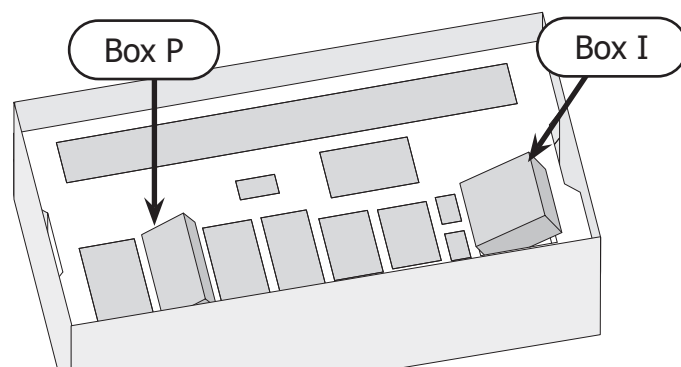
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

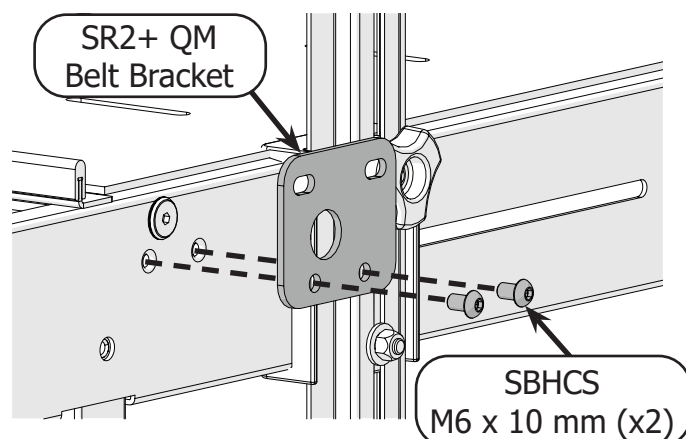
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



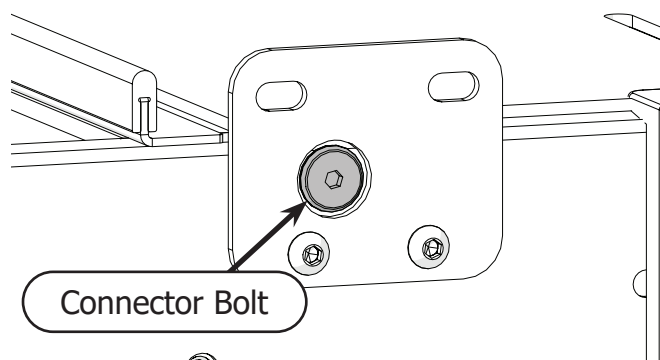
- 2 Remove the parts needed from **box I** and **box P**.



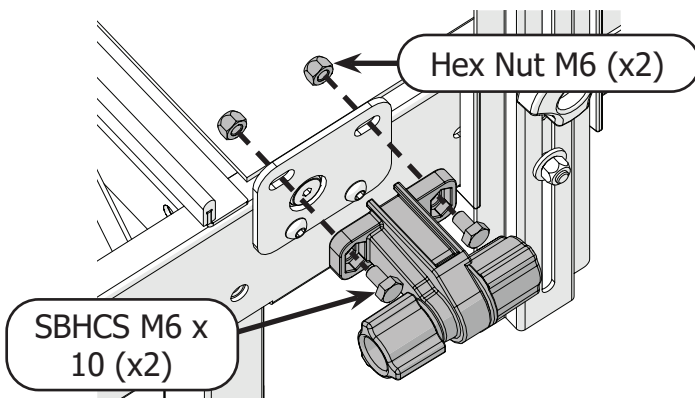
- 3 Use two **M6 x 10 mm SBHCS** and the 4 mm Allen wrench to attach the **SR2+ QM Belt Bracket** to the right side of the frame. Use the small holes on the bottom of the bracket



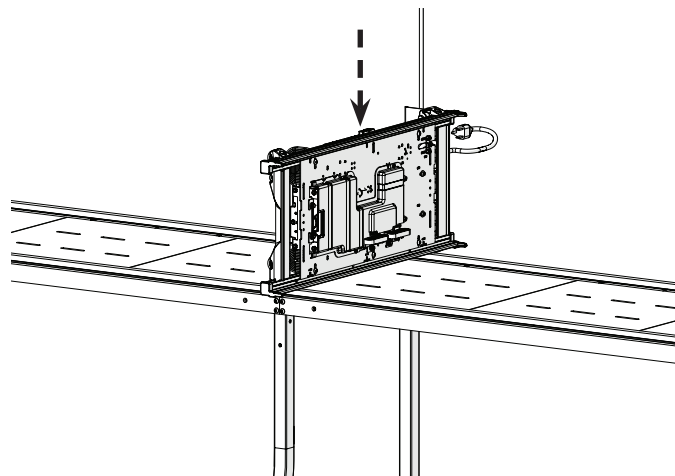
Note: Make sure large hole in the bracket goes over the **connector bolt** on the side of the frame.



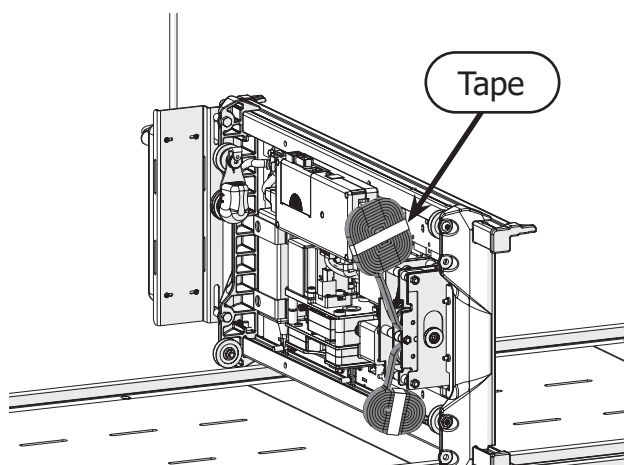
- 4 Use the two **M6 x 10 mm hex bolts** and two **M6 hex nuts** to attach the tensioner to the larger holes in the SR2+ QM belt bracket. Tighten with the 10 mm open-end wrench.



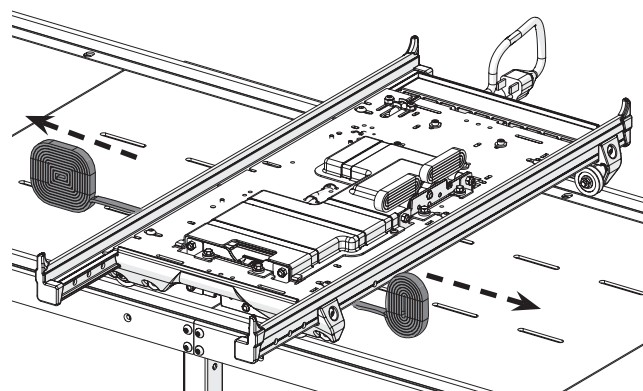
- 5 Place the bottom carriage on its right side on the frame. Do not align with the wheels with the tracks at this time.



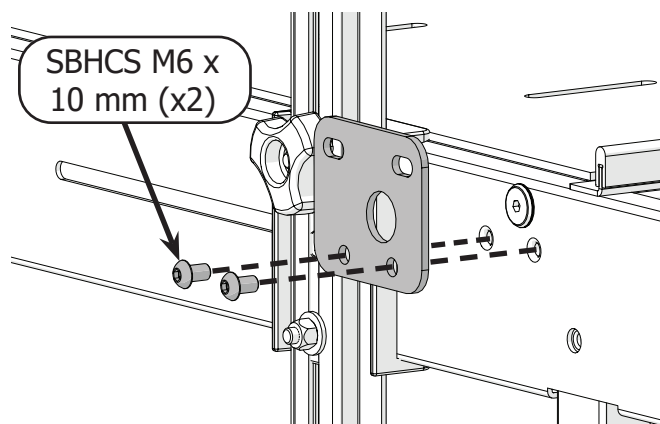
- 6 Cut the **tape** that is holding the long belt coils together and unroll several inches of each end of the belt.



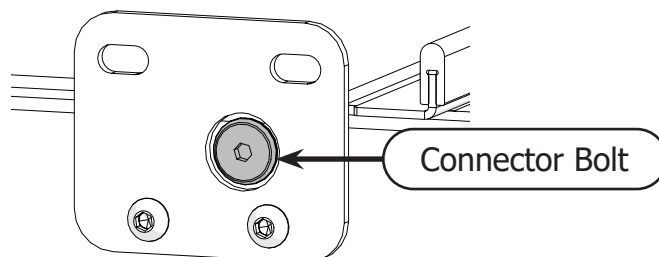
- 7 Lay the carriage flat with the wheels on the tracks and finish unrolling the long belt.



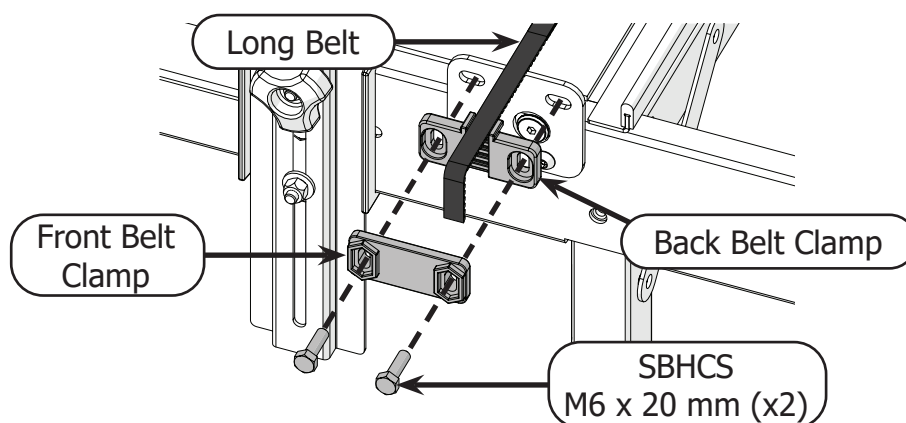
- 8 Attach the other SR2+ QM Belt Bracket to the left side of the frame using the other two **M6 x 10 mm SBHCS** and the 4 mm Allen wrench. Use the smaller holes in the bracket.



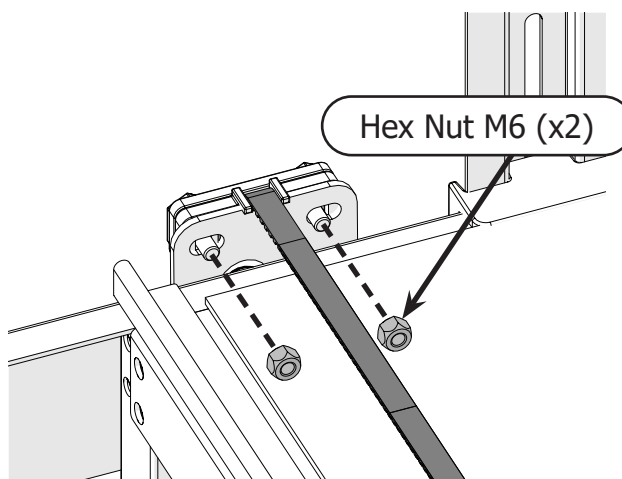
Note: Make sure large hole in the bracket goes over the **connector bolt** on the side of the frame.



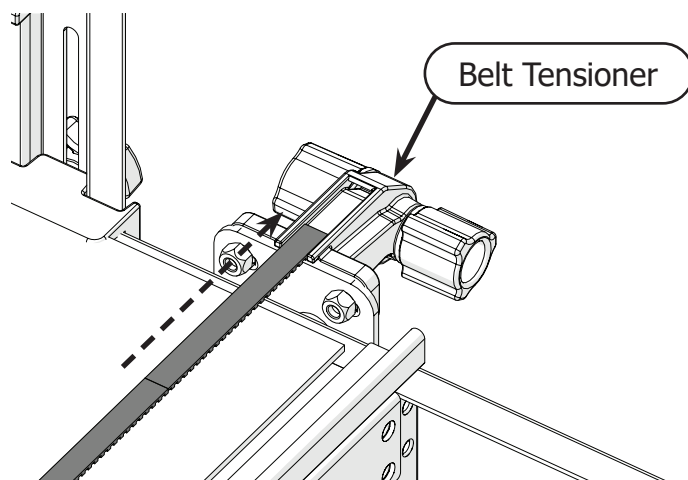
- 9 Use the two **M6 x 20 mm SBHCS** to attach the **front belt clamp**, **long belt**, and **back belt clamp** to the bracket.



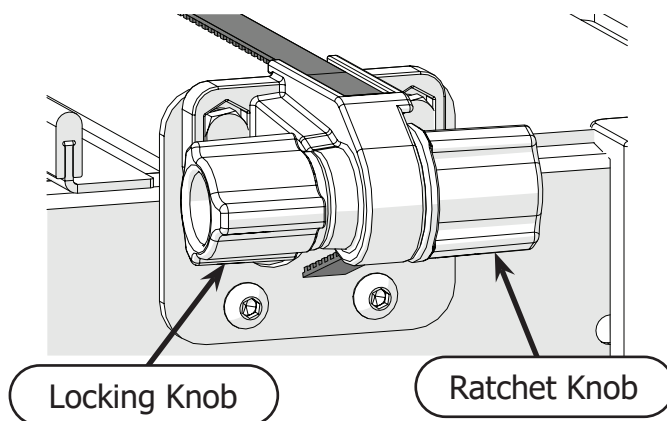
- 10 Secure the clamp in place using two **M6 hex nuts** and the 10 mm open-end wrench.



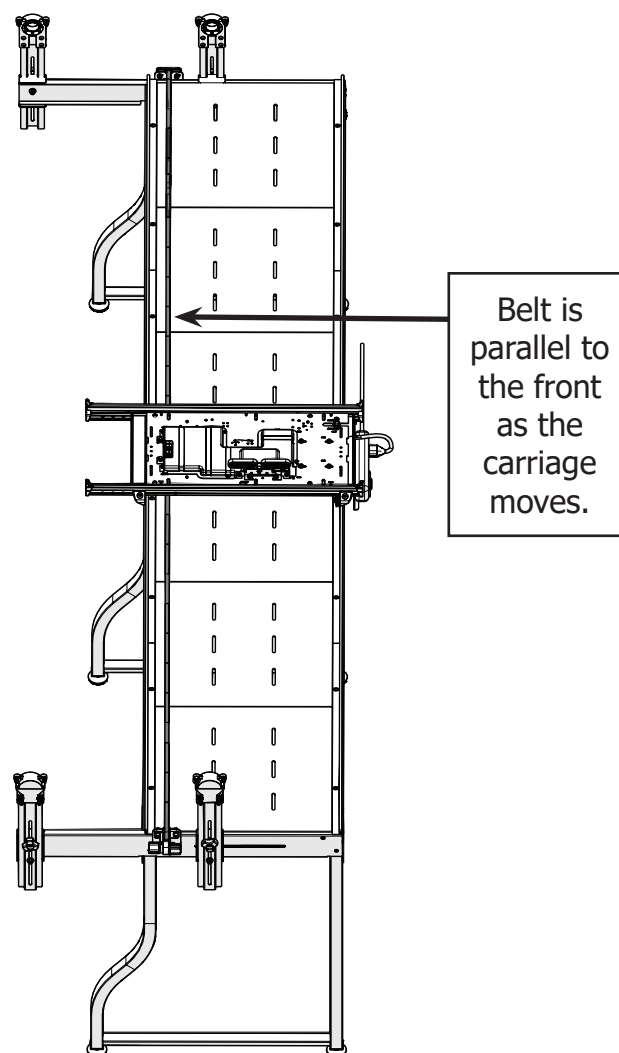
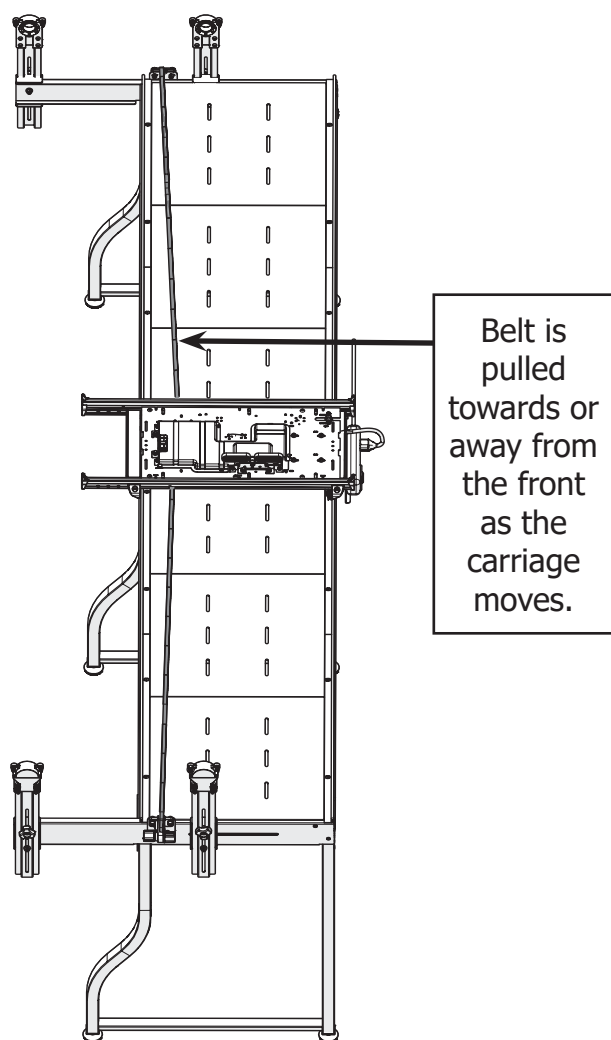
- 11 Feed the other end of the long belt into the top of the **belt tensioner** on the right side of the frame.



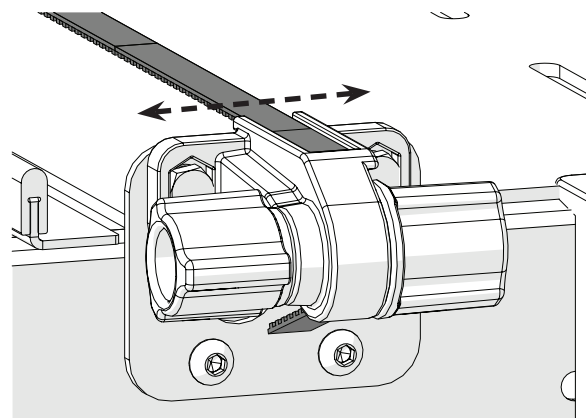
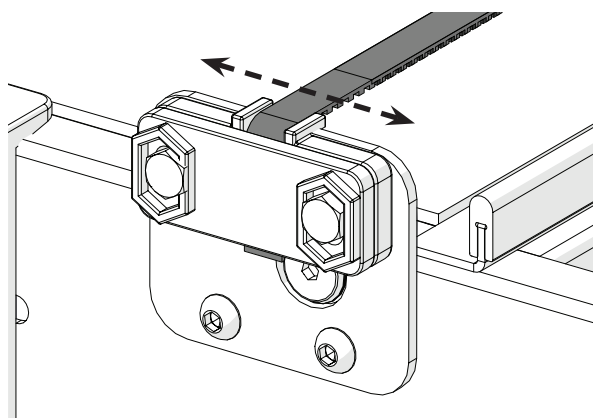
- 12 Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the **locking knob** to lock it in place.



- 13 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 14 If the belt is bowing, use the 10 mm open-end wrench to loosen the bolts that attach the clamp and tensioner to the brackets. Adjust the clamp and tensioner on the bracket until the belt is straight and then re tighten the bolts.



Congratulations! You have completed Part One of this manual.

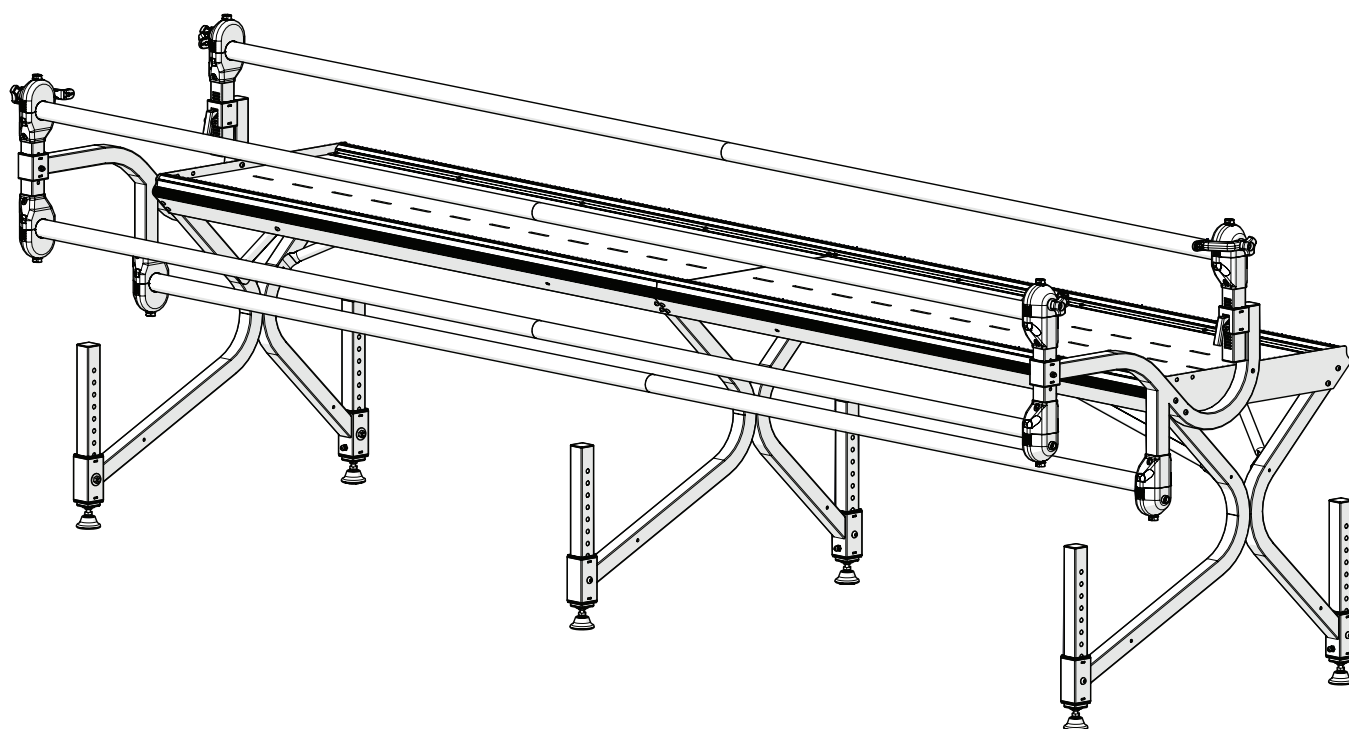
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

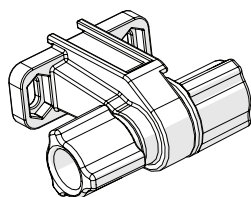
Bernina Frame



Task 5: Tension the Long Belt

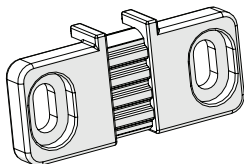
Parts & Tools Needed:

Belt Tensioner



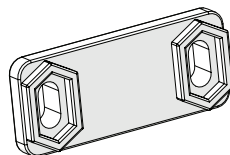
(Box I)

Back Belt Clamp



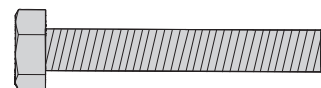
(Box I)

Front Belt Clamp



(Box I)

Hex Bolt
M6 x 40 mm (x2)



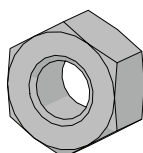
(Box K)

Hex Bolt
M6 x 30 mm (x2)



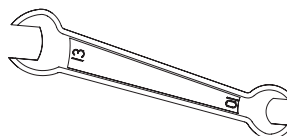
(Box K)

Hex Nut M6 (x2)

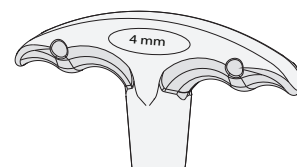


(Box K)

Open-end Wrench
10 mm & 13 mm



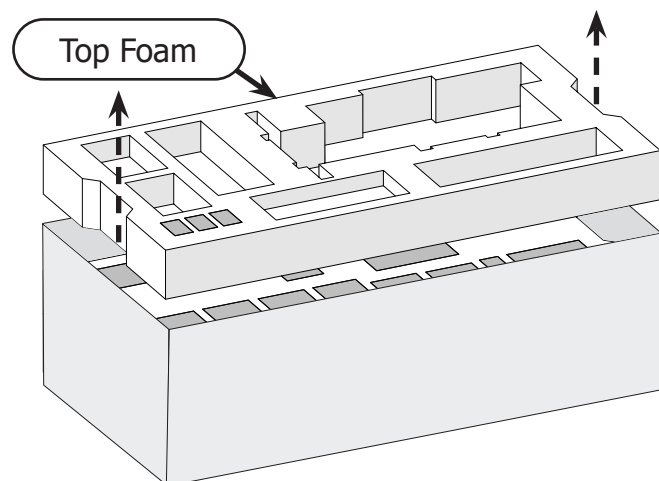
T- Handle
Allen Wrench 4 mm



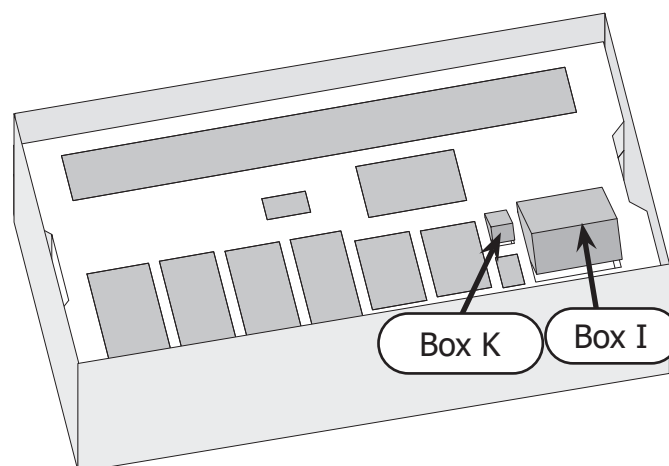
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

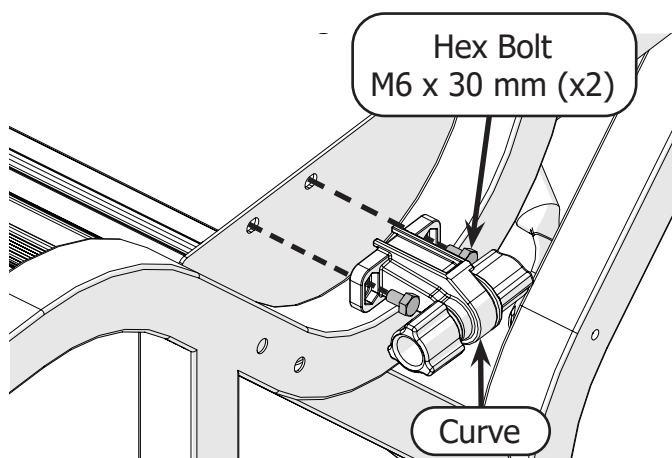
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



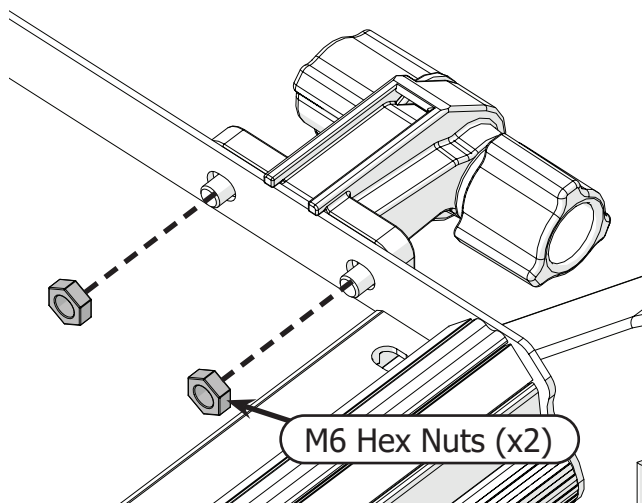
- 2 Remove the required parts from **box I** and **box K**.



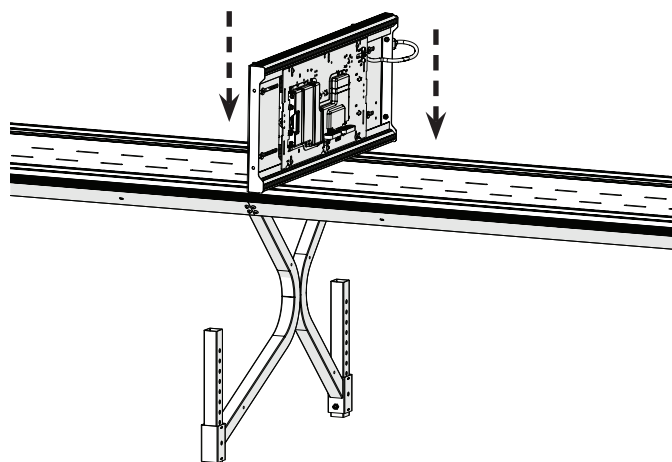
- 3 Place the tensioner on the right side of the frame so the **curve** points down. Attach with the two **M6 x 30 mm hex bolts**.



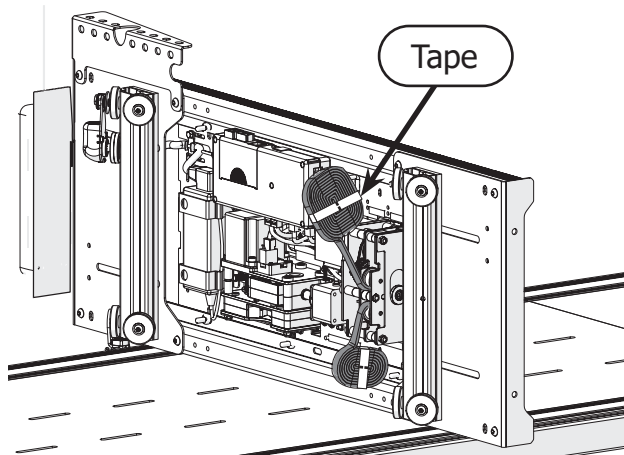
- 4 Use two **M6 hex nuts** and the 10 mm open-end wrench to fasten the tensioner in place.



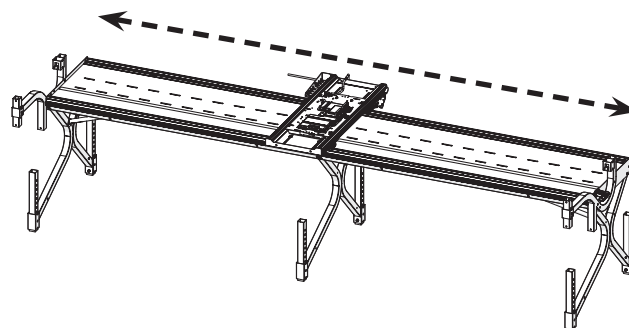
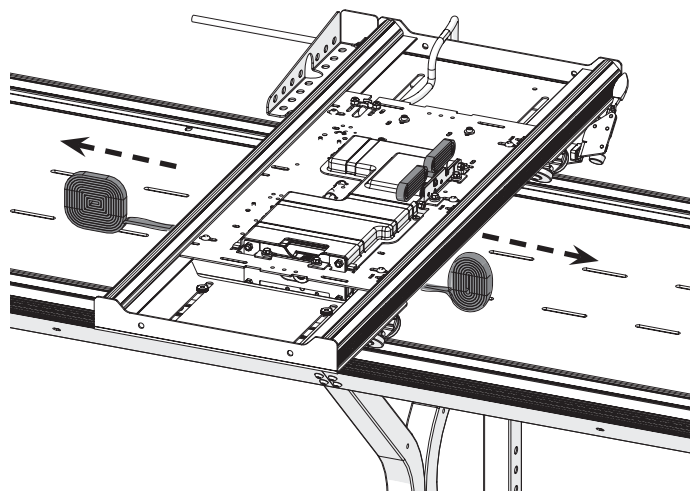
- 5 Place the bottom carriage on its right side on the frame. Do not align with the wheels with the tracks at this time.



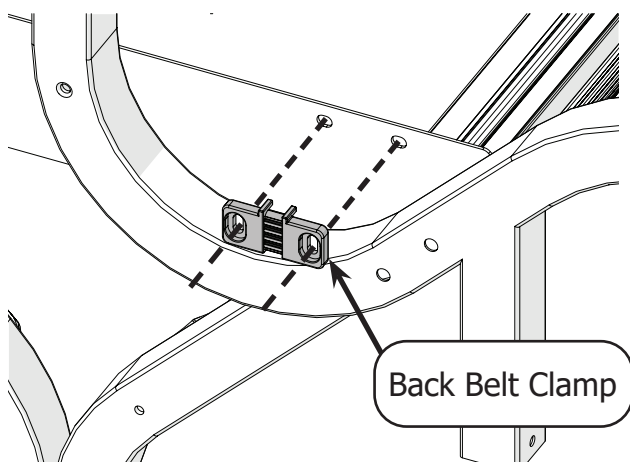
- 6 Cut the **tape** that is holding the long belt coils together and unroll several inches of each end of the belt.



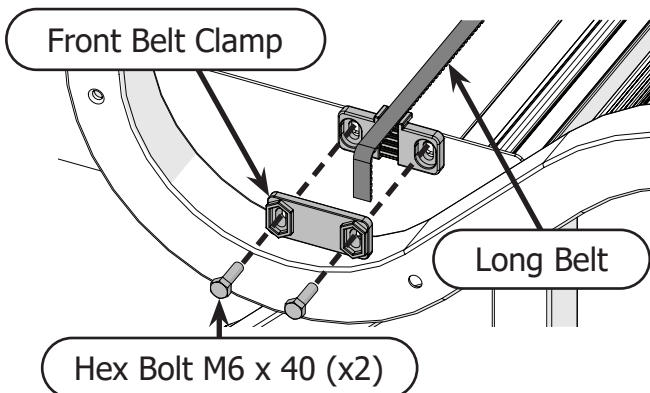
- 7 Lay the carriage flat with the wheels on the tracks and finish unrolling the long belt.



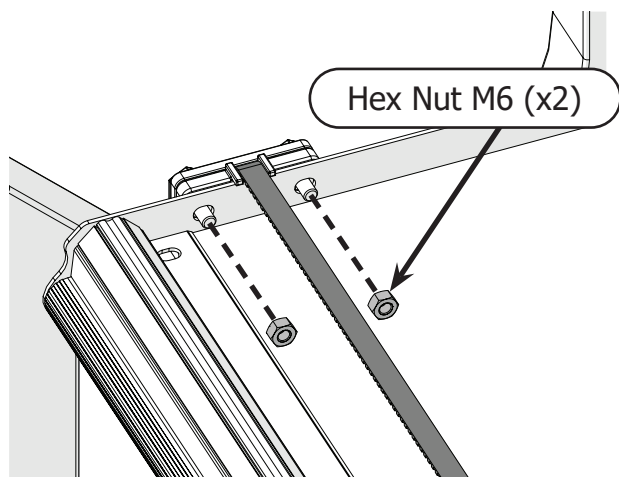
- 8 Place the back belt clamp on the left side of the frame so that the holes align with the holes in the frame.



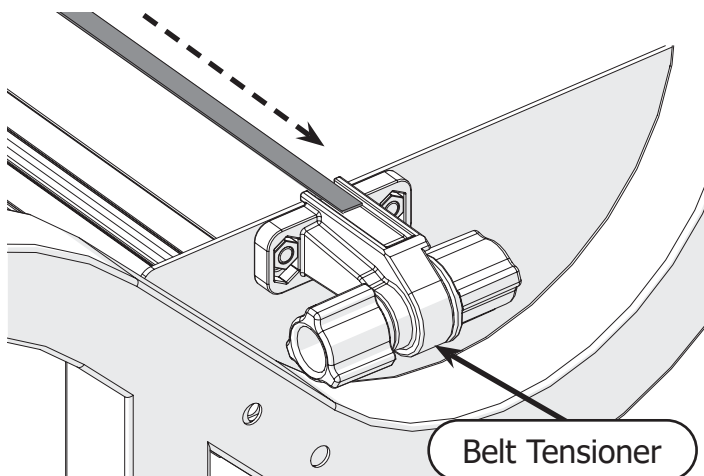
- 9 Drape the **long belt** over the back belt clamp past the bottom of the clamp. Use two **M6 x 40 mm Hex Bolts** to attach the **front belt clamp**.



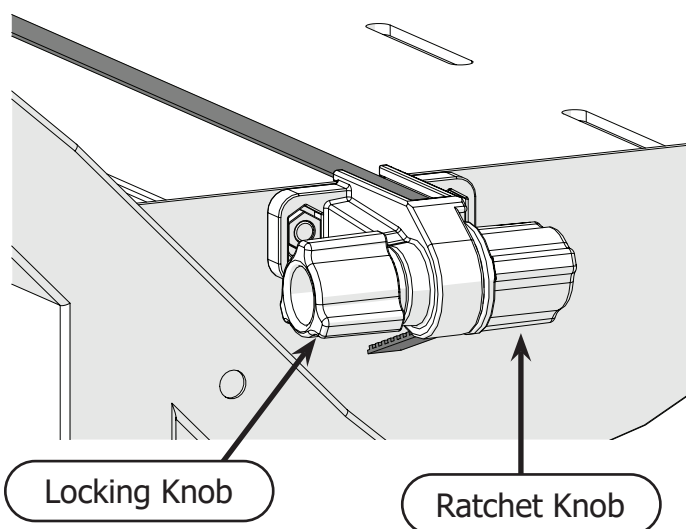
- 10 Fasten the clamp in place using two **M6 hex nuts** and the 10 mm open-end wrench.



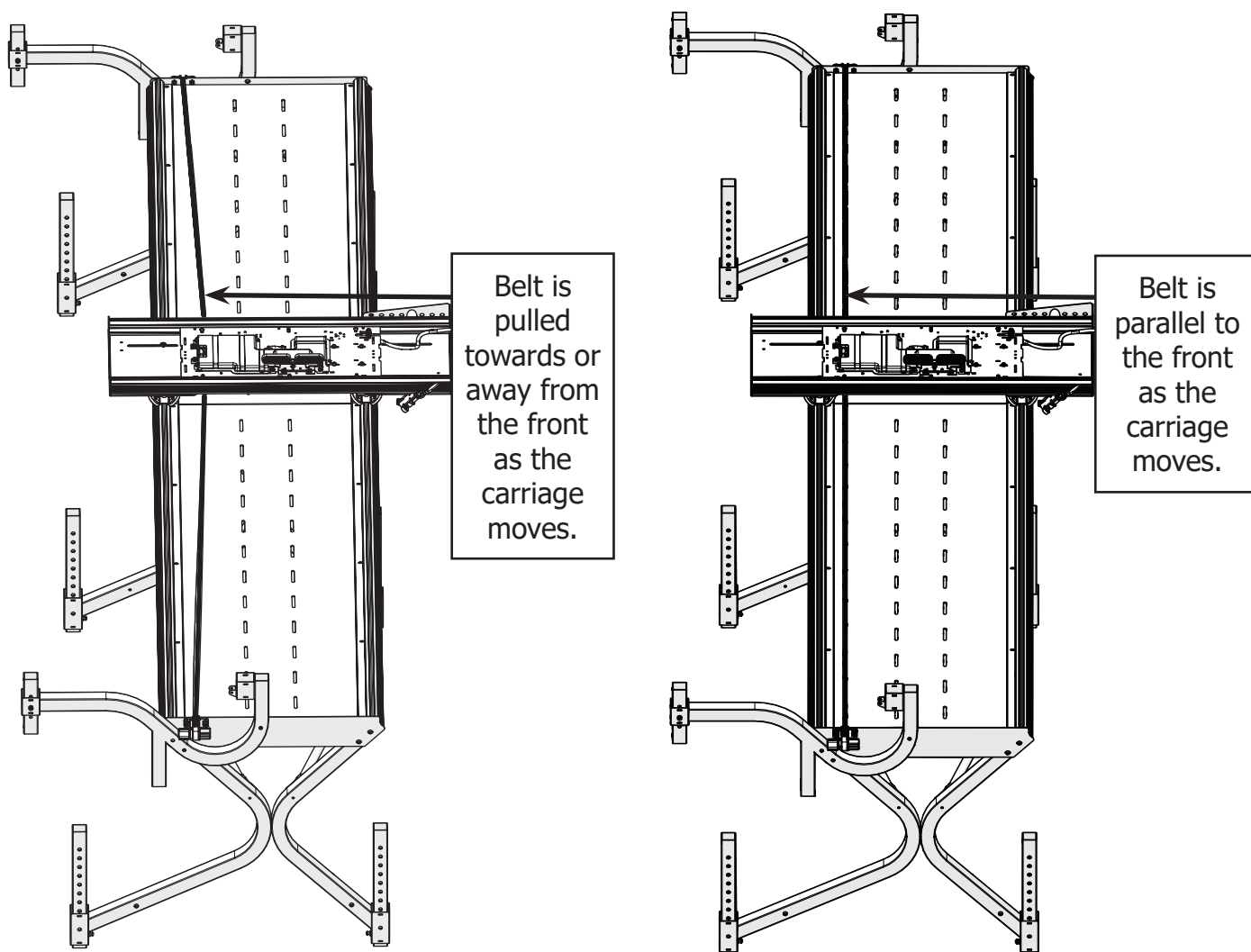
- 11 Feed the other end of the long belt into the top of the **belt tensioner** on the right side of the frame.



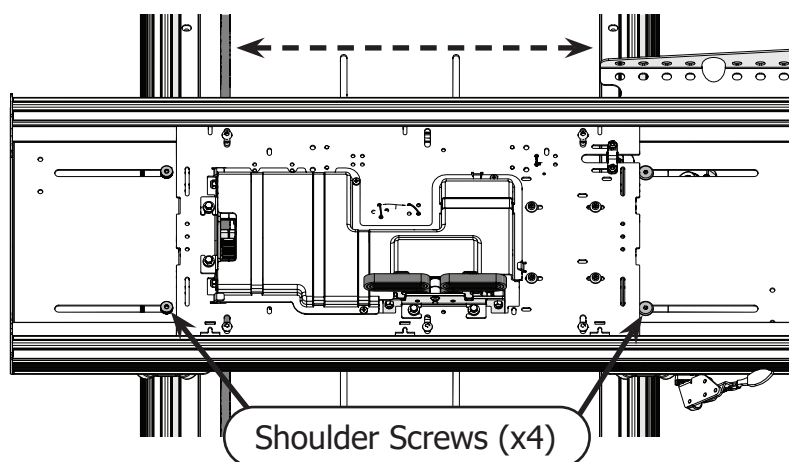
- 12 Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the **locking knob** to lock it in place.



- 13 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 14 If the belt is bowing, use the 4 mm Allen wrench to loosen the four **shoulder screws** that attach the wheel bases to the carriage. Adjust the carriage on the wheel bases until the belt is straight and then re-tighten the shoulder screws.



Congratulations! You have completed Part One of this manual.

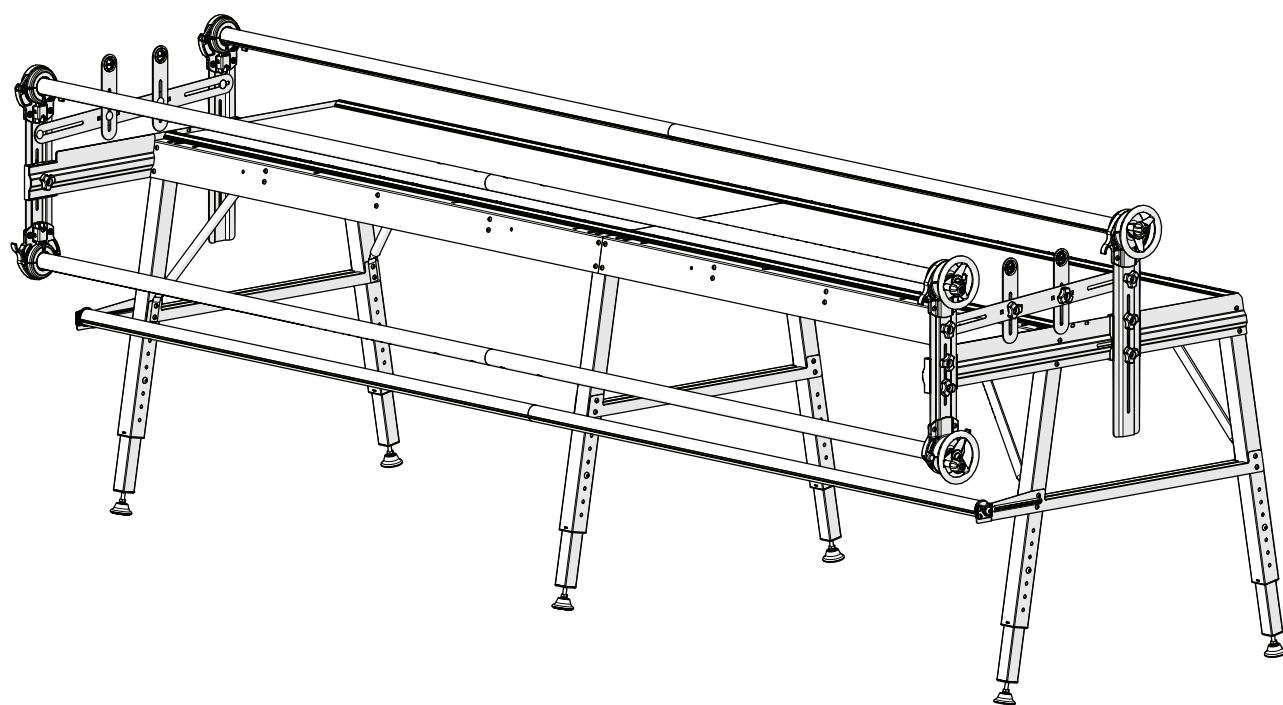
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

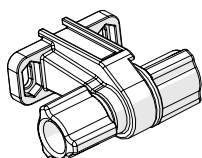
Majestic Frame



Task 5: Tension the Long Belt

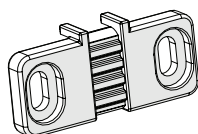
Parts & Tools Needed:

Belt Tensioner



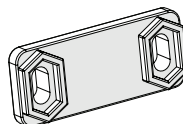
(Box I)

Back Belt Clamp



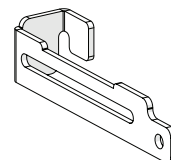
(Box I)

Front Belt Clamp



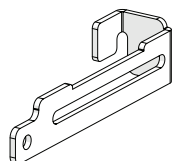
(Box I)

Majestic QM
Belt Bracket Left



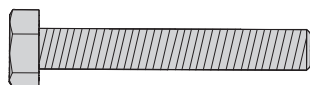
(Box O)

Majestic QM
Belt Bracket Right



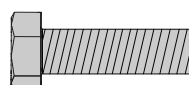
(Box O)

Hex Bolt
M6 x 40 mm (x2)



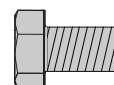
(Box O)

Hex Bolt
M6 x 20 mm (x2)



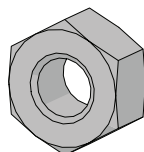
(Box O)

Hex Bolt
M6 x 10 mm (x2)



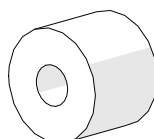
(Box O)

Hex Nut M6 (x4)



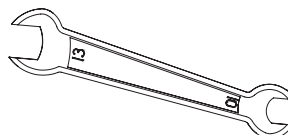
(Box O)

Spacer 6 mm (x2)



(Box O)

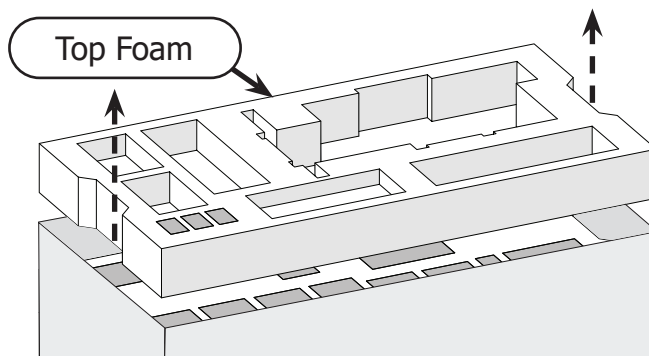
Open-end Wrench
10 mm & 13 mm



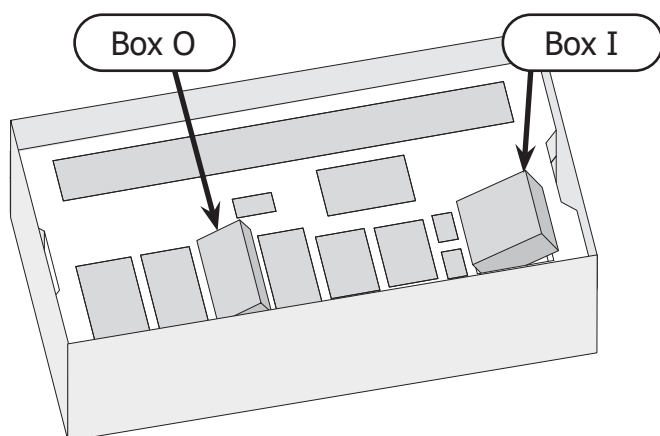
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

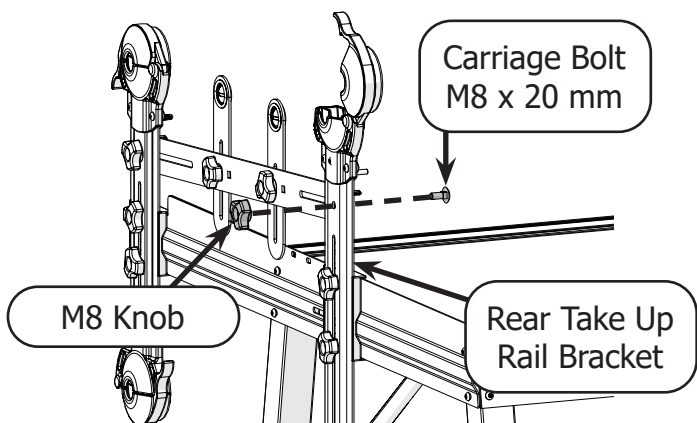
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



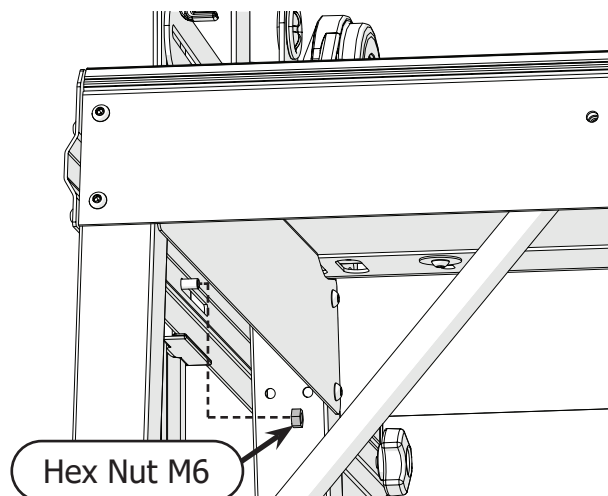
- 2 Remove the required parts from **box I** and **box O**.



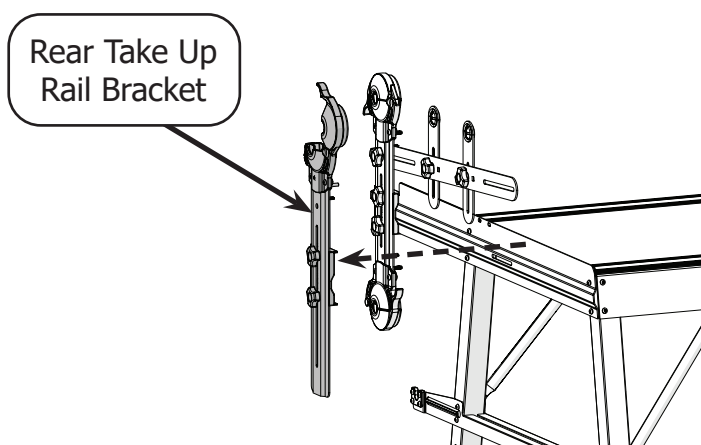
- 3 Unscrew the **M8 knob** and remove the **M8 x 20 mm carriage bolt** from the **rear take up rail bracket** on the right side of the frame.



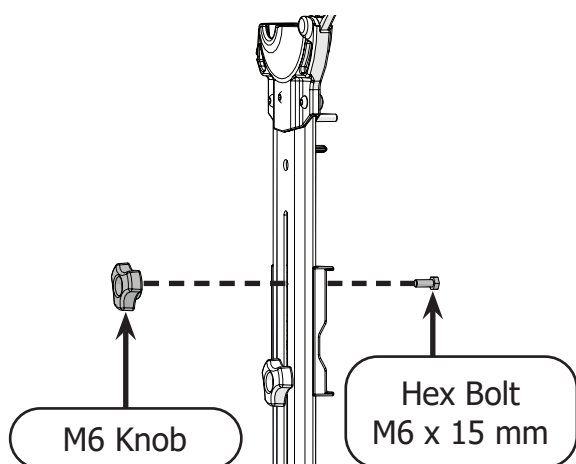
- 4 Use the 10 mm open-end wrench to remove the **M6 hex nut** from inside the right leg.



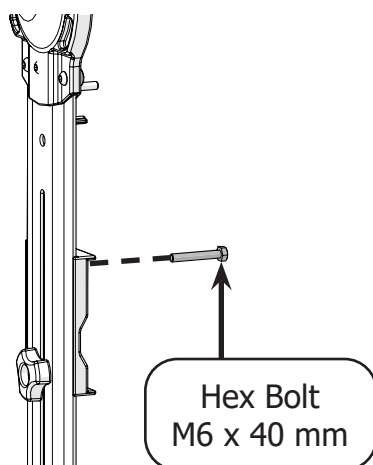
- 5 Remove the **rear take up rail bracket** from the right side of the frame.



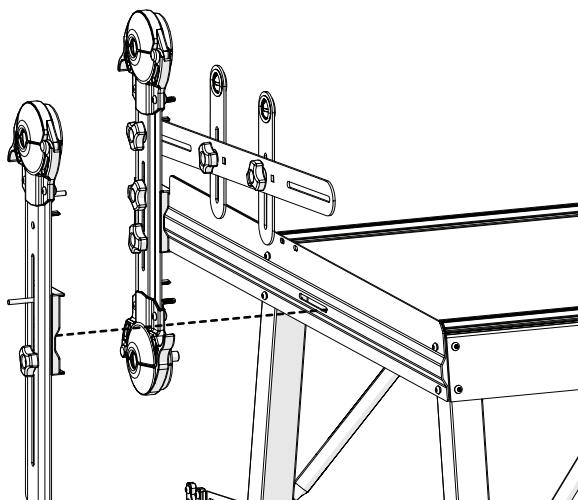
- 6 Remove the **M6 knob** and the **M6 x 15 mm hex bolt** from the take up rail bracket.



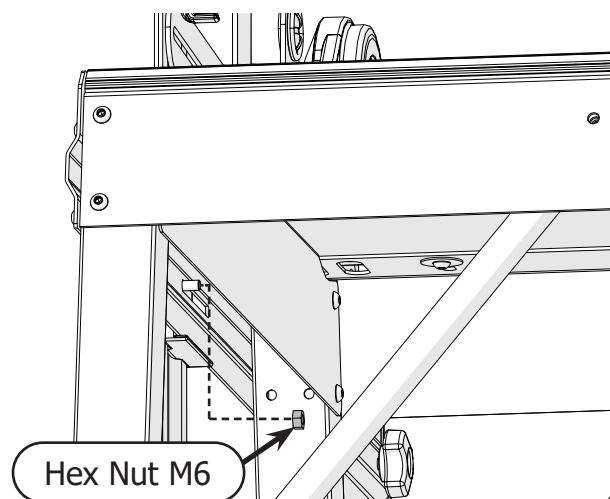
- 7 Slide the **M6 x 40 mm hex bolt** into the place where the M6 x 15 hex bolt used to be.



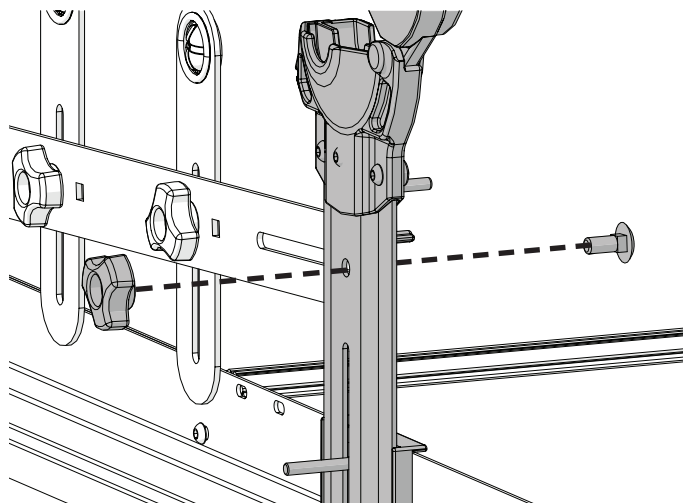
- 8 Return the rear take up rail bracket to the right side of the frame.



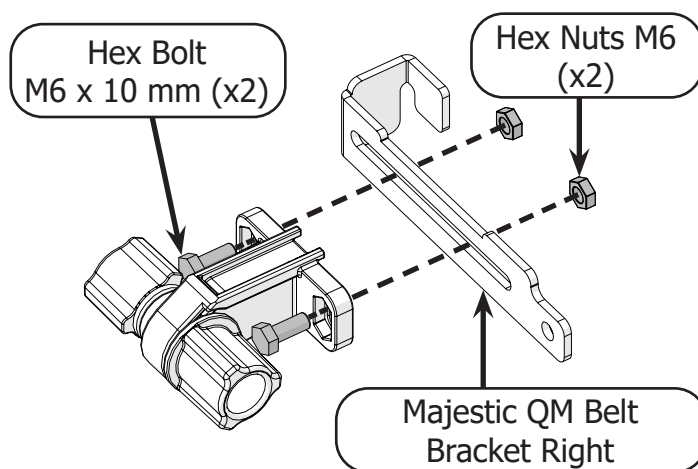
- 9 Replace the **M6 hex nut**.



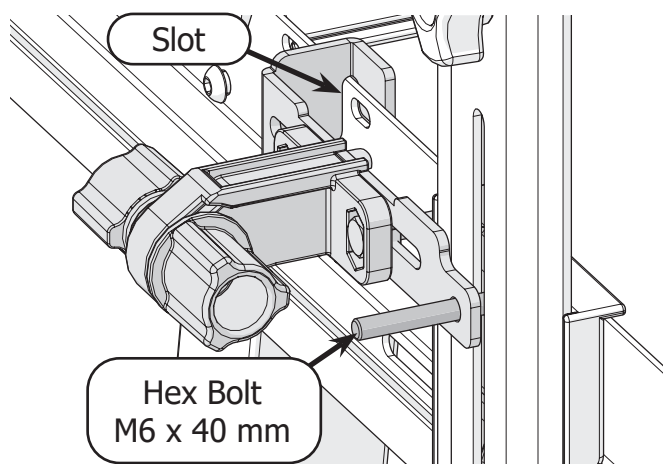
- 10 Replace the M8 knob, the M8 x 20 mm carriage bolt, and the M6 hex nut.



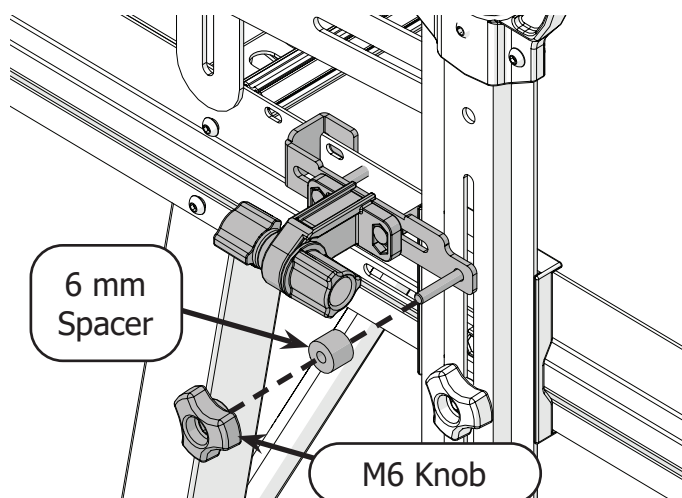
- 11 Connect the tensioner to the **right Majestic QM belt bracket** using the two **M6 x 10 mm hex bolts** and two **M6 hex nuts**.



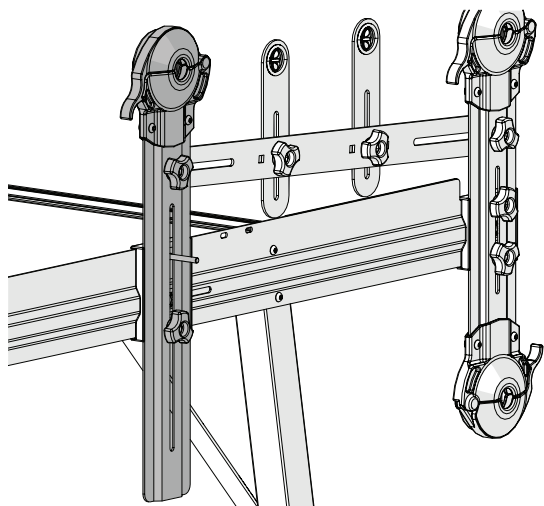
- 12 Slide the bracket onto the **M6 x 40 mm hex bolt** and place the bracket **slot** over the side lip.



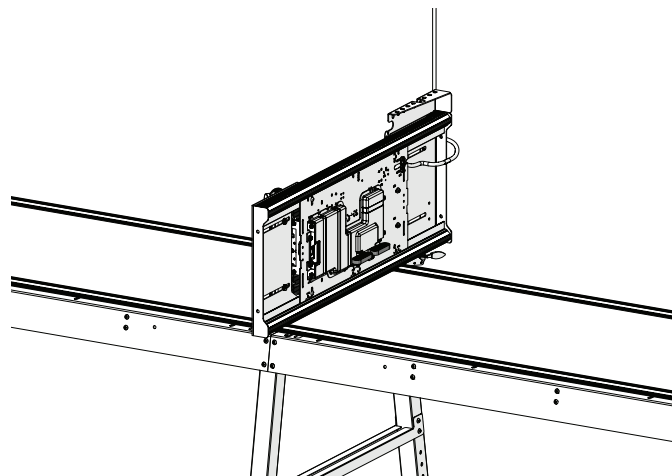
- 13 Secure in place with the **6 mm spacer** and the **M6 knob**.



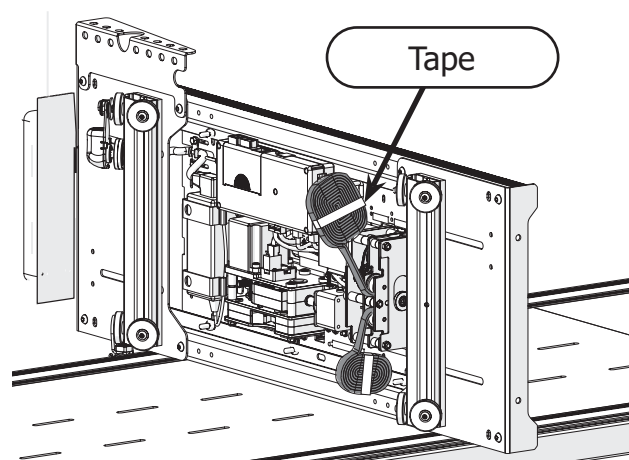
- 14 Repeat steps 3-10 for the rear take up rail bracket on the left side of the frame.



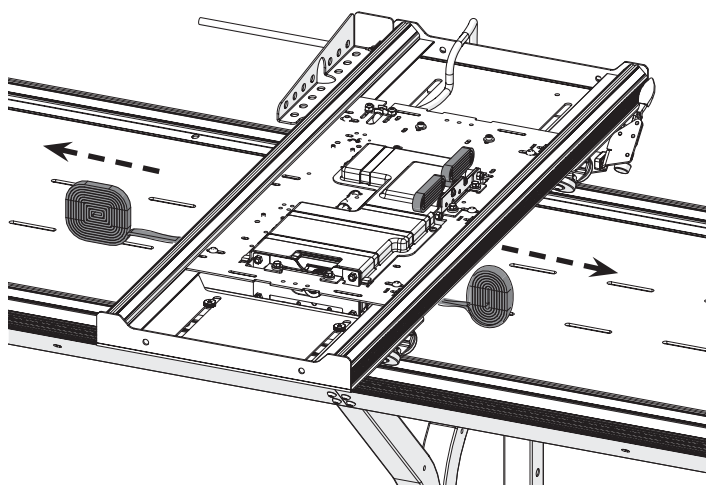
- 15 Place the bottom carriage on its right side on the frame. Do not align with the wheels with the tracks at this time.



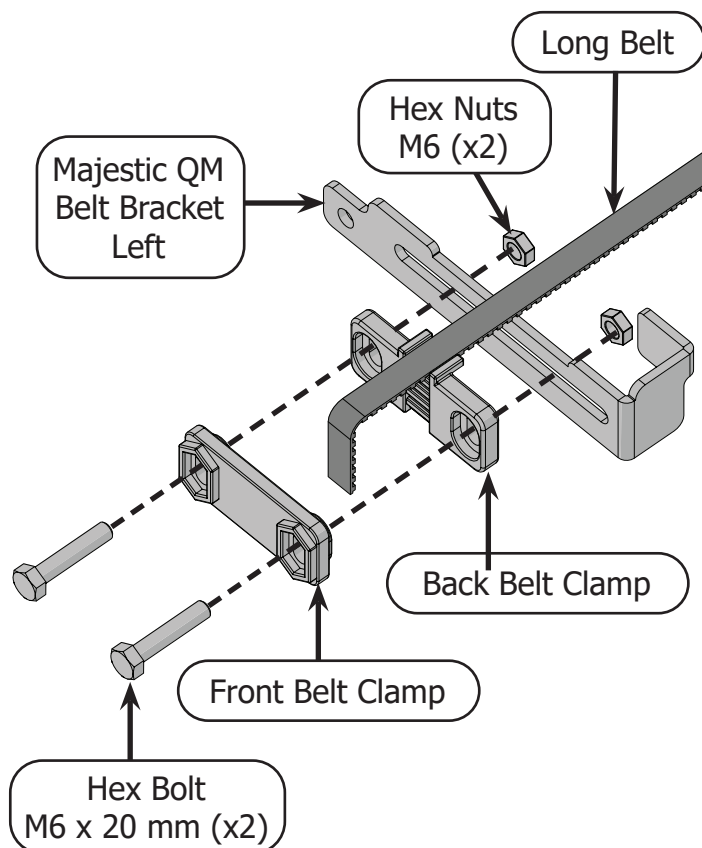
- 16 Cut the **tape** that is holding the long belt coils together and unroll several inches of each end of the belt.



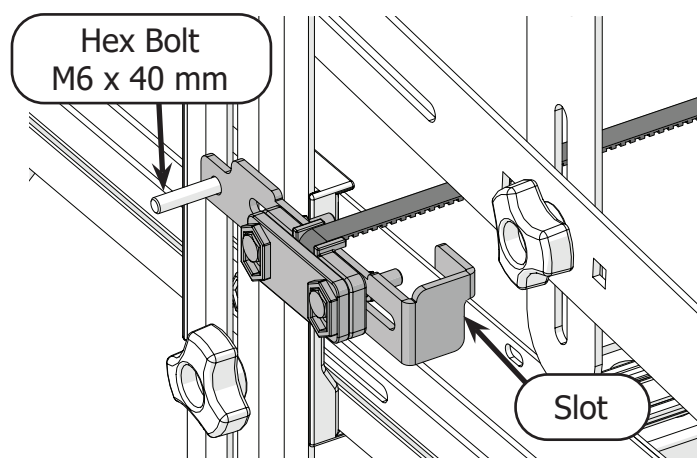
- 17 Lay the carriage flat with the wheels on the tracks and finish unrolling the long belt.



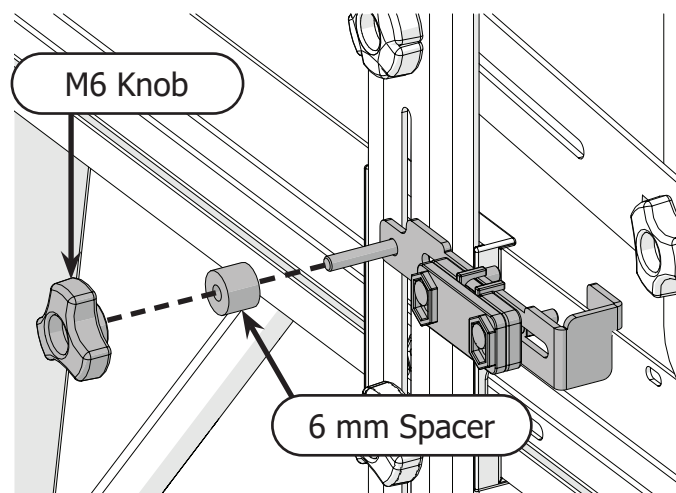
- 18 Clamp left end of the long belt between the **front** and **back belt clamps**. Attach them to the **left Majestic QM belt bracket**, with two **M6 x 20 mm hex bolts**, and two **M6 hex nuts**.



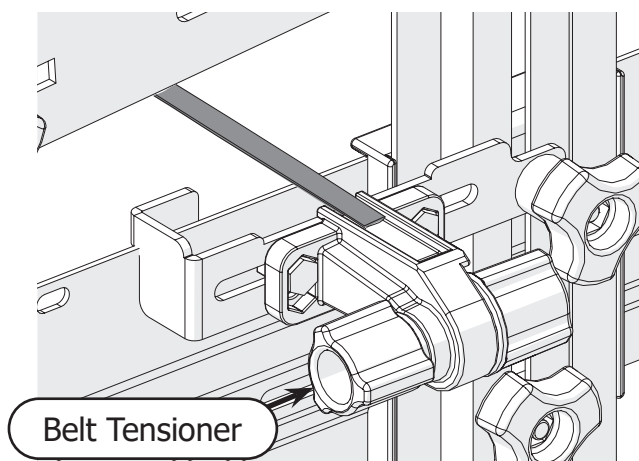
- 19 Slide the bracket onto the **M6 x 40 mm hex bolt** so the edge of the frame fits into the bracket **slot**.



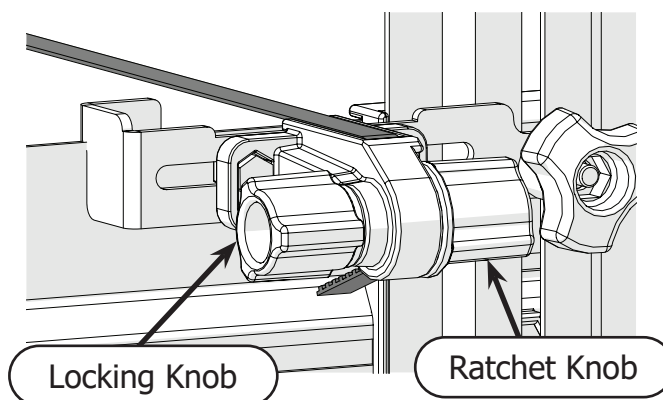
- 20 Secure in place with the **6 mm spacer** and the **M6 knob**.



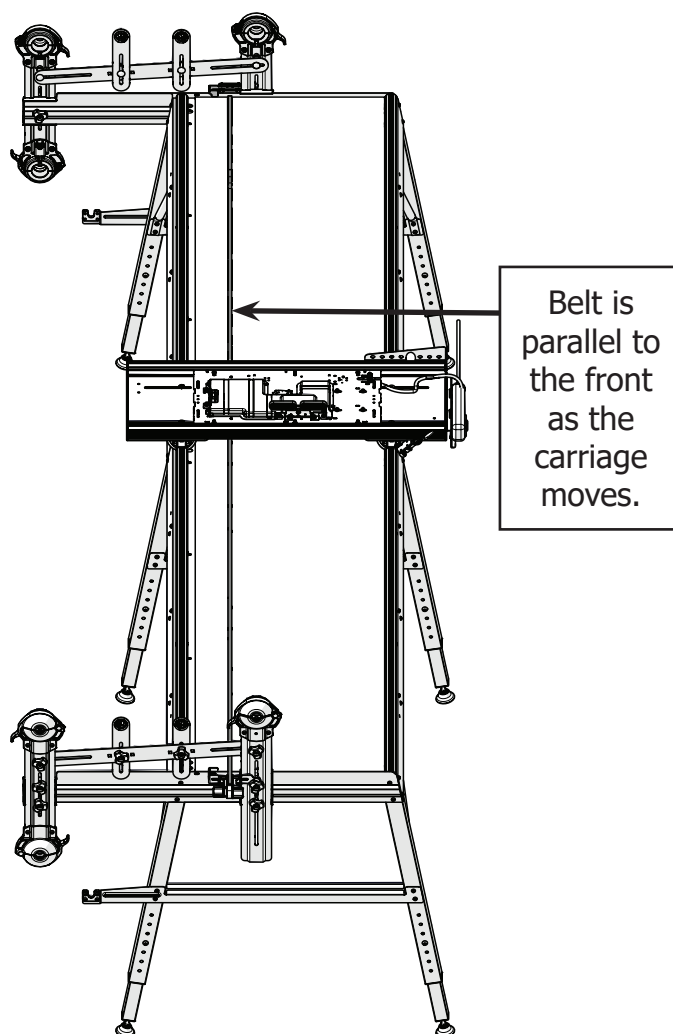
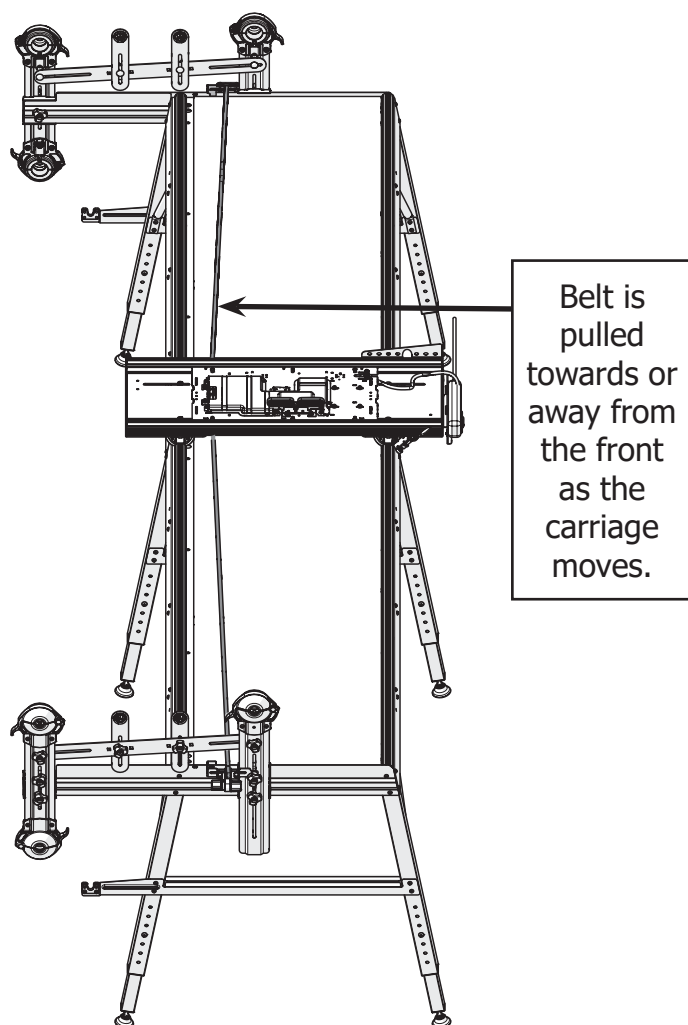
- 21 Feed the other end of the long belt into the top of the **belt tensioner** on the right side of the frame.



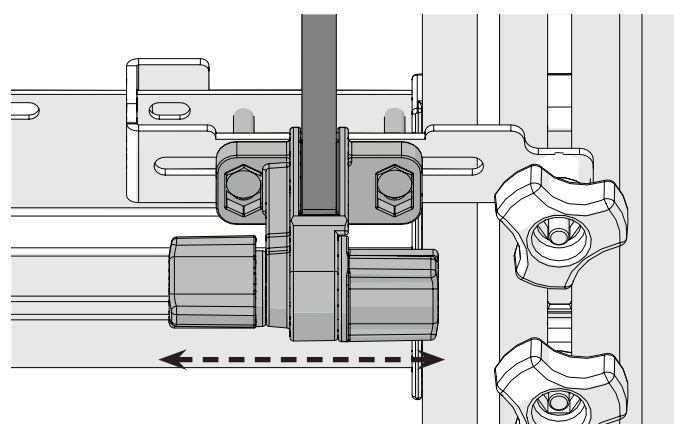
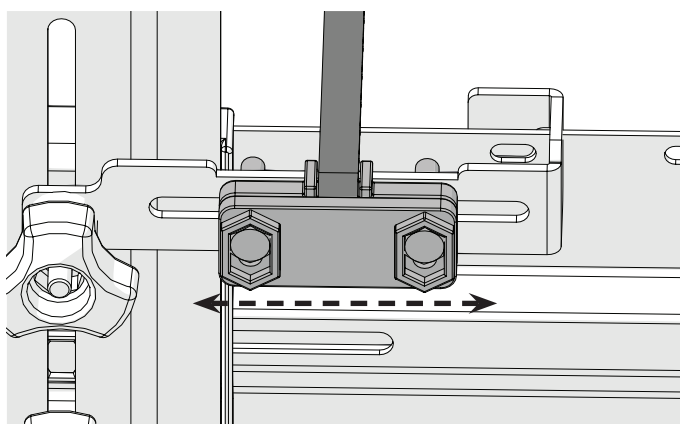
- 22 Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the **locking knob** to lock it in place.



- 23 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 24 If the belt is bowing, slightly loosen the bolts in the clamp and tensioner so that you can move the clamp and tensioner along the slots in the brackets. Re tighten the bolts when the belt is straight.



Congratulations! You have completed Part One of this manual.

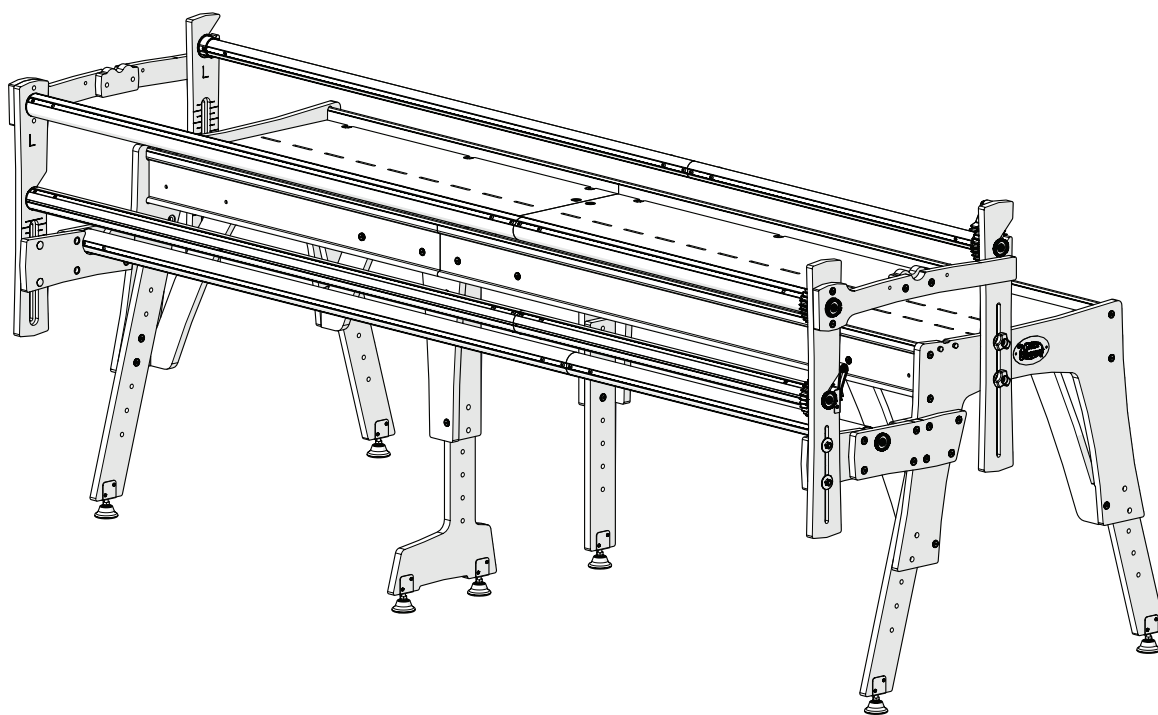
If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

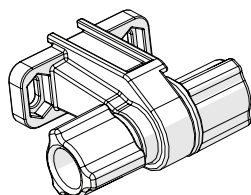
Gracie King/Queen Frame



Task 5: Tension the Long Belt

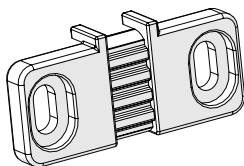
Parts & Tools Needed:

Belt Tensioner



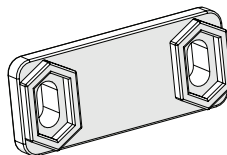
(Box I)

Back Belt Clamp



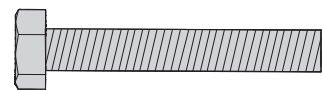
(Box I)

Front Belt Clamp



(Box I)

Hex Bolt
M6 x 40 mm (x2)



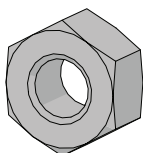
(Box K)

Hex Bolt
M6 x 30 mm (x2)



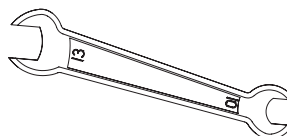
(Box K)

Hex Nut M6 (x2)

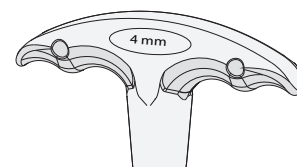


(Box K)

Open-end Wrench
10 mm & 13 mm



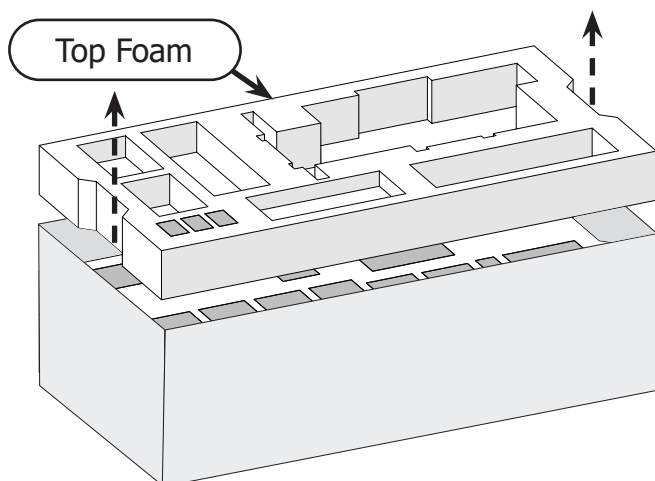
T- Handle
Allen Wrench 4 mm



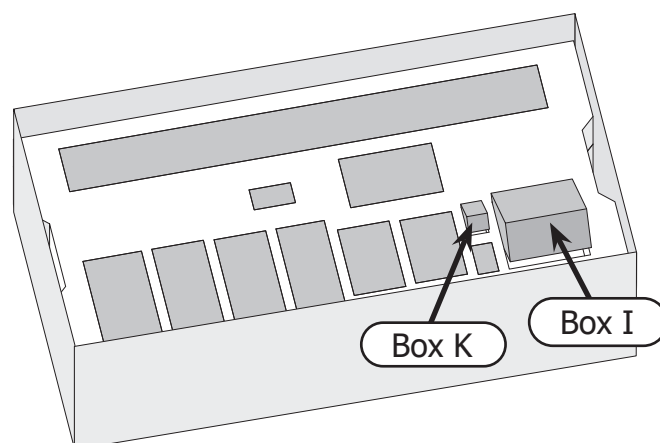
Instructions

The long belt allows QuiltMotion to move horizontally across the frame. Take the following steps to tension the long belt across the frame:

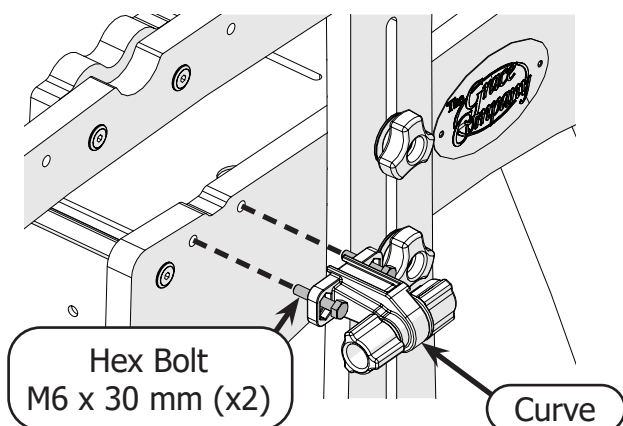
- 1 Lift the **top foam** and the remaining part boxes out of the main box and set it aside.



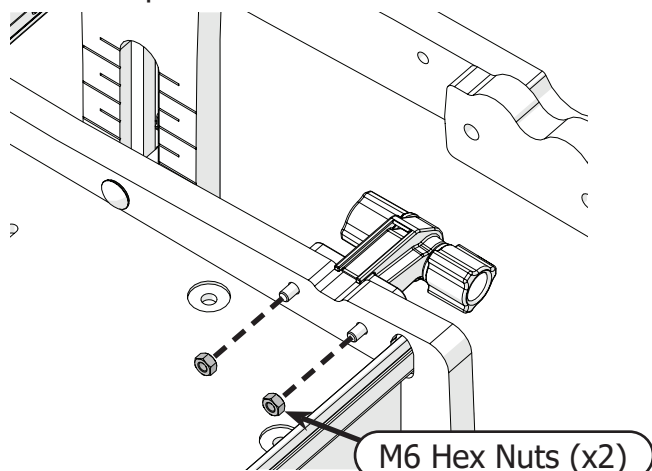
- 2 Remove the required parts from **box I** and **box K**.



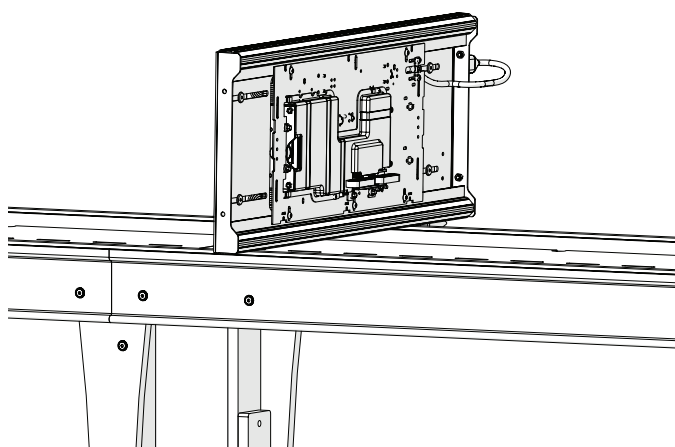
- 3 Place the tensioner on the right side of the frame so the **curve** points down. Attach with the two **M6 x 30 mm hex bolts**.



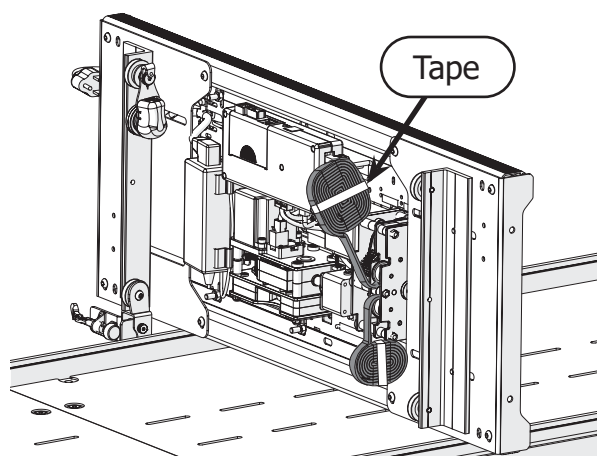
- 4 Slide the two **M6 hex nuts** on the ends of the two M6 x 30 hex bolts. Tighten with the 10 mm open-end wrench.



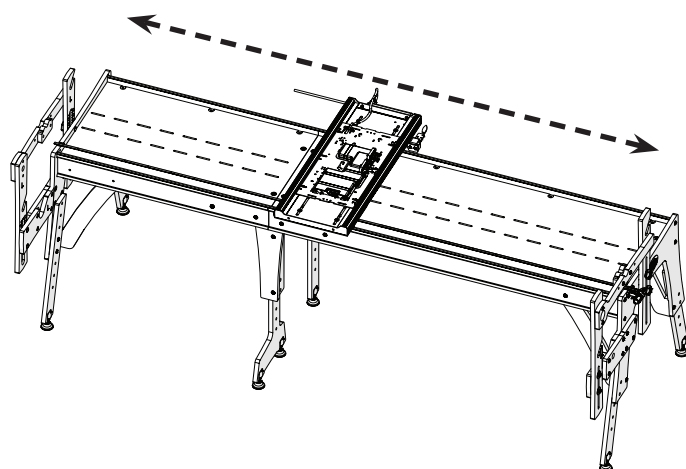
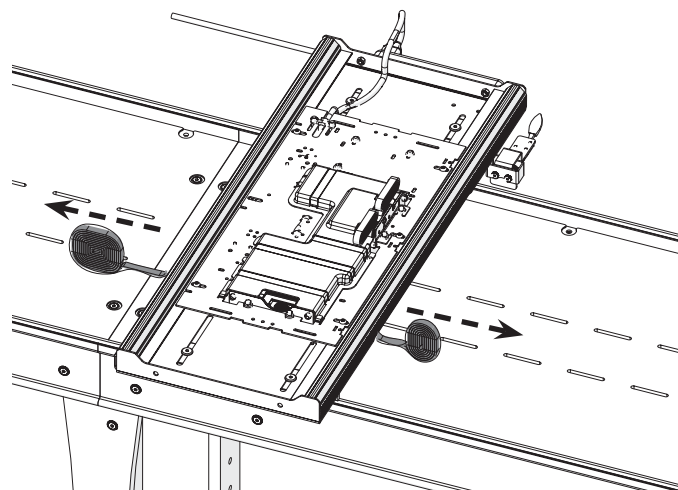
- 5 Place the bottom carriage on its right side on the frame. Do not align with the wheels with the tracks at this time.



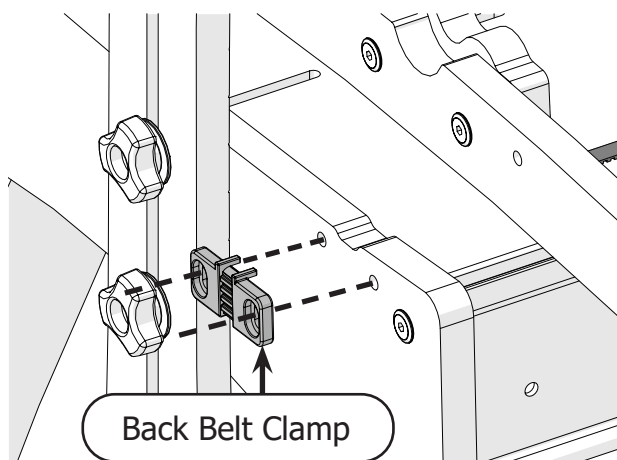
- 6 Cut the **tape** that is holding the long belt coils together.



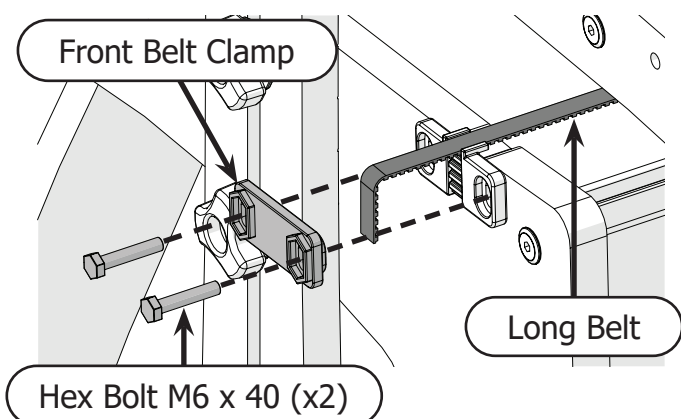
- 7 Lay the carriage flat with the wheels on the tracks and finish unrolling the long belt.



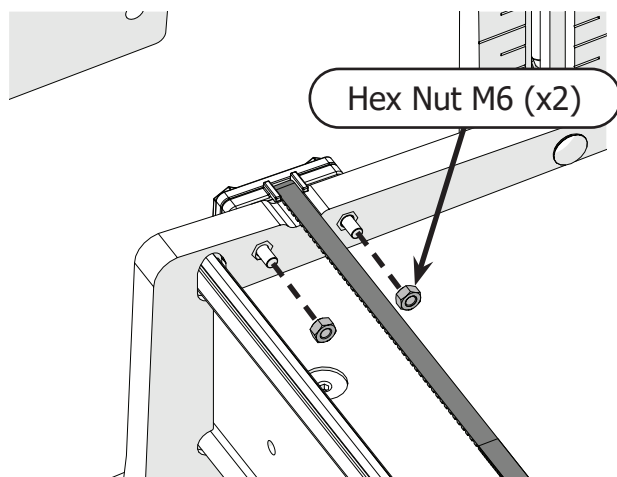
- 8 Place the back belt clamp on the left side of the frame so that the holes align with the holes in the frame.



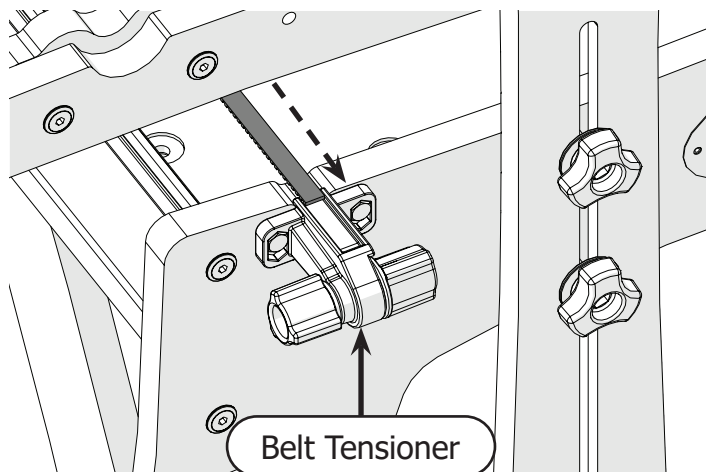
- 9 Drape the **long belt** over the back belt clamp past the bottom of the clamp. Use two **M6 x 40 mm Hex Bolts** to attach the **front belt clamp**.



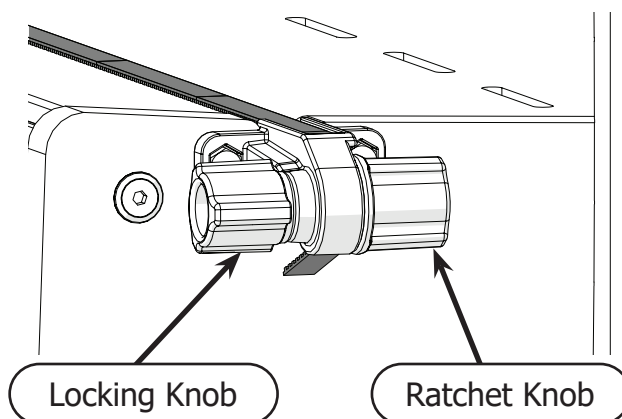
- 10 Fasten the clamp in place using two **M6 hex nuts** and the 10 mm open-end wrench.



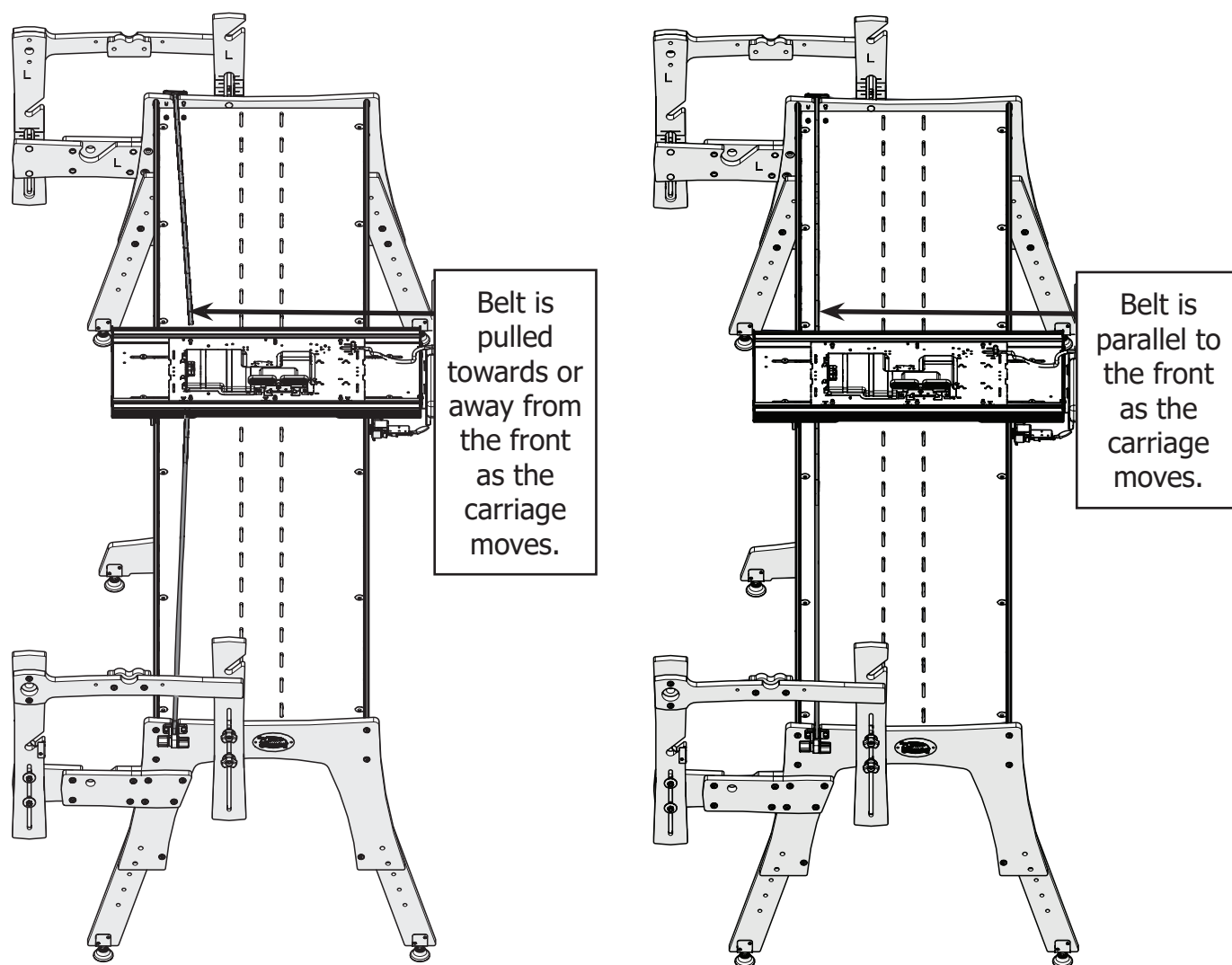
- 11 Feed the other end of the long belt into the top of the **belt tensioner** on the right side of the frame.



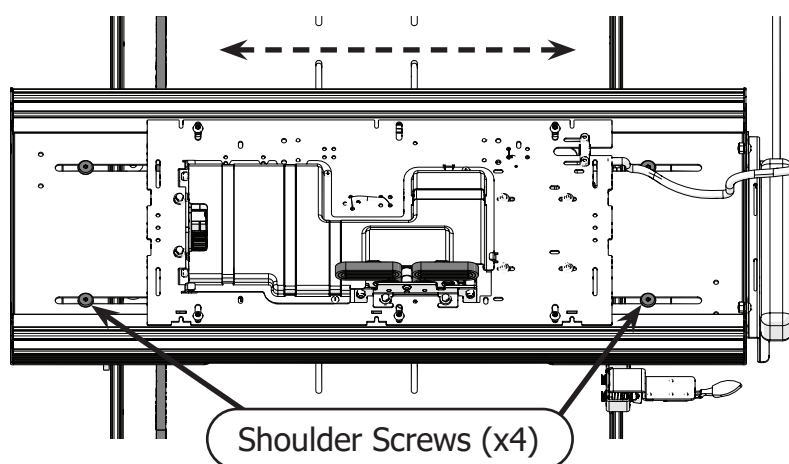
- 12 Turn the **ratchet knob** to pull the extra belt length through the tensioner until the belt is tight across the frame. Turn the **locking knob** to lock it in place.



- 13 Once the belt is tight, slide the bottom carriage across the frame. Watch the belt closely for any bowing.



- 14 If the belt is bowing, use the 4 mm Allen wrench to loosen the **shoulder screws** that attach the wheel bases to the carriage. Adjust the carriage on the wheel bases until the belt is straight and then re tighten the shoulder screws.



Congratulations! You have completed Part One of this manual.

If you're setting up QuiltMotion on a quilting machine that is not yet assembled:

- Complete the steps in Part Two of your machine's instruction manual.
- If your machine manual is not broken into parts, follow the directions to install and align the machine wheels. Then continue onto Part Two of this manual on page 111.

If you are installing QuiltMotion with a fully assembled quilting machine or a domestic sewing machine on a fully assembled top plate, continue to Part Two of this manual on page 111.

If you will be using a domestic sewing machine and you have not yet assembled your top plate, do so now. Do not put the machine on the top plate at this time. After the top plate is assembled, continue onto Part Two of this manual on page 111.

Part Two

Progress Checkpoint

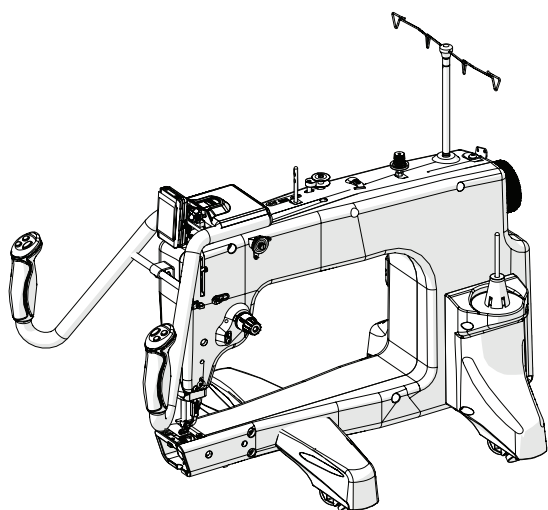
Have you:

- Installed the wheels on your quilting machine (if applicable)?
- Aligned the wheels on your quilting machine (if applicable)?
- Assembled your top plate (if applicable)?

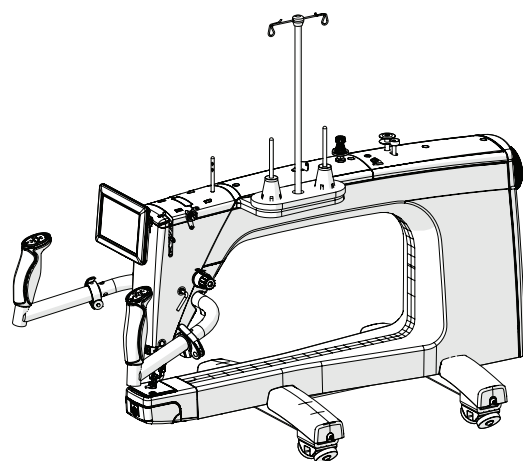
If not, see your quilting machine manual for instructions on completing these steps before continuing on the next page.

Choose Your Quilting Machine or Top Plate

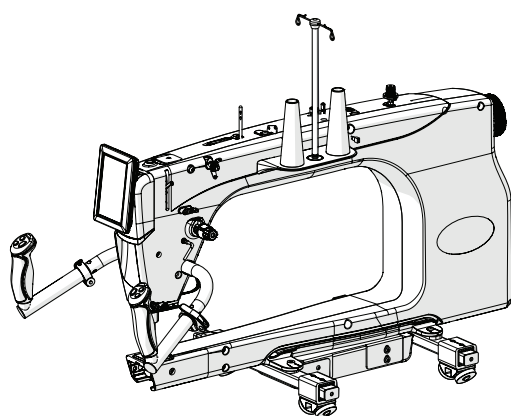
The steps in Part Two vary depending on the machine you are using. Find your machine or top plate and turn to the indicated page number to continue.



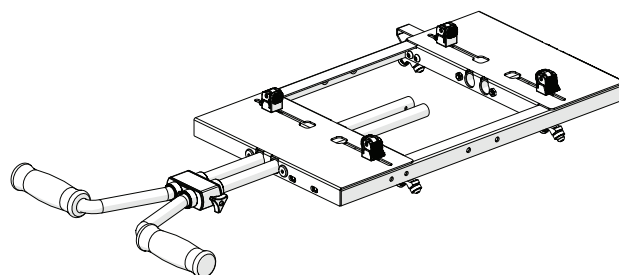
Q'nique 15 Series
Turn to page 114



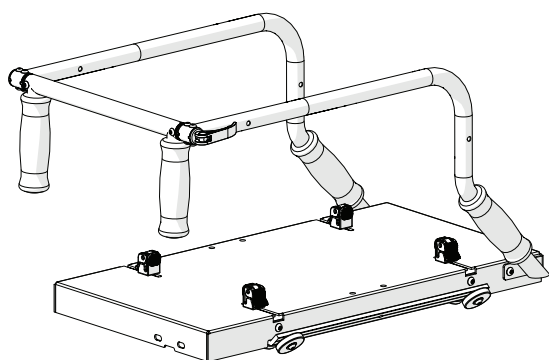
Q'nique 19
Turn to page 114



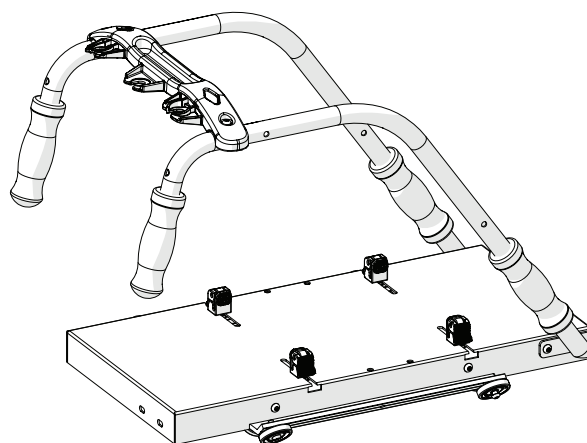
Q'nique 21 Series
Turn to page 119



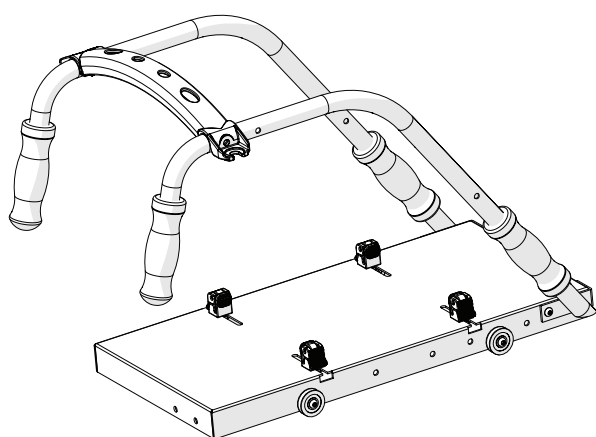
Cutie Frame Top Plate
Turn to page 125



G-Series 2 Top Plate
Turn to page 129

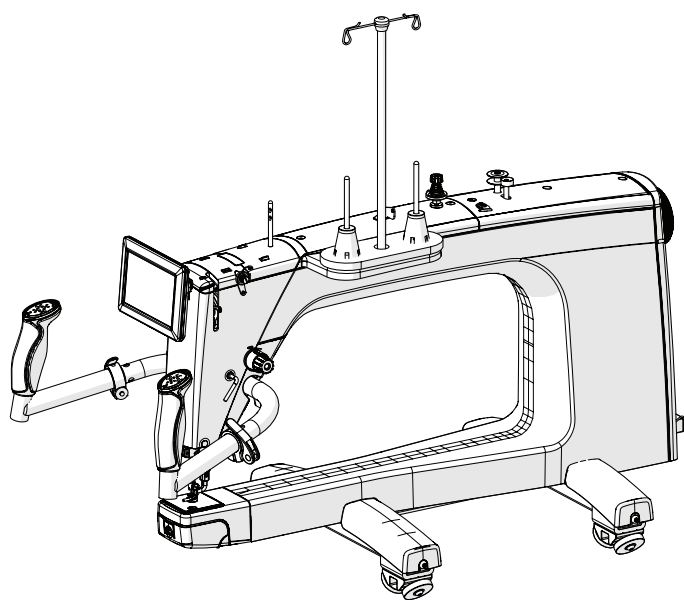
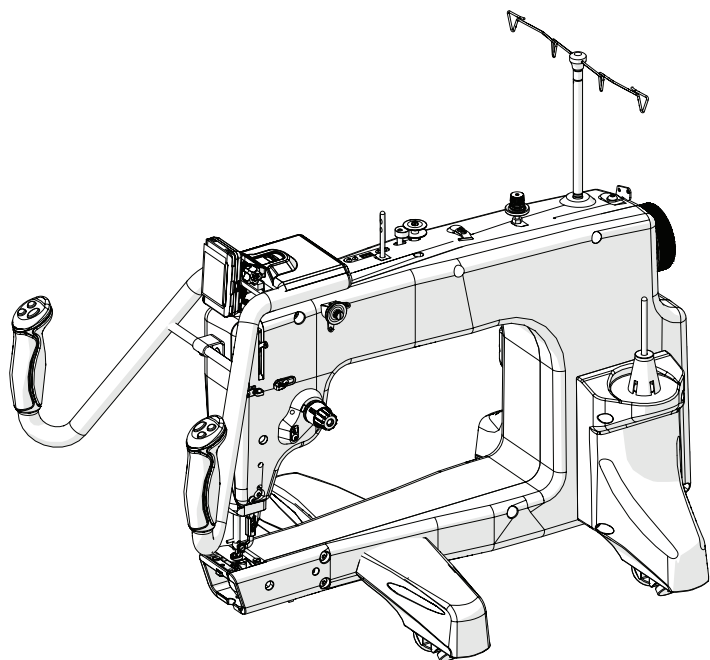


G-Series 1 Top Plate
Turn to page 129



Pro Top Plate
Turn to page 129

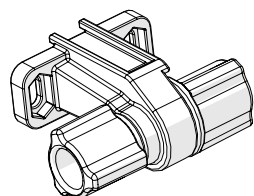
Q'nique 15 & Q'nique 19 Series



Task 6: Tension the Short Belt

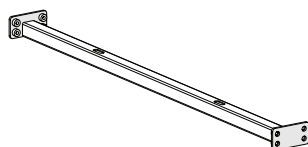
Parts & Tools Needed:

Belt Tensioner (x2)



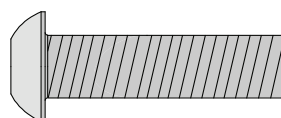
(Box R)

Top Belt Bracket



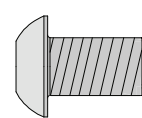
(Box T)

SBHCS
M6 x 25mm (x2)



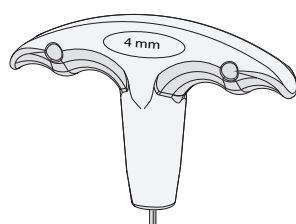
(Box T)

SBHCS
M5 x 10 mm (x4)

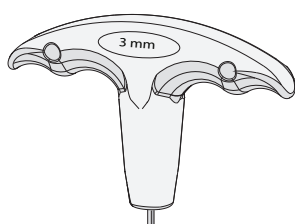


(Box T)

T-handle Allen
Wrench 4 mm



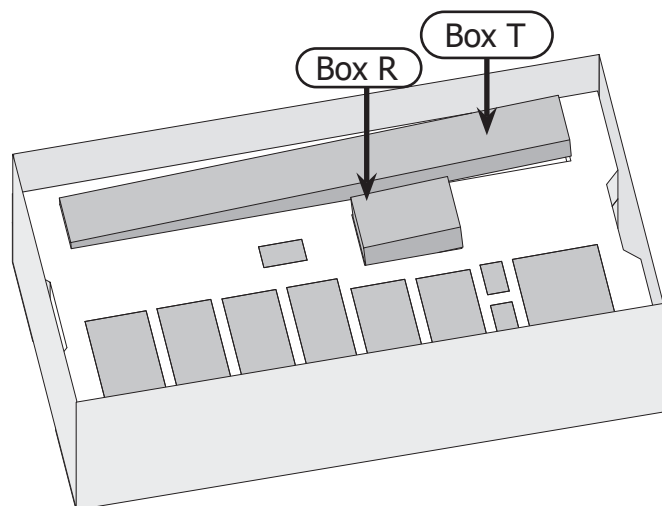
T-handle Allen
Wrench 3 mm



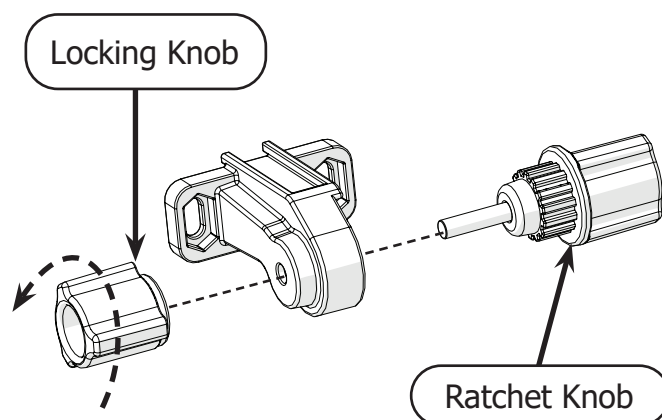
Instructions

Take the following steps to attach the top belt bracket to your machine and tension the short belt:

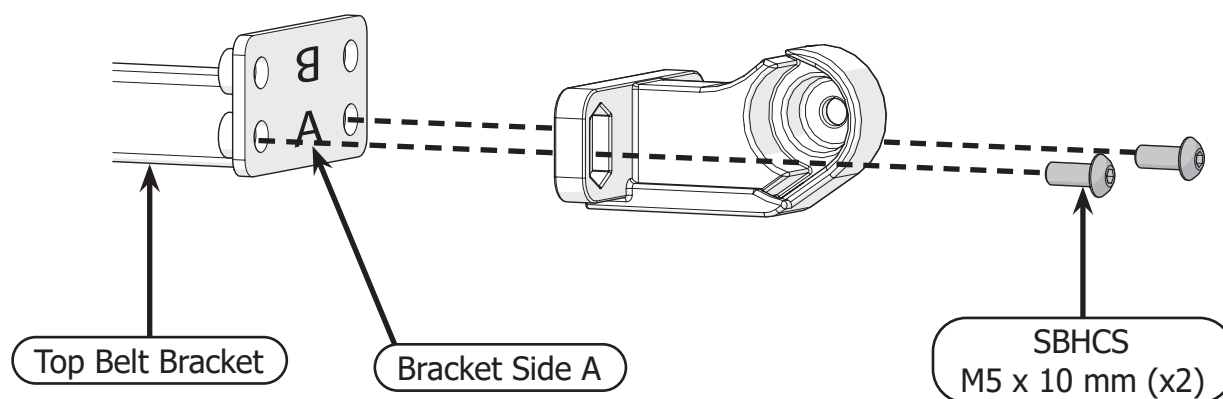
- 1 Open **box R** and **box T** and find the parts needed for this step.



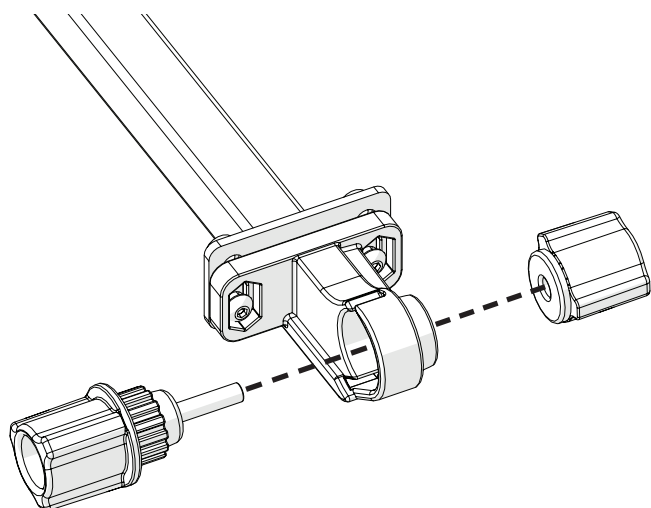
- 2 Turn the **locking knob** of the belt tensioner counter-clockwise to loosen and remove both the locking knob and the **ratchet knob**.



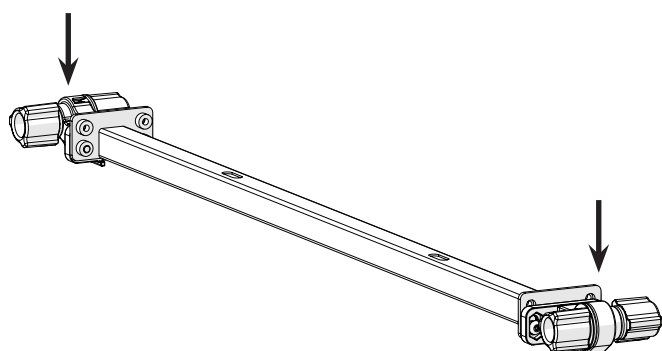
- 3 Assemble the belt tensioner onto **bracket side A** on the end of the **top belt bracket** using two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench.



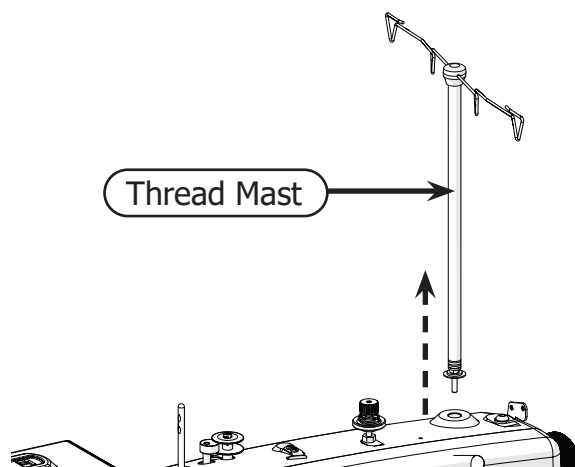
- 4 Re-Install the belt tensioner knobs.



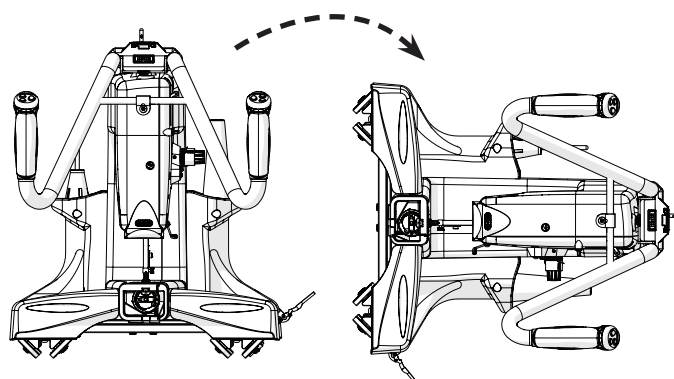
- 5 Repeat steps 2-4 using the other tensioner. Attach to bracket side A on the other end of the top belt bracket.



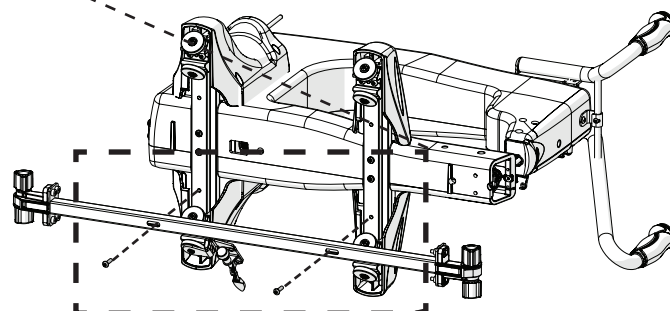
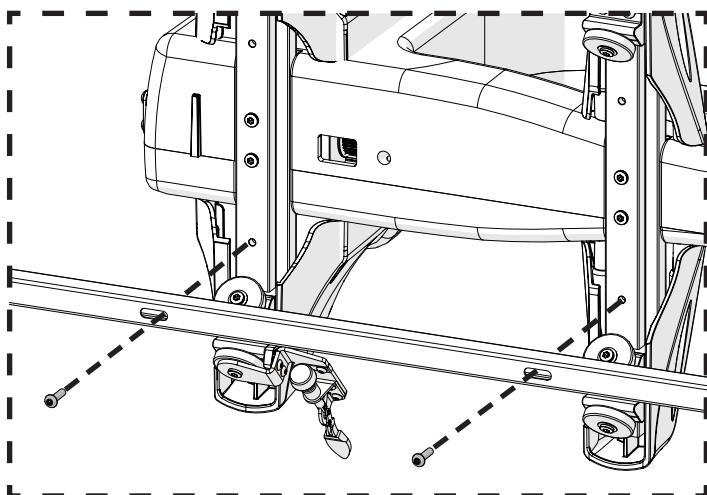
- 6 If it is installed, remove the **thread mast** to avoid risk of damage in the next step. See your machine manual for instructions.



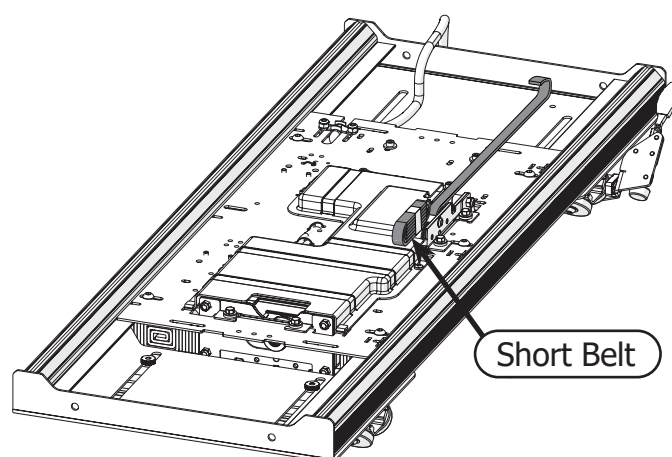
- 7 Gently lay your machine down on its right side.



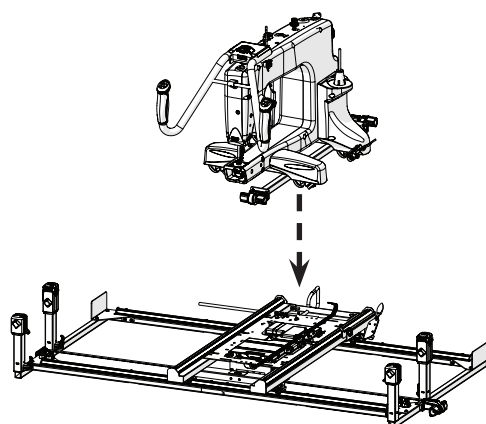
- 8 Use the two **M6 x 25 mm SBHCS** and the 4 mm Allen wrench to fasten the top belt bracket to the bottom of the machine. Make sure bracket side A is on bottom.



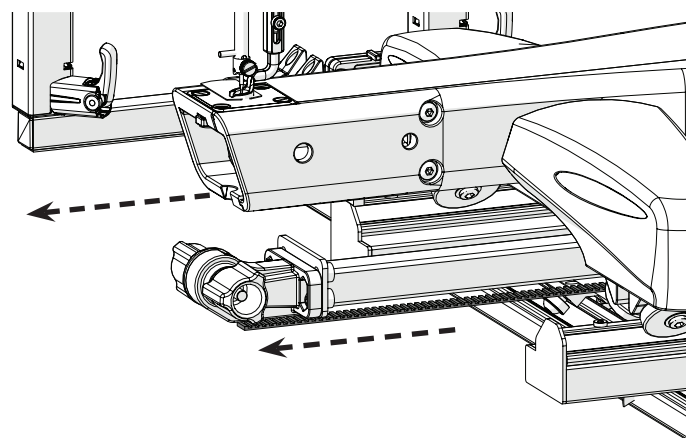
- 9 Cut the tape around the **short belt** and spread the short belt across the carriage.



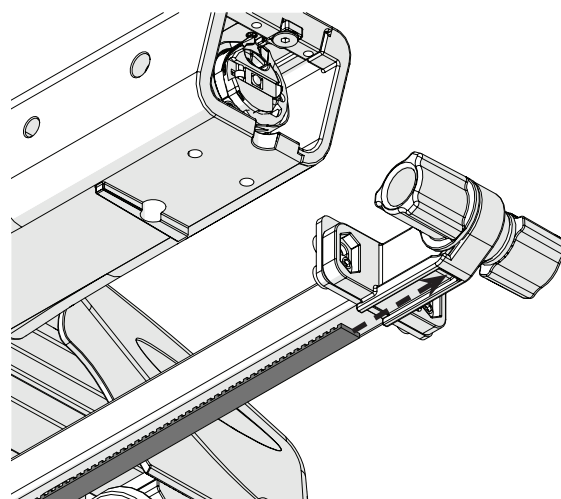
- 10 With the short belt laid flat across the carriage, place the machine on top of the carriage.



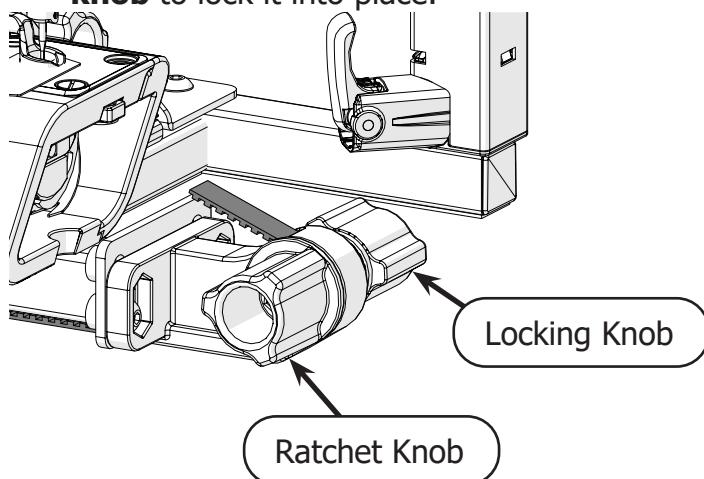
- 11 Pull the short belt and the machine forward until the belt and front tensioner are past the front of the bottom carriage.



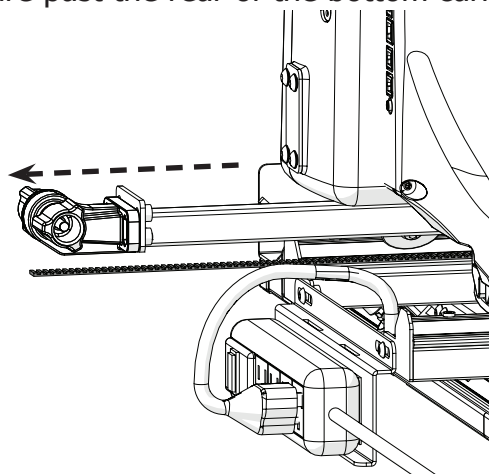
- 12 Feed the end of the short belt into the slot underneath the front tensioner.



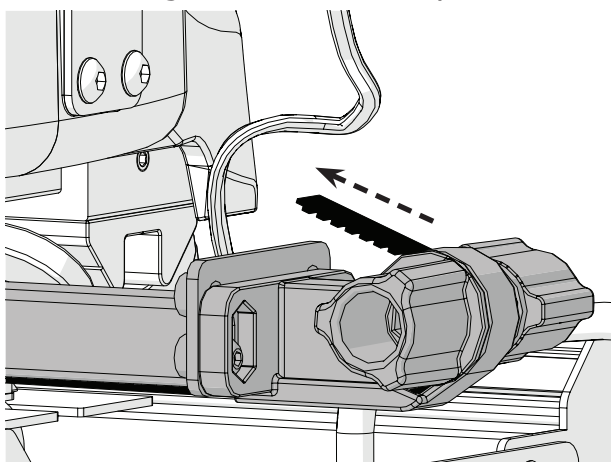
- 13 Turn the **ratchet knob** to pull the belt through the tensioner. Turn the **locking knob** to lock it into place.



- 14 Pull the short belt and the machine backwards until the belt and rear tensioner are past the rear of the bottom carriage.



- 15 Thread the short belt into the back tensioner and ratchet it until the belt is taut. Then turn the locking knob to lock it in place.



Congratulations! You have completed Part Two of this manual.

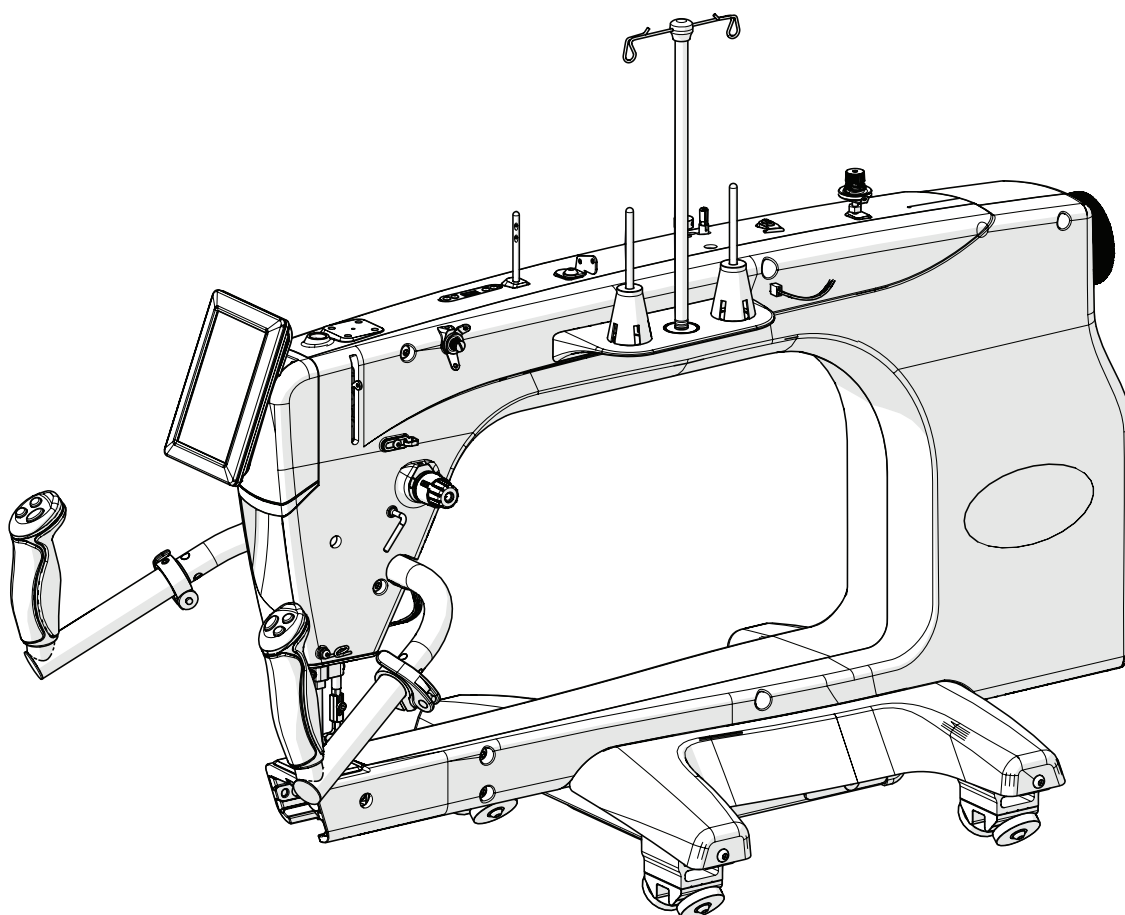
If you're setting up QuiltMotion on a new frame:

1. Complete the steps in Part Two of your frame's instruction manual. If your frame manual is not broken into parts, follow the directions to install the channel locks onto your machine.
2. Complete the steps in Part Three of your quilting machine. If your machine manual is not broken into parts, follow the directions to:
 - Install the wheel covers (19" only).
 - Install the handlebars (19" only).
 - Install the display.
 - Install the thread stand.
 - Install the upper encoder.
 - Plug in the quilting machine.
3. Complete the steps in Part Three of your frame's manual. If the frame manual is not broken in to parts, follow the directions to:
 - Install and adjust the rails.
 - Install the bungee clamps (if applicable).
 - Level the frame.
4. Continue to Part Three of this manual on page 133.

If your frame and machine were already fully assembled:

1. Re-install and adjust the frame rails.
2. Continue to Part Three of this manual on page 133.

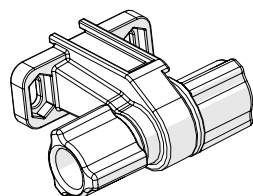
Q'nique 21 Series



Task 6: Tension the Short Belt

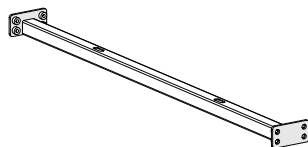
Parts & Tools Needed:

Belt Tensioner (x2)



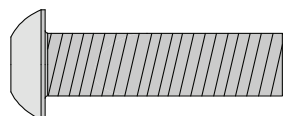
(Box R)

Top Belt Bracket



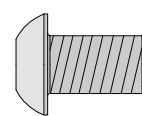
(Box T)

SBHCS
M6 x 25mm (x2)



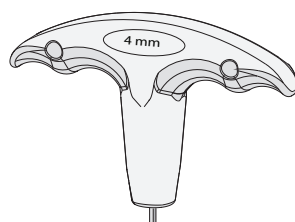
(Box T)

SBHCS
M5 x 10 mm (x4)

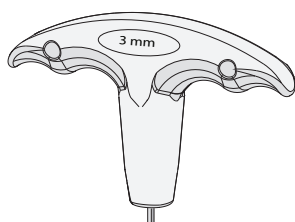


(Box T)

T-handle Allen
Wrench 4 mm



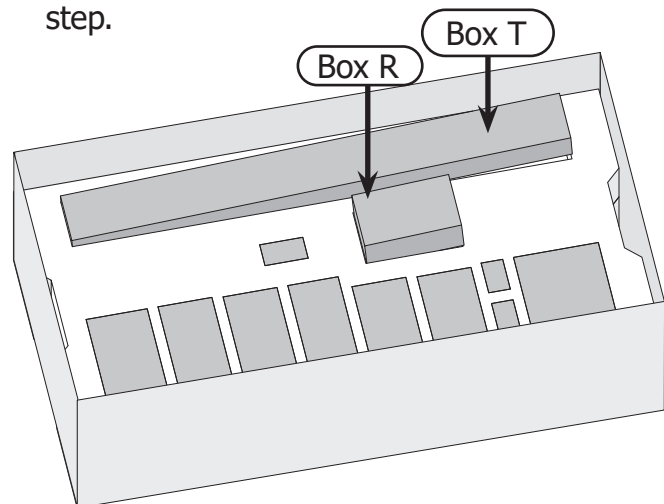
T-handle Allen
Wrench 3 mm



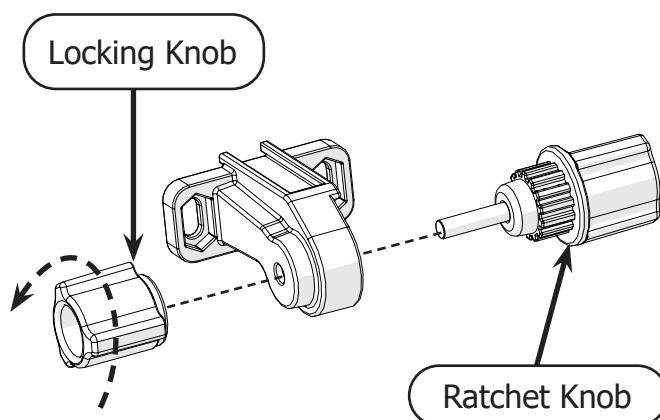
Instructions

Take the following steps to attach the top belt bracket to your machine and tension the short belt:

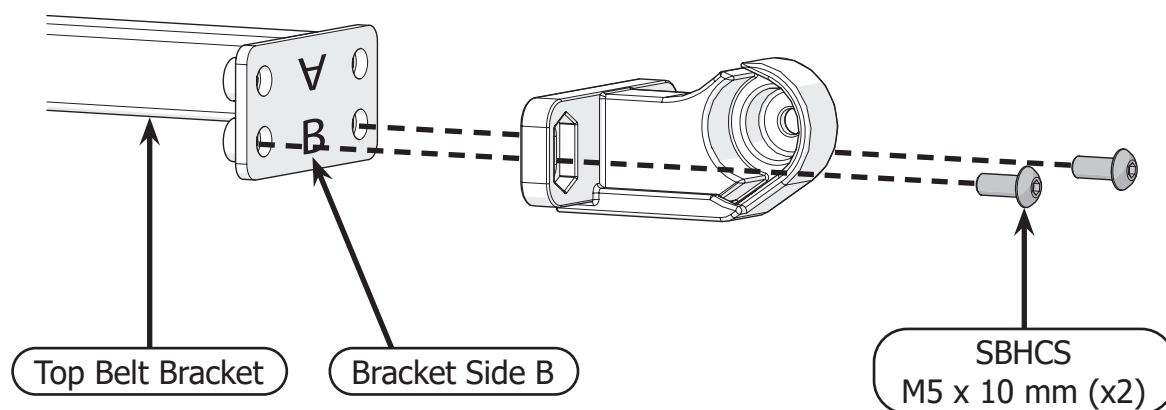
- 1 Remove **box R** and **box T** from the packaging and find the parts needed for this step.



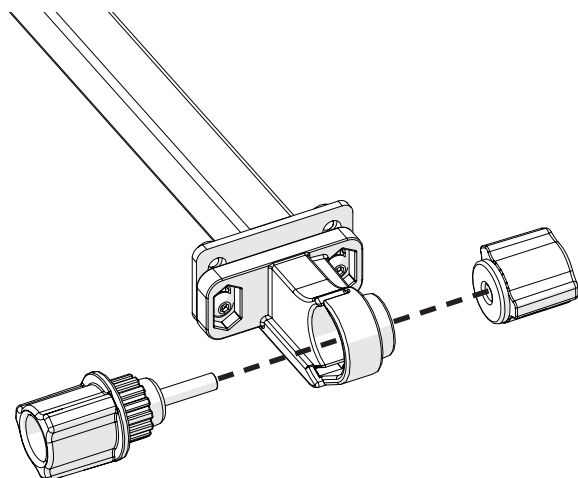
- 2 Turn the **locking knob** of the belt tensioner counter-clockwise to loosen and remove both the locking knob and the **ratchet knob**.



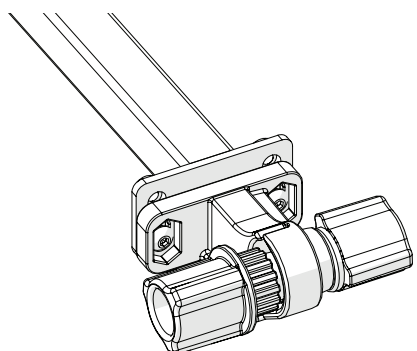
- 3 Assemble the belt tensioner onto **bracket side B** on the end of the **top belt bracket** using two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench.



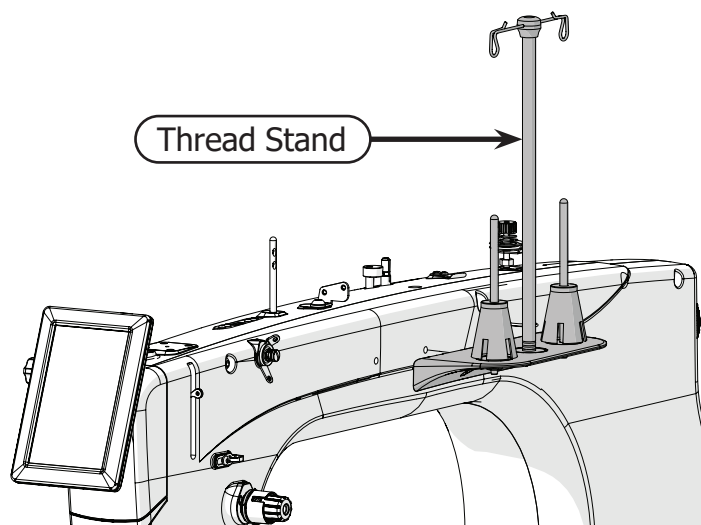
- 4 Re-Install the Belt Tensioner Knobs.



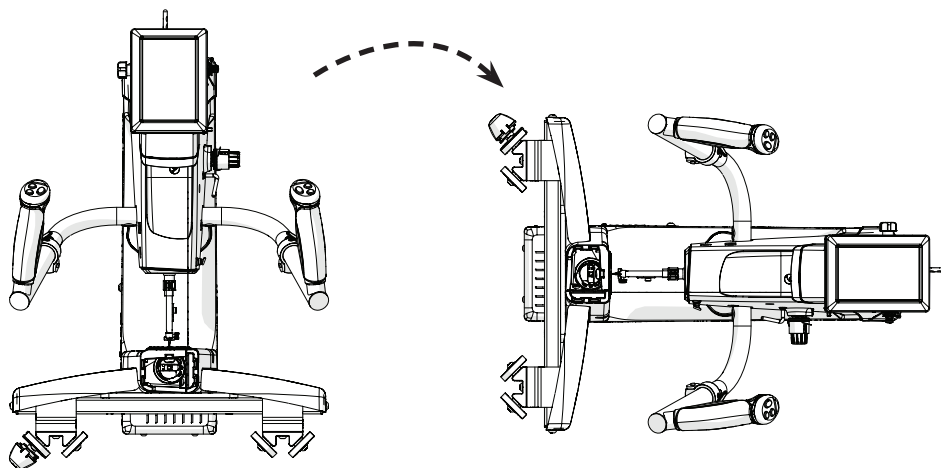
- 5 Repeat steps 2-4 using the other tensioner. Attach to bracket side B on the other end of the top belt bracket.



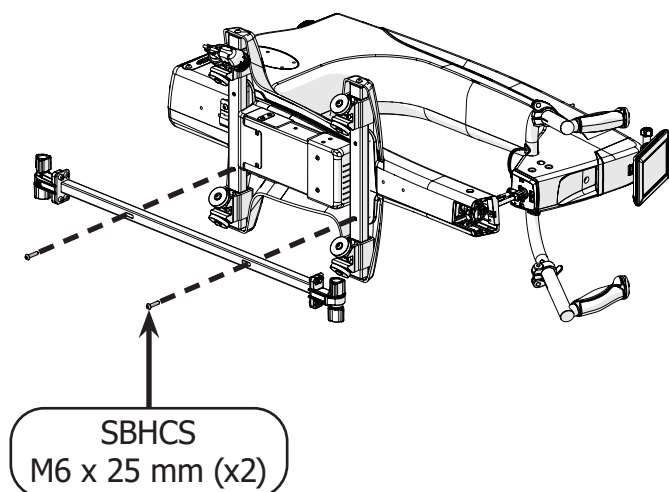
- 6 If it is installed, remove the **thread stand** to avoid risk of damage in the next steps. See your machine manual for instructions.



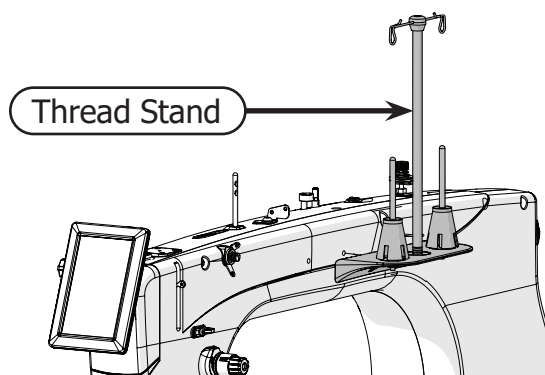
- 7 Gently lay your machine down on its right side.



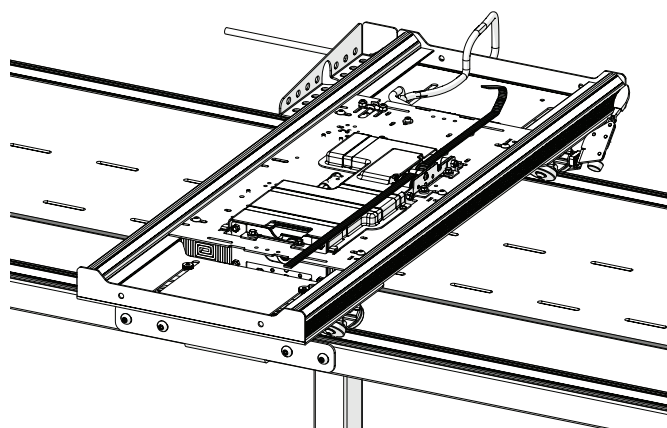
- 8 Use the two **M6 x 25 mm SBHCS** and the 4 mm Allen wrench to fasten the top belt bracket to the bottom of the machine. Make sure bracket Side B is on bottom.



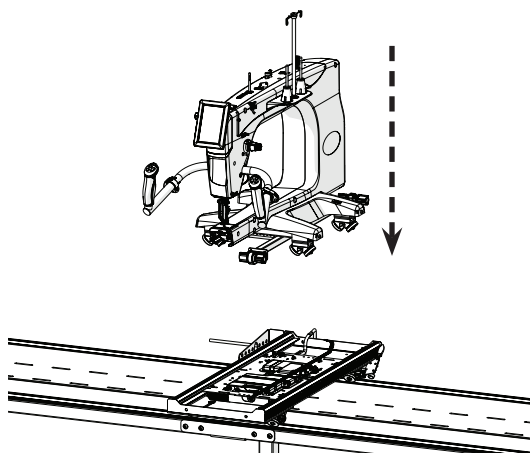
- 9 Turn the machine upright again and reinstall the **thread stand**. See your machine manual for instructions.



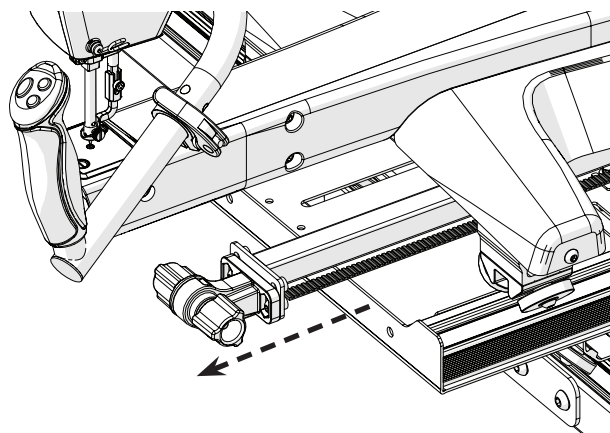
- 10 Cut the tape on the short belt and lay it flat across the bottom carriage.



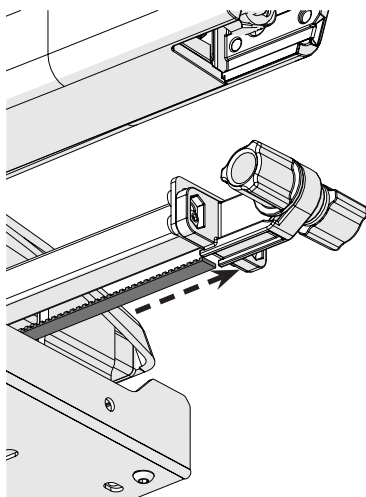
- 11 With the short belt laid flat across the carriage, place the machine on top of the carriage.



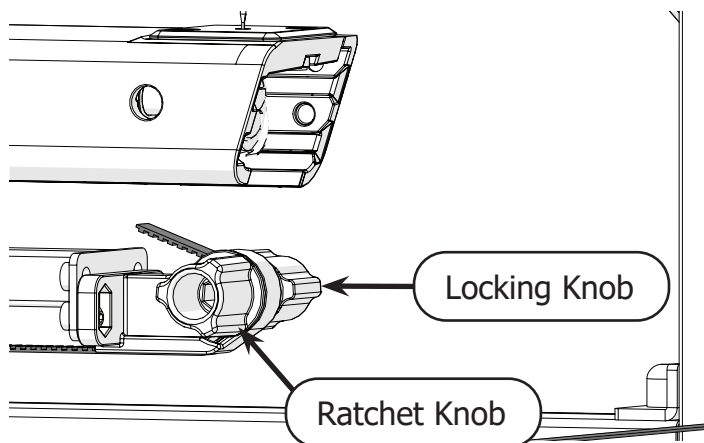
- 12 Pull the short belt and the machine forward until the belt and front tensioner are past the front of the bottom carriage.



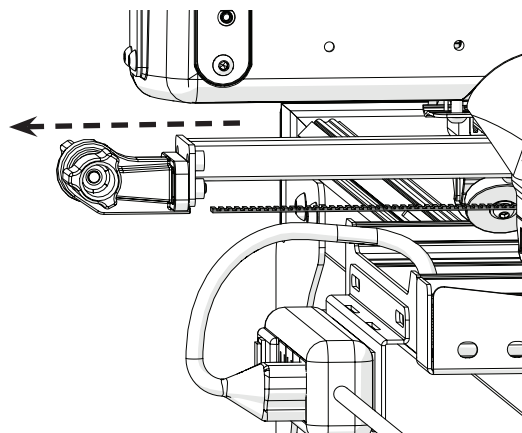
- 13 Feed the end of the short belt into the slot underneath the front tensioner.



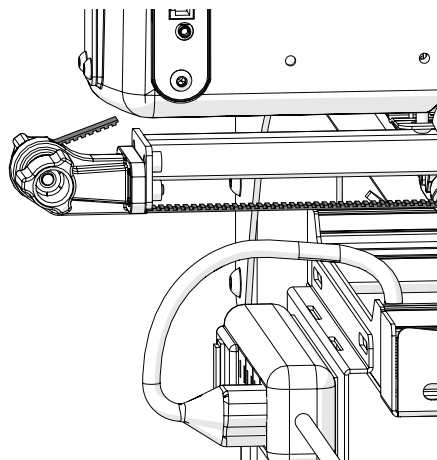
- 14 Turn the **ratchet knob** to pull the belt through the tensioner. Turn the **locking knob** to lock it into place.



- 15 Pull the short belt and the machine backwards until the belt and rear tensioner are past the rear of the bottom carriage.



- 16 Repeat steps 13-14 for the rear tensioner. Turn ratchet knob until belt is tight before locking into place.



Congratulations! You have completed Part Two of this manual.

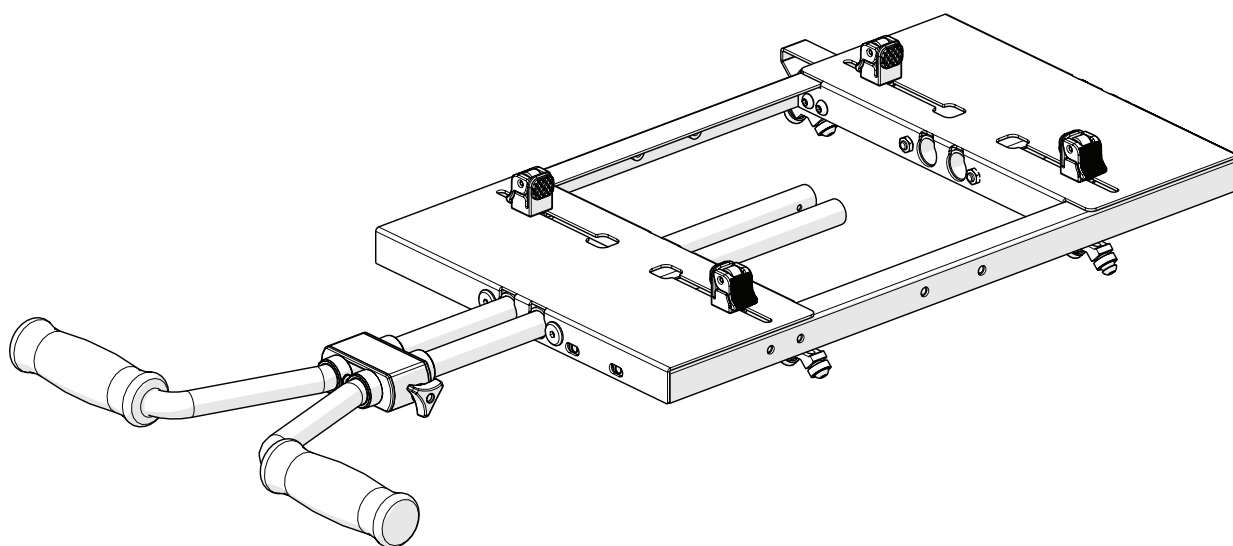
If you're setting up QuiltMotion on a new frame:

1. Complete the steps in Part Two of your frame's instruction manual. If your frame manual is not broken into parts, follow the directions to install the channel locks onto your machine.
2. Complete the steps in Part Three of your quilting machine. If your machine manual is not broken into parts, follow the directions to:
 - Install the wheel covers.
 - Install the handlebars.
 - Install the display.
 - Install the thread stand.
 - Install the upper encoder.
 - Plug in the quilting machine.
3. Complete the steps in Part Three of your frame's manual. If the frame manual is not broken in to parts, follow the directions to:
 - Install and adjust the rails.
 - Install the bungee clamps (if applicable).
 - Level the frame.
4. Continue to Part Three of this manual on page 133.

If your frame and machine were already fully assembled:

1. Re-install and adjust the frame rails.
2. Continue to Part Three of this manual on page 133.

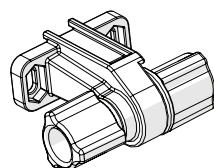
Cutie Frame Top Plate



Task 6: Tension the Short Belt

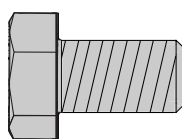
Parts & Tools Needed:

Belt Tensioner (x2)



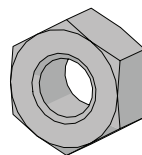
(box R)

Hex Bolt
M6 x 10 mm (x4)



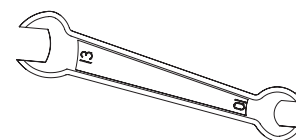
(box S)

Hex Nut
M6 (x4)



(box S)

Open-end Wrench
10 mm & 13 mm

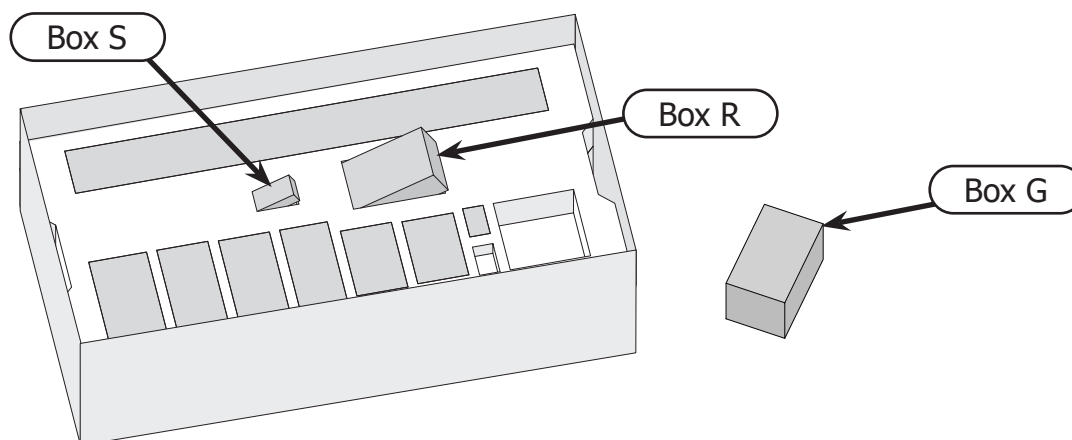


(box G)

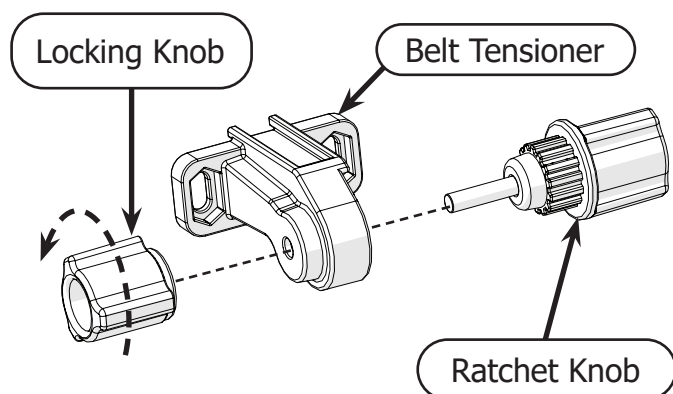
Instructions

Take the following steps to tension the short belt underneath your top plate:

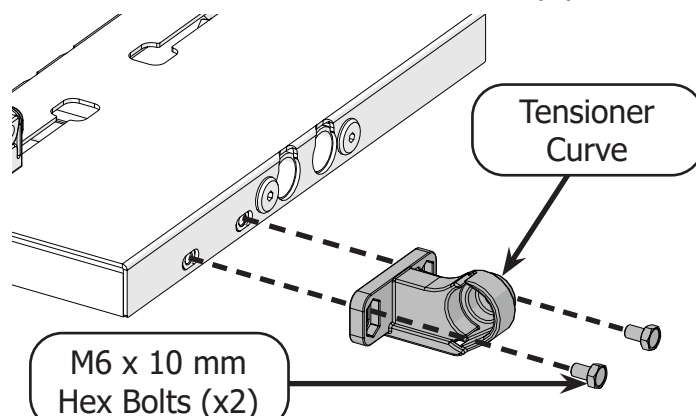
- 1 Open **boxes R** and **S** to find the parts needed for this step. The 10 mm & 13 mm open-end wrench is in **box G**, which was opened in a previous task.



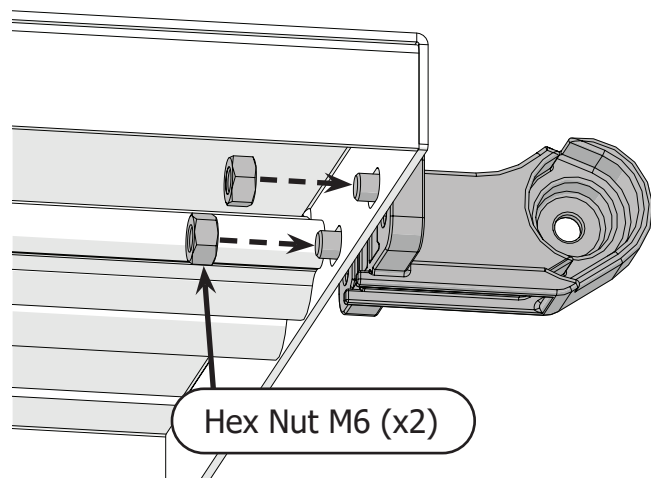
- 2 **On both belt tensioners:** Turn the **locking knob** counter-clockwise to remove it and the **ratchet knob** from the tensioners.



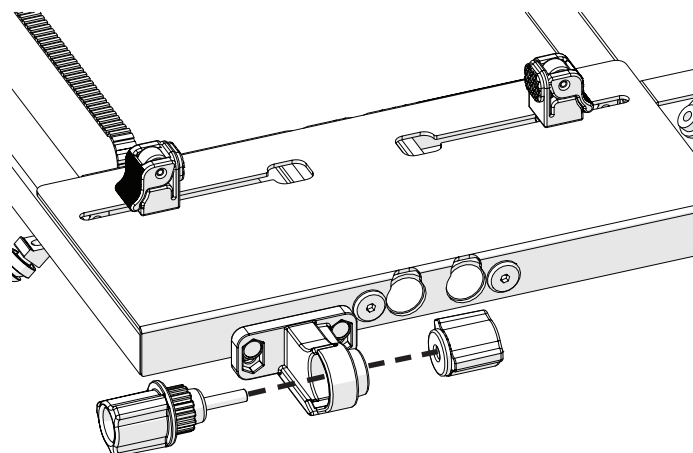
- 3 Attach one tensioner to the rear of the top plate so that the **curve** points up. Slide the two **M6 x 10 mm hex bolts** through the tensioner into the holes in the top plate.



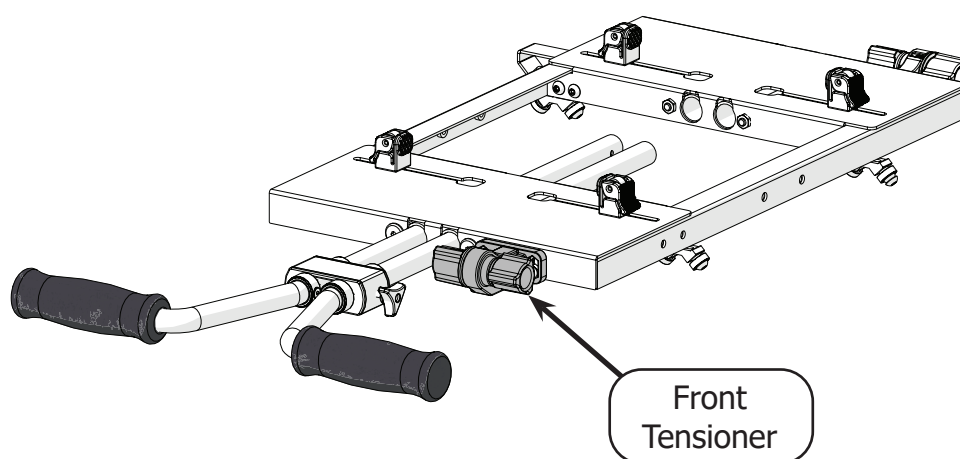
- 4 Secure the tensioner with two **M6 hex nuts**. Tighten with the 10 mm open-end wrench.



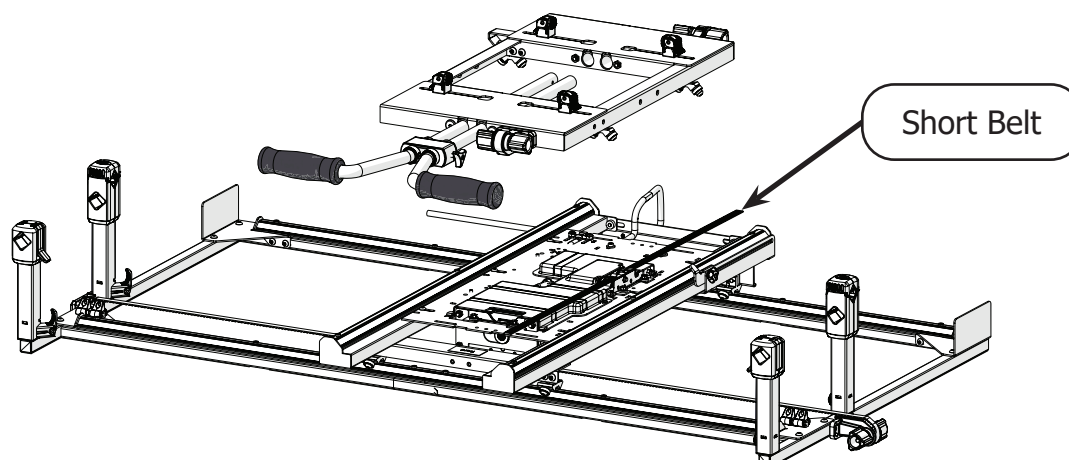
- 5 Screw the tensioner knobs back onto the tensioner.



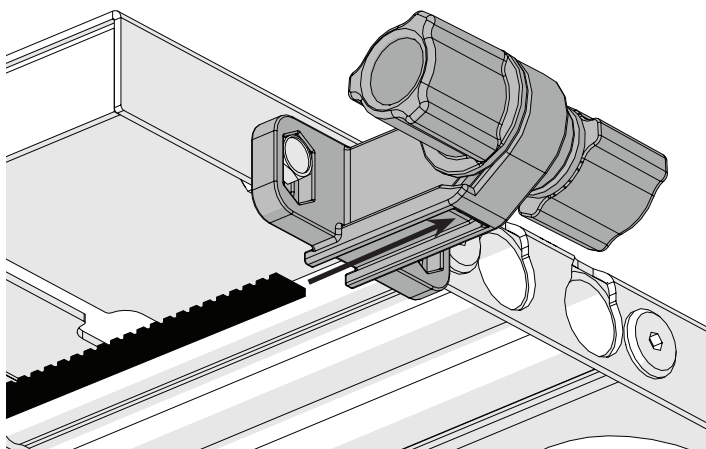
- 6 Repeat steps 3-5 for the other **tensioner** on the front of the top plate.



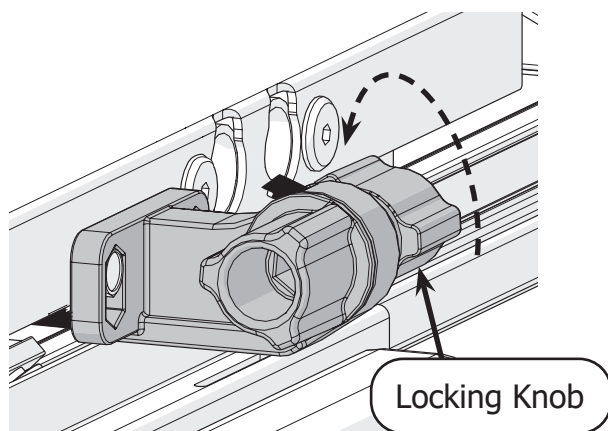
- 7 Unwrap the **short belt** and spread it across the top of the motor plate. Then place the top plate onto the bottom carriage.



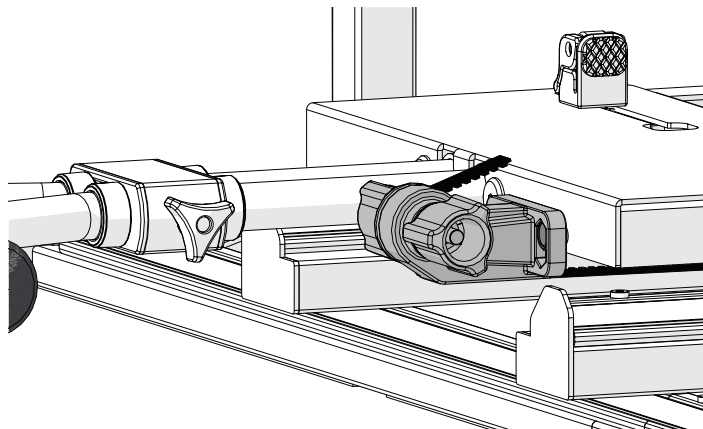
- 8 Feed the end of the short belt into the slot on the bottom of the belt tensioner at the rear of the top plate.



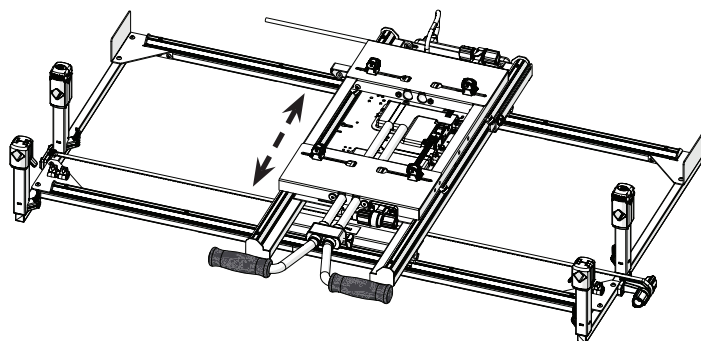
- 9 Turn the ratchet knob to pull the belt through until it sticks out of the top of the tensioner. Turn the **locking knob** clockwise to lock it in place.



- 10 Repeat steps 8-9 for the front tensioner. Turn the ratchet knob until the belt is tight and then lock it in place with the locking knob.



- 12 Slide the top plate slowly across the bottom carriage and check for bowing along the length of the belt. If there is bowing, try detaching and reinstalling the belt tensioner (steps 1-3).



Congratulations! You have completed Part Two of this manual.

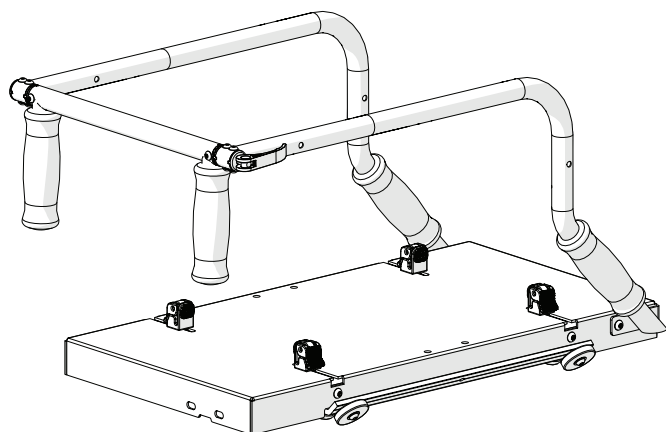
If you're setting up QuiltMotion on a new frame, complete the steps in Part Two of your frame's instruction manual. If your frame manual is not broken into parts, follow the directions to:

1. Install and prepare the sewing machine.
2. Install and adjust the rails.
3. Adjust the carriage stop (not on all Cutie frame models).
4. Continue to Part Three of this manual on page 133.

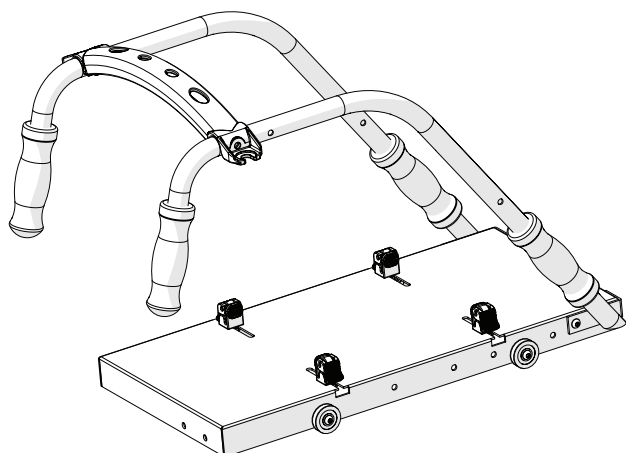
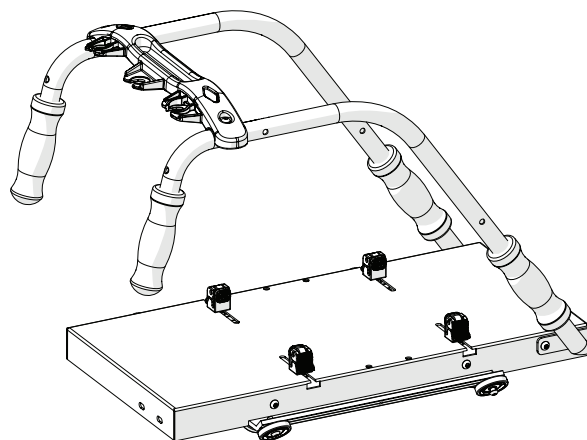
If your frame was already fully assembled:

1. Re-install your sewing machine.
2. Re-install and adjust the rails.
3. Adjust the carriage stop (not on all Cutie frame models).
4. Continue to Part Three of this manual on page 133.

G-Series 1, G-Series 2, & Pro Top Plates



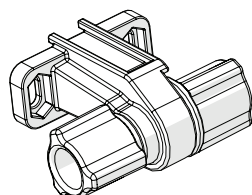
1. Complete the steps in Part Two and Three of your frame's manual. If the frame manual is not broken in to parts, follow the directions to:
 - Install and adjust the rails.
 - Install the bungee clamps (if applicable).



Task 6: Tension the Short Belt

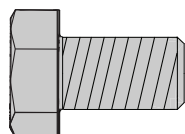
Parts & Tools Needed:

Belt Tensioner (x2)



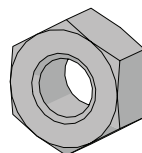
(Box R)

Hex Bolt
M6 x 10 mm (x4)



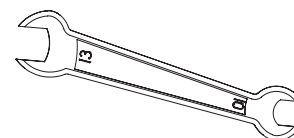
(Box S)

Hex Nut M6 (x2)



(Box S)

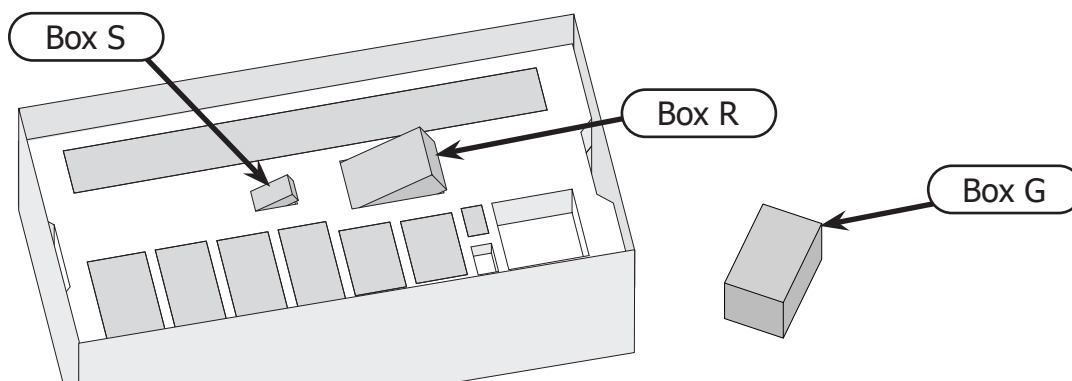
Open-end Wrench
10 mm & 13 mm



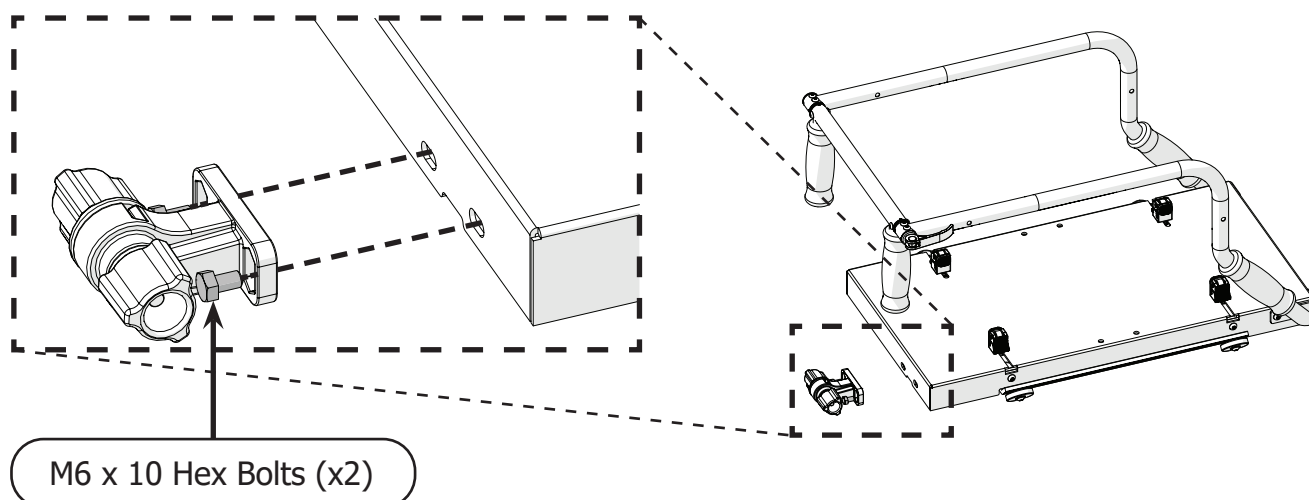
Instructions

The short belt allows QuiltMotion to move front and back across the bottom carriage. Take the following steps to tension the short belt across the carriage:

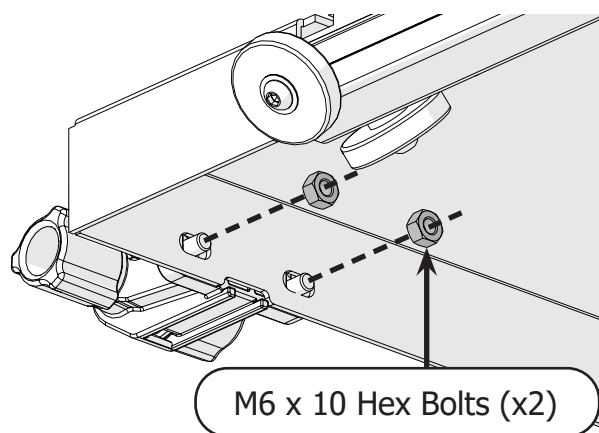
- 1 Open **box R** and **box S** to find the parts needed for this step. The open-end wrench may still be in **box G**.



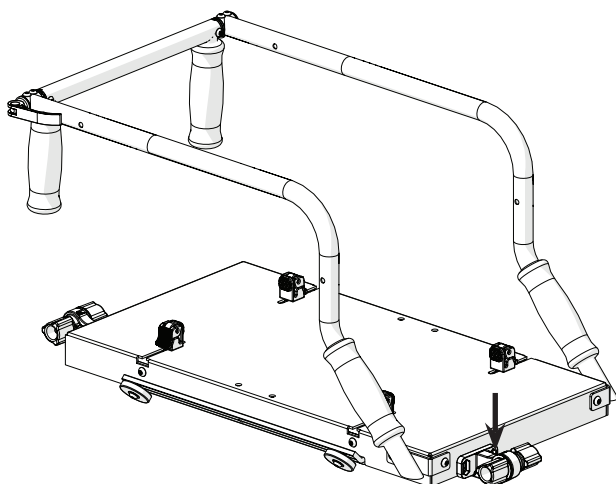
- 2 Attach one of the tensioners to the front of the top plate using two **M6 x 10 hex bolts**.



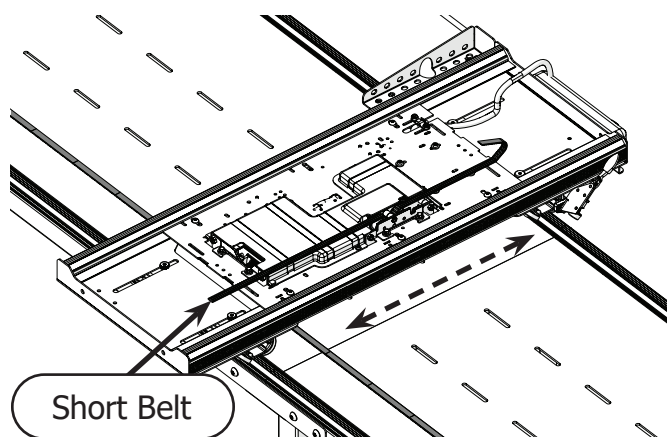
- 3 Tighten the tensioner in place using two **M6 hex nuts** and the 10 mm open-end wrench.



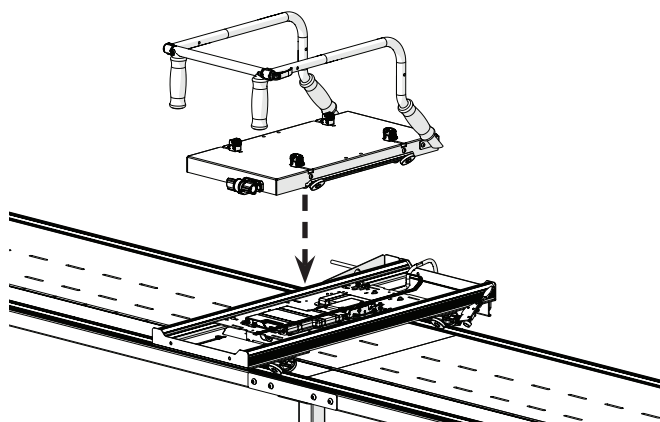
- 4 Repeat steps 2-3 using the other tensioner, two M6 x 10 hex bolts and two M6 nuts.



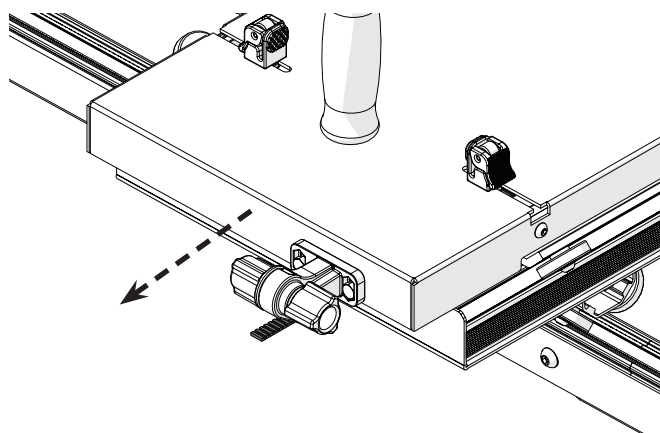
- 5 Cut the tape binding the **short belt** and unroll the belt across the top of the bottom carriage.



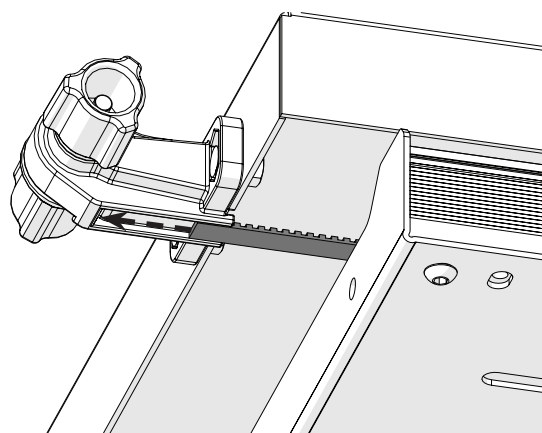
- 6 Place the top plate on top of the bottom carriage.



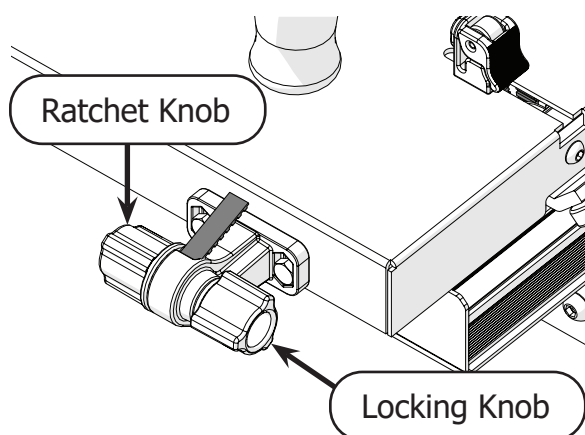
- 7 Pull the short belt and the top plate forward until they are past the front edge of the bottom carriage.



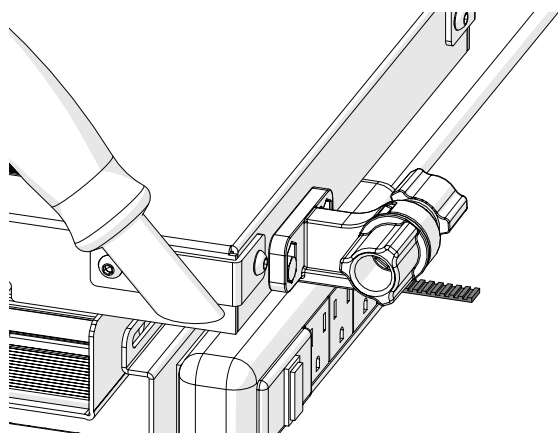
- 8 Feed the end of the short belt into the slot underneath the tensioner.



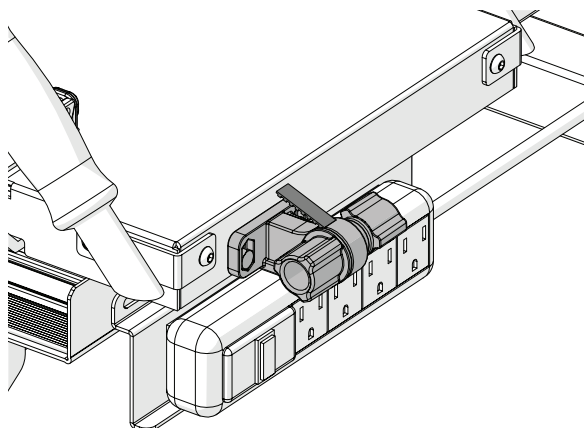
- 9 Turn the **ratchet knob** to pull belt through the tensioner. Turn the **locking knob** to lock it into place.



- 10 Pull the top plate and the other end of the short belt until they are past the rear of the bottom carriage.



- 11 Repeat steps 8-9 for the rear tensioner. Turn ratchet knob until belt is tight before locking into place.



Congratulations! You have completed Part Two of this manual.

If you're setting up QuiltMotion on a new frame:

1. Complete the steps in your top plate instructions in install and prepare your sewing machine.
2. Complete the steps in Part Two and Three of your frame's manual. If the frame manual is not broken in to parts, follow the directions to:
 - Install and adjust the rails.
 - Install the bungee clamps (if applicable).
 - Level your frame.
3. Continue to Part Three of this manual on page 133.

If your frame was already fully assembled:

1. Re-install and your sewing machine.
2. Re-install your frame rails and adjust them if needed.
3. Continue to Part Three of this manual on page 133.

Part Three

Progress Checkpoint

Have you (quilting machine users):

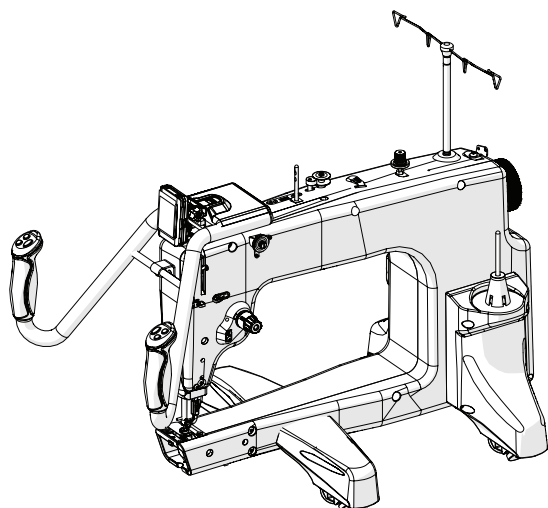
- Installed the channel lock on your quilting machine?
- Installed the wheel covers on your quilting machine (if applicable)?
- Installed the handlebars on your quilting machine (if applicable)?
- Installed the display on your quilting machine?
- Installed the thread mast on your quilting machine?
- Installed the upper encoder on your quilting machine?
- Installed the power cable on your machine.
- Installed and adjusted the frame rails?
- Installed the frame bungee cables (if applicable)?
- Leveled the frame.

Have you (domestic sewing machine users):

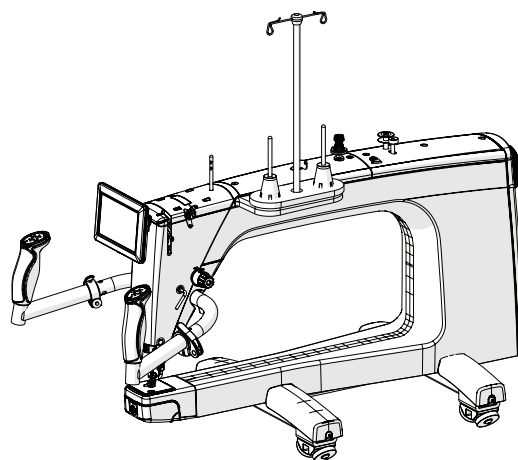
- Installed the channel lock on your top plate?
- Installed and secured your domestic sewing machine on the top plate?
- Installed and adjusted the frame rails?
- Installed the frame bungee cables (if applicable)?
- Leveled the frame.

If not, see your frame, machine, and top plate manuals for instructions on completing these steps before continuing on the next page.

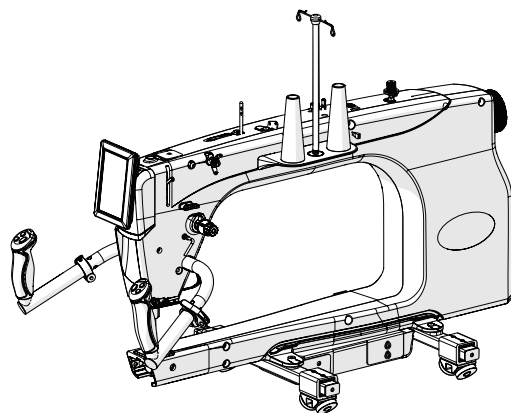
Choose Your Quilting Machine or Top Plate



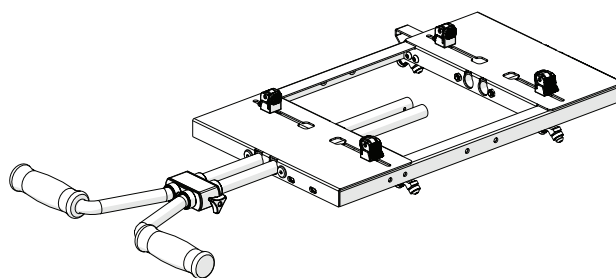
Q'nique 15
Turn to page 136



Q'nique 19
Turn to page 142

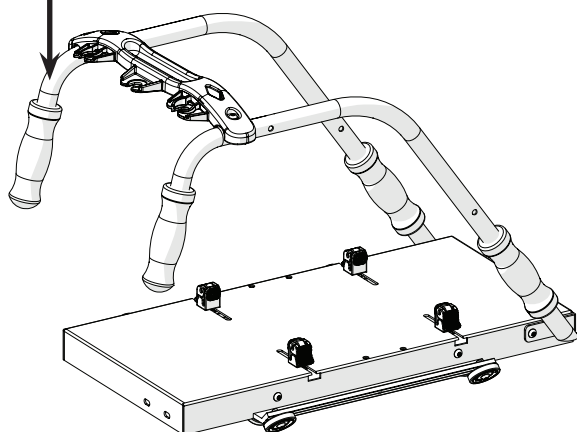


Q'nique 21
Turn to page 149



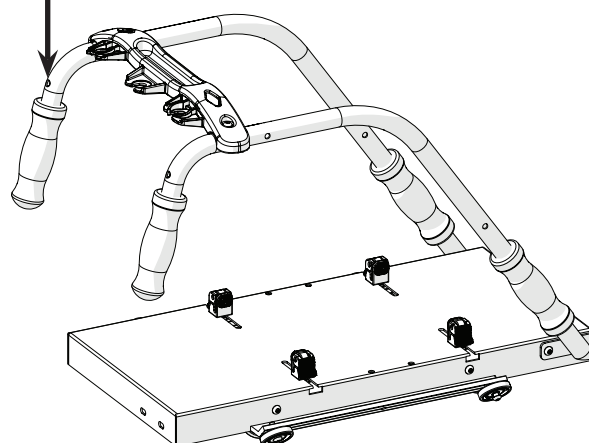
Cutie Frame Top Plate
Turn to page 154

Does not have holes
just above handles

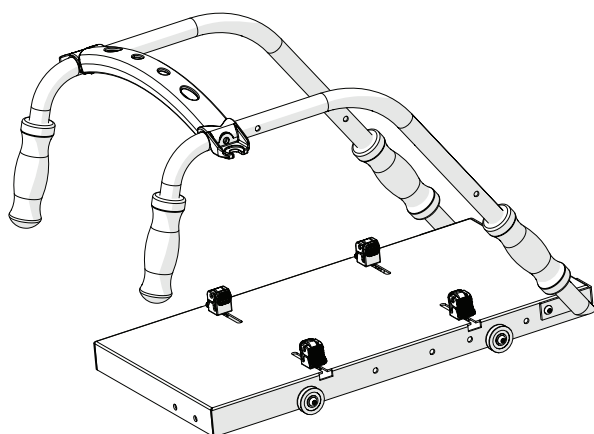


G-Series 1 Top Plate Rev 1
Turn to page 167

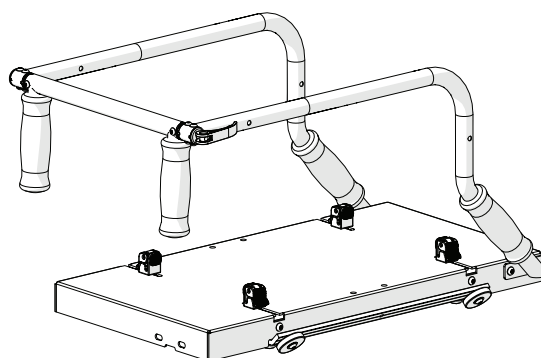
Has holes just
above handles



G-Series 1 Top Plate Rev 2
Turn to page 161

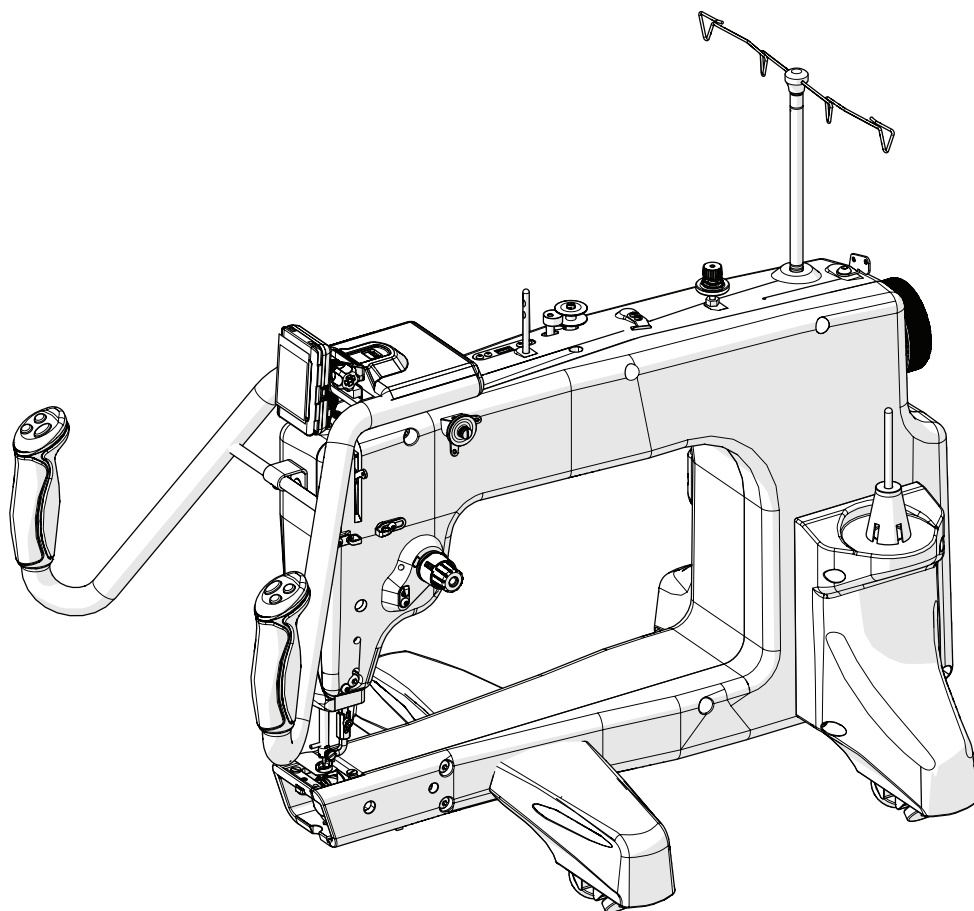


Pro Top Plate
Turn to page 167



G-Series 2 Top Plate
Turn to page 173

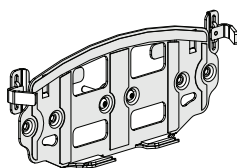
Q'nique 15 Series



Task 7: Install the Tablet Tray

Parts & Tools Needed:

Tablet Tray



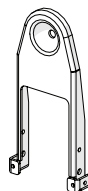
(box U)

M6 Knob



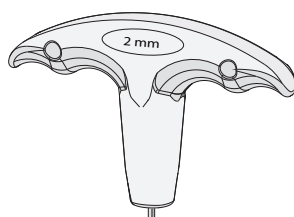
(box U)

QCT Bracket
Q'nique 15



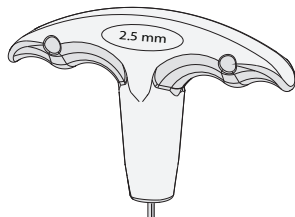
(box X)

T-handle Allen
Wrench 2 mm



(box G)

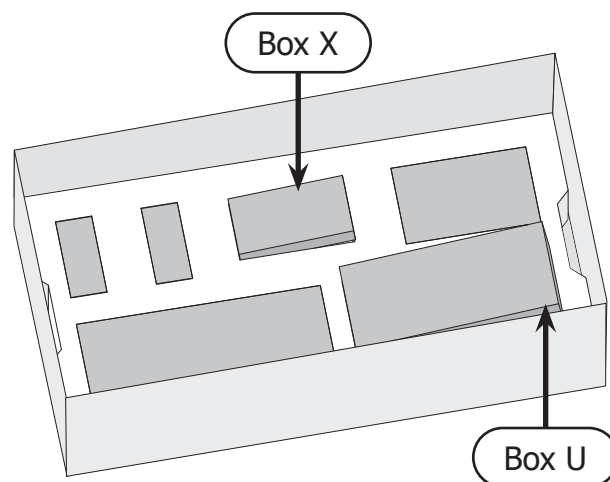
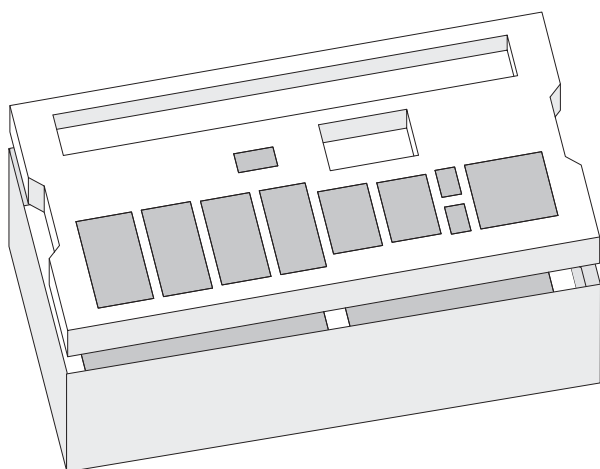
T-handle Allen
Wrench 2.5 mm



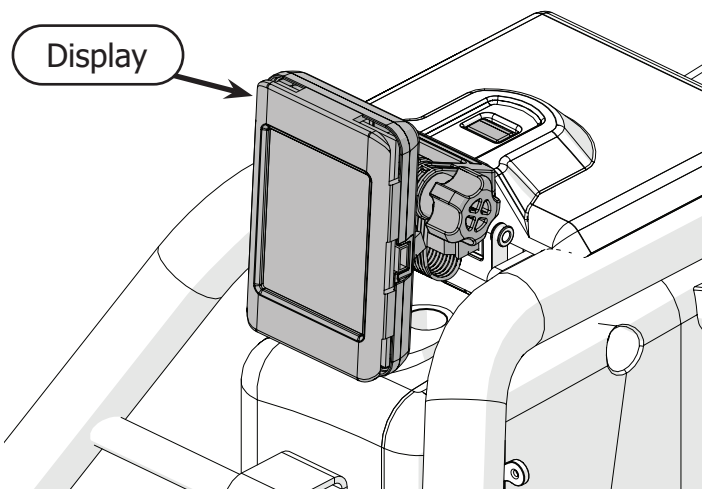
Instructions

Take the following steps to correctly attach your tablet to your machine:

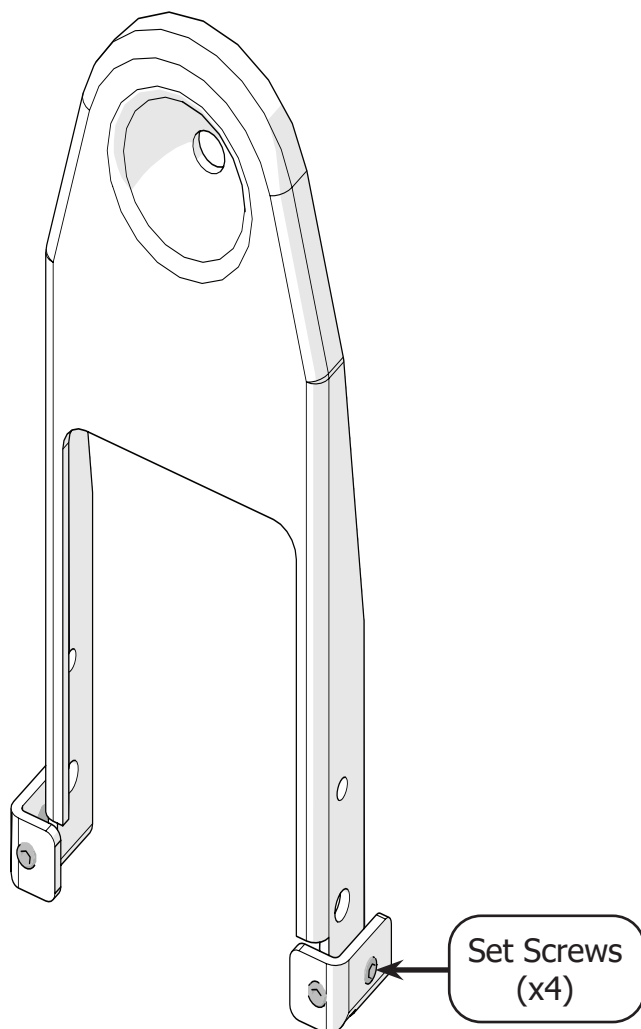
- 1 Remove second layer of packaging.
- 2 Open **box U** and **box X** to find the parts needed for this step.



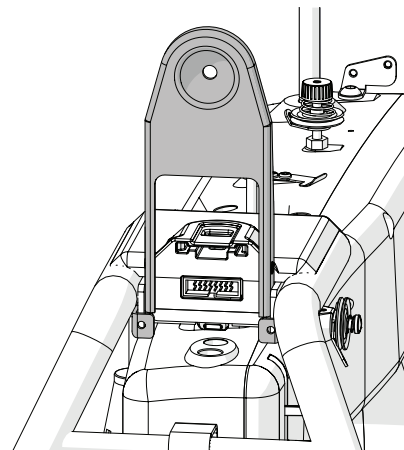
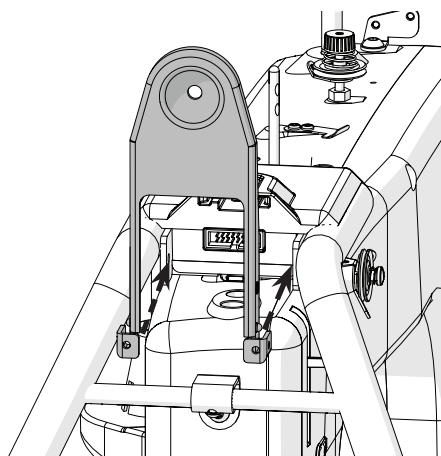
- 3 Unplug the **display** and set it aside.



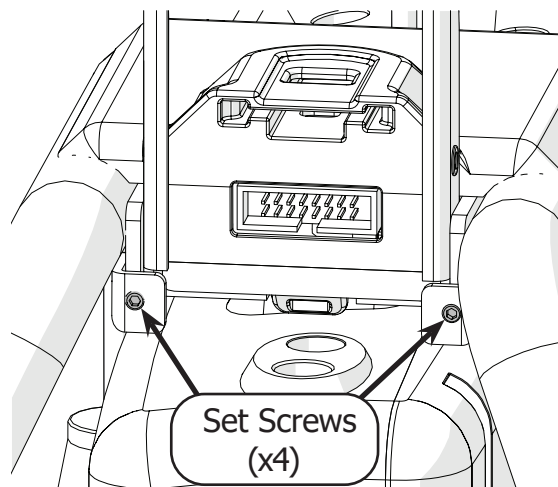
- 4 Loosen the four **set screws** on the QCT Bracket Q'nique 15 with the 2 mm Allen wrench.



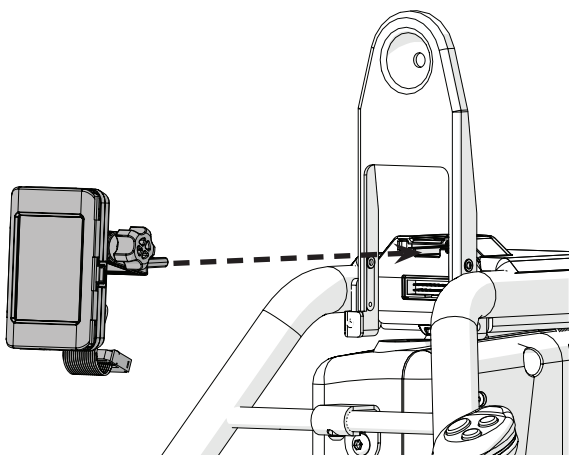
- 5 Press the QCT bracket Q'nique 15 onto the metal mounts under the handlebars. The tabs on the side of the bracket must slide through the holes on the mounts. If needed, use a flat-head screwdriver to push in the tabs.



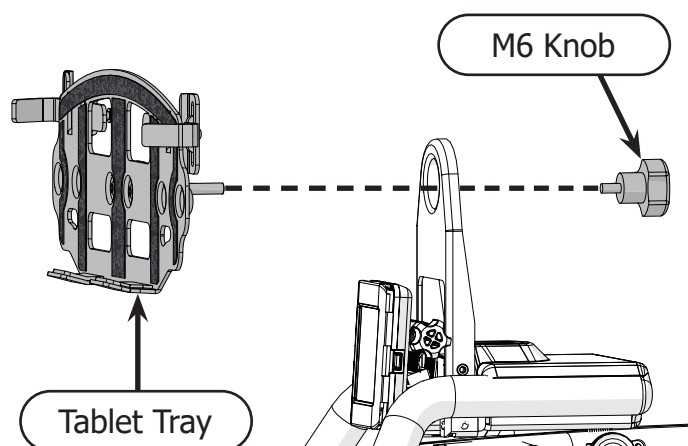
- 6 Use the 2 mm Allen wrench to tighten all four **set screws**.



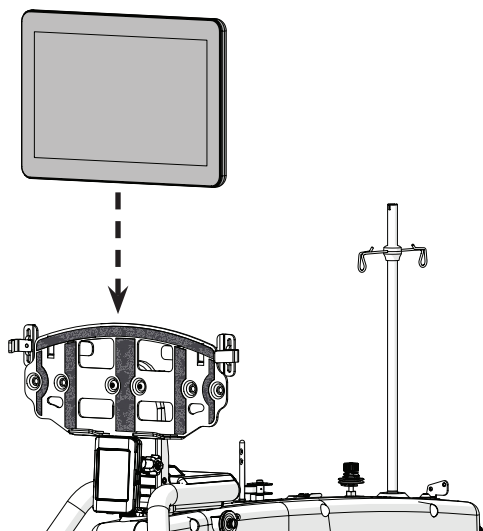
- 7 Reinstall the display by inserting the ribbon cable and then the clip.



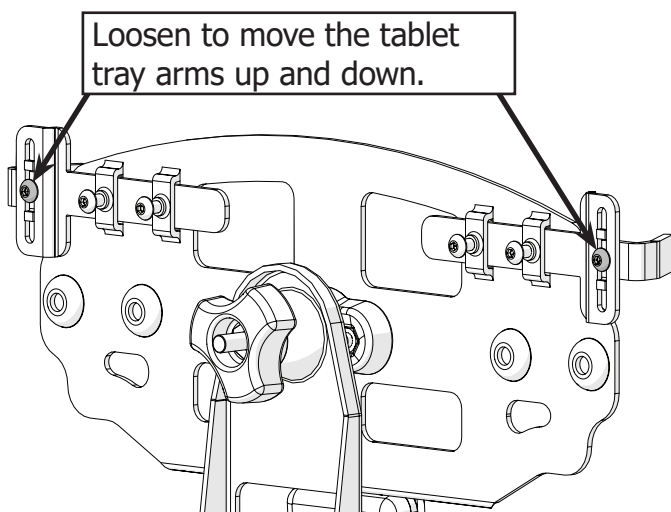
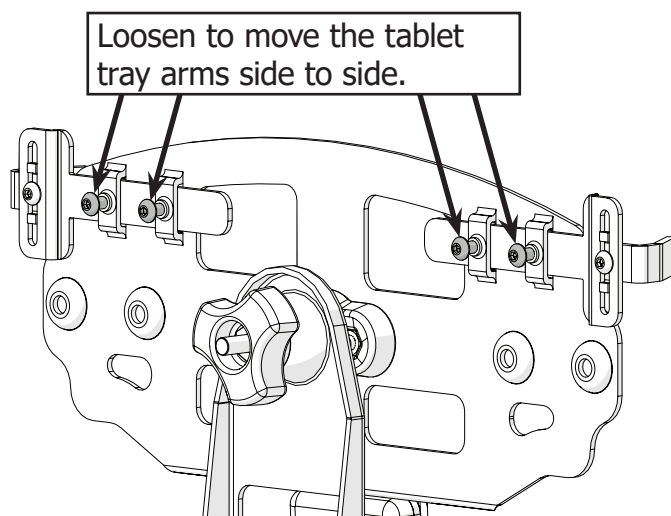
- 8 Slide the long bolt on the **tablet tray** through the hole in the QCT bracket and screw on the **M6 knob**.



- 9 Slide your tablet into the tray.



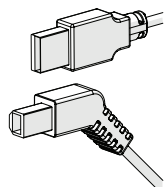
- 10 If needed, adjust the tray to fit your tablet. Loosen the M4 x 10 mm SBHCS with the 2.5 mm Allen wrench to adjust the tray arms.



Task 8: Attach the Cables

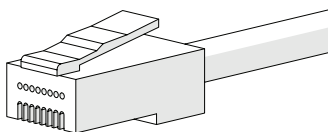
Parts & Tools Needed:

7' QuiltMotion
USB Cable



(box A)

6P/6C QuiltMotion
Cable

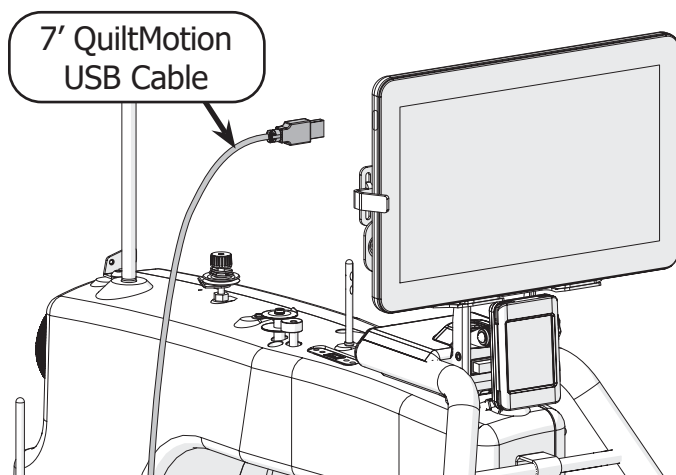


(box A)

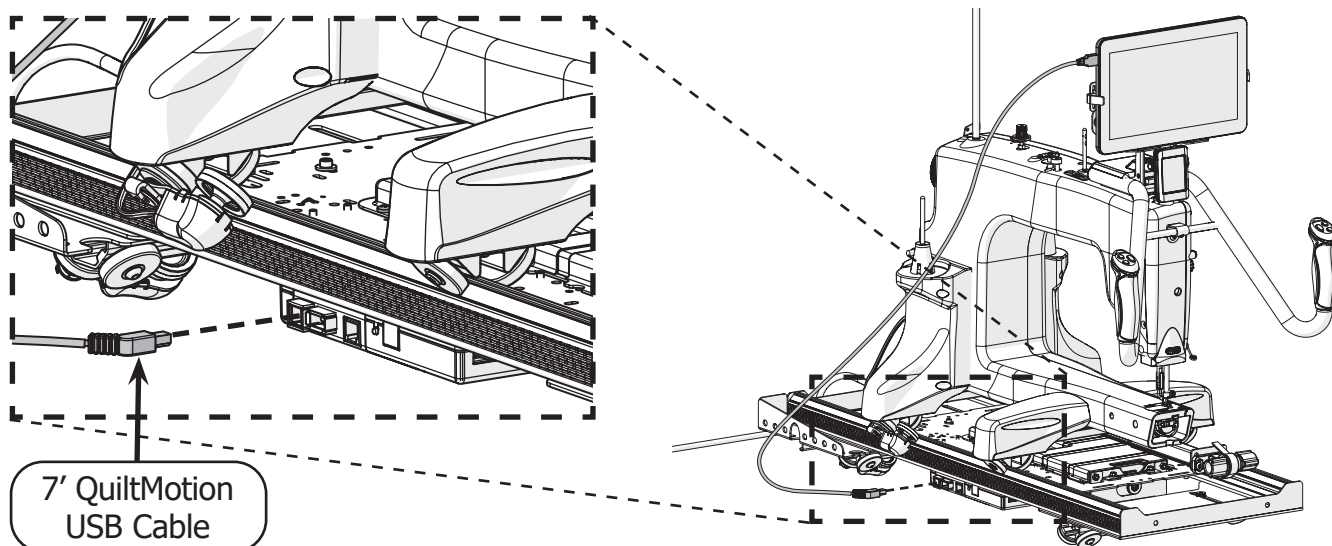
Instructions

Take the following steps to correctly attach the cables to your machine, motor plate, and tablet:

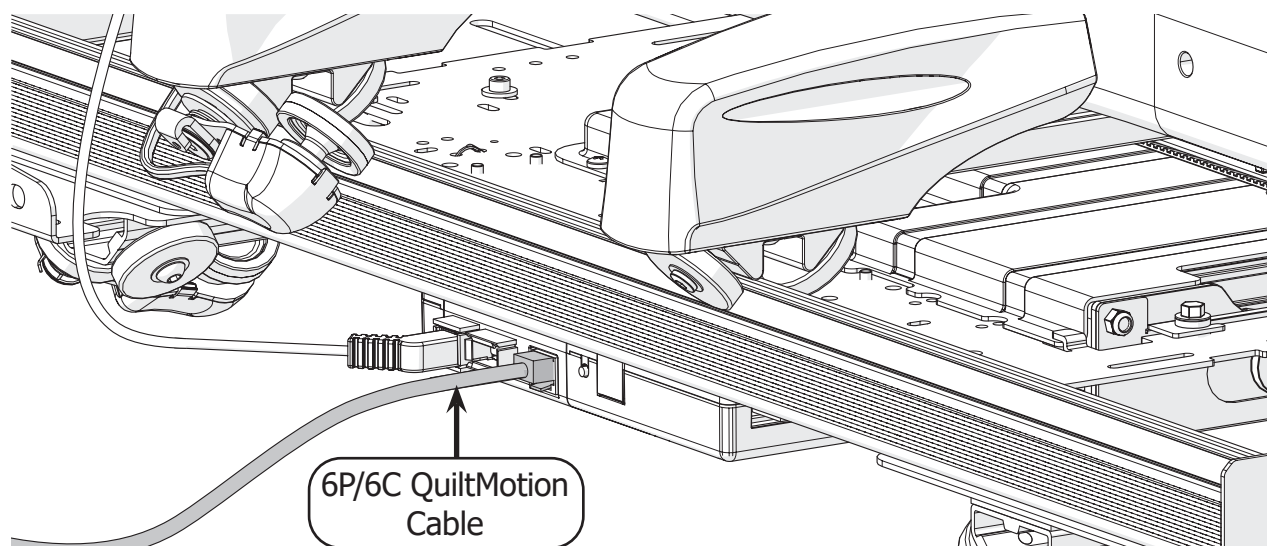
- 1 Remove the cables from box A. This box was set aside at the beginning of the assembly tasks.
- 2 Connect the **7' QuiltMotion USB cable** to your tablet.



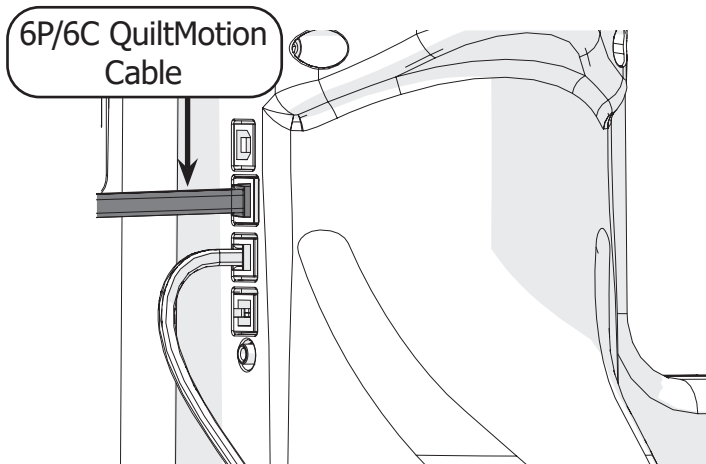
- 3 Plug the **7' QuiltMotion USB cable** into the motor plate control box.



- 4 Connect one end of the **6P/6C QuiltMotion cable** to the motor plate.

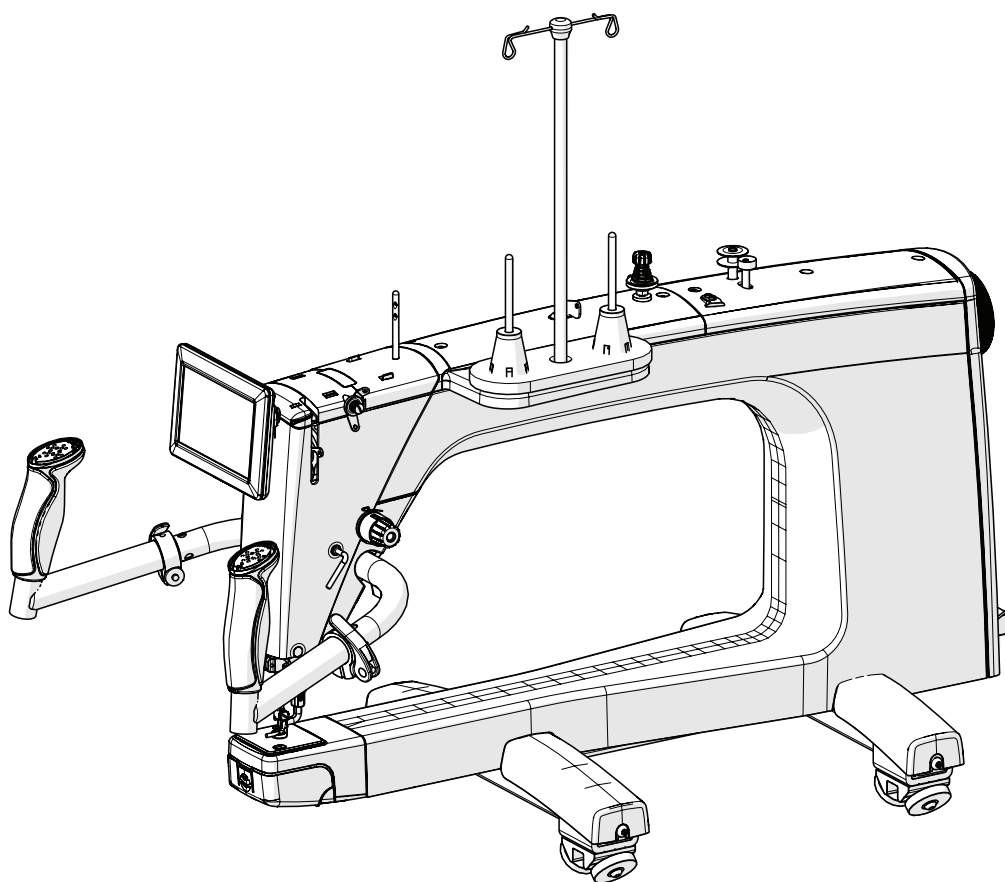


- 5 Connect the other end of the **6P/6C QuiltMotion cable** to the blue port at the back of the machine.



Turn to "Task 9: Cable Management" on
page 179.

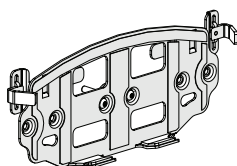
Q'nique 19 Series



Task 7: Install the Tablet Tray

Parts & Tools Needed:

Tablet Tray



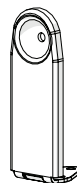
(box U)

M6 Knob



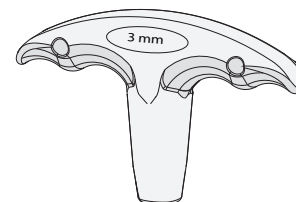
(box U)

QCT Bracket
Q'nique 19



(box Y)

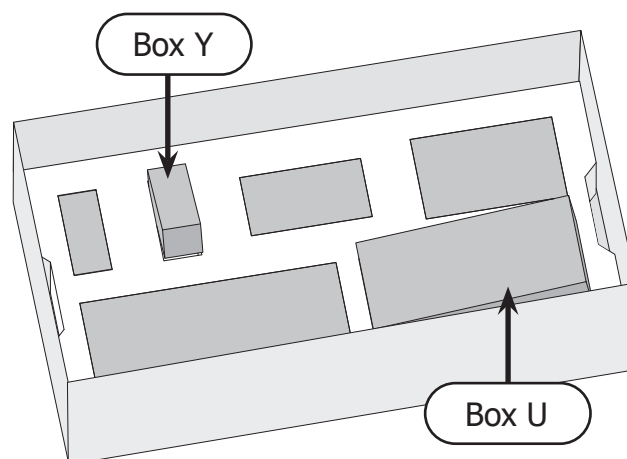
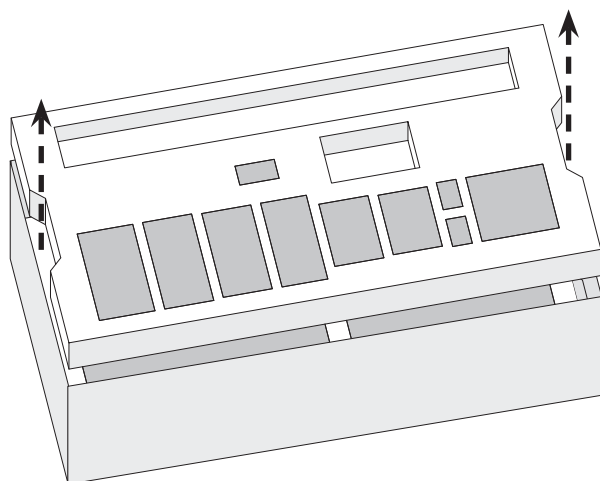
T-Handle Allen
Wrench 3 mm



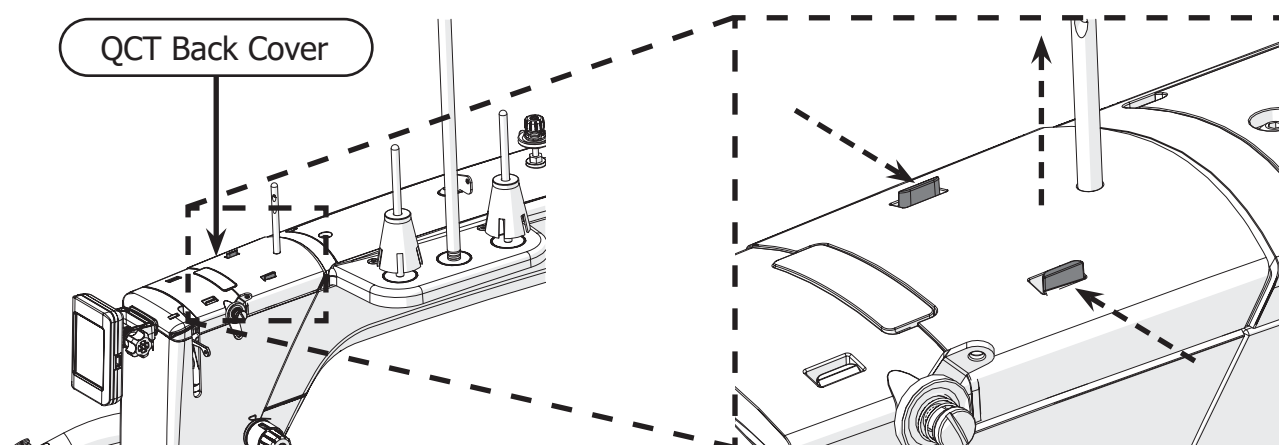
Instructions

Take the following steps to correctly attach your tablet to your machine:

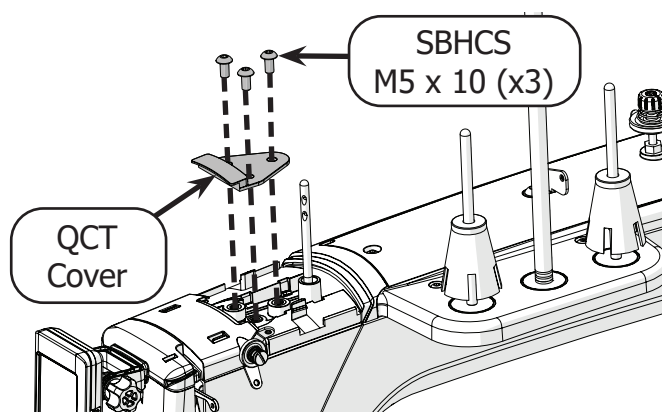
- 1 Remove second layer of packaging.
- 2 Open **box U** and **box Y** to find the parts and tools needed for this step.



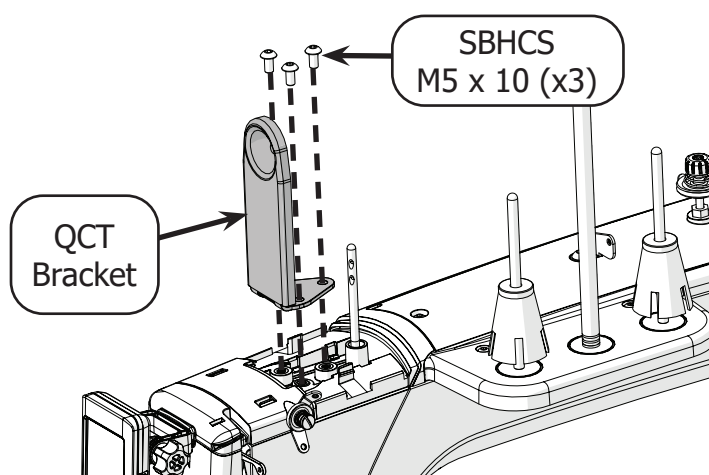
- 3 Remove the **QCT back cover** by pressing in on the two tabs in front of the thread guide rod and lifting the cover.



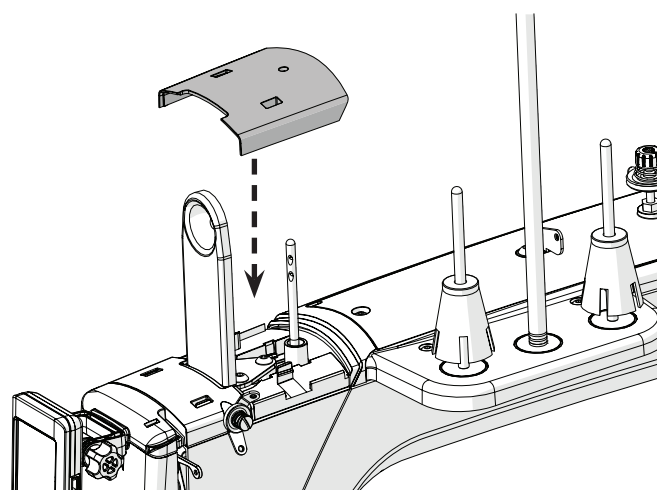
- 4 Use the 3 mm Allen wrench to remove the three **M5 x 10 mm SBHCS** screws, and then take the **QCT cover** from the top of the quilting machine.



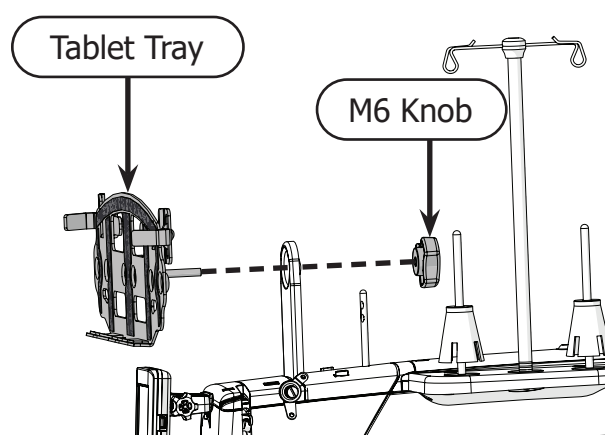
- 5 Use the three **M5 x 10 mm SBHCS** screws and 3 mm Allen wrench to attach the **QCT bracket** to the machine.



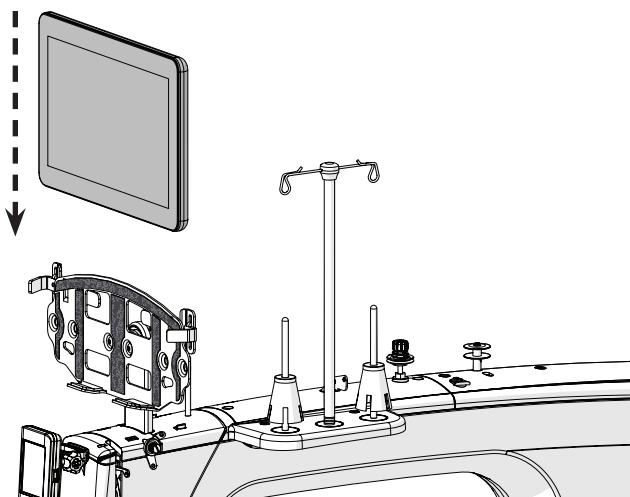
- 6 Replace the QCT back cover.



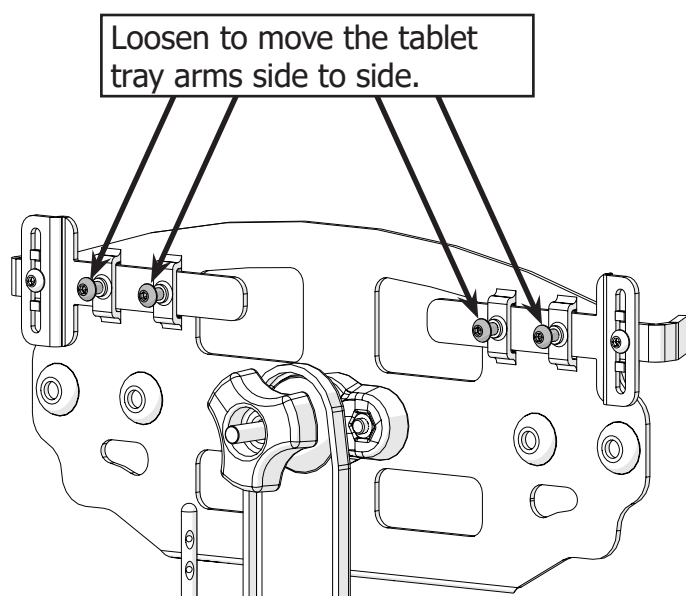
- 7 Slide the long bolt on the **tablet tray** through the hole in the QCT bracket, and screw on the **M6 knob**.



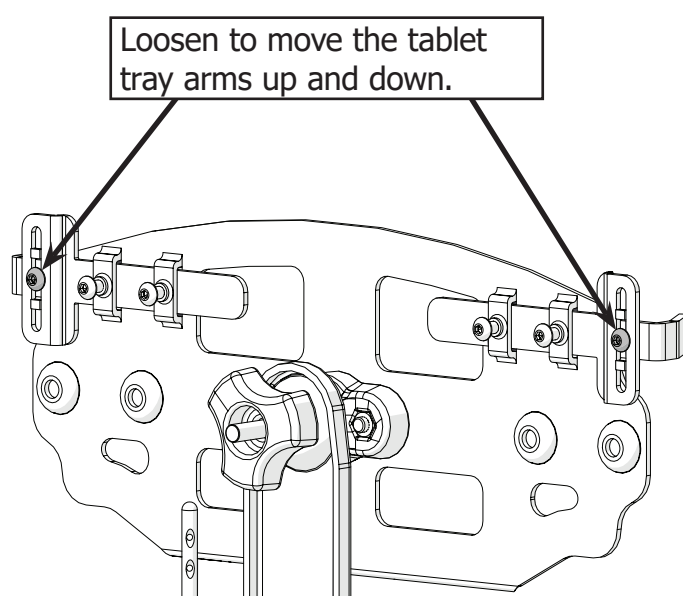
- 8 Slide your tablet onto the tray.



- 9 If needed, adjust the tray to fit your tablet. Loosen the M4 x 10 mm SBHCS screws with the 2.5 mm Allen wrench to adjust the tray arms.



Loosen to move the tablet tray arms side to side.

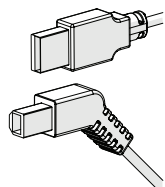


Loosen to move the tablet tray arms up and down.

Task 8: Attach the Cables

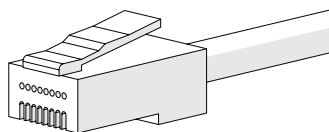
Parts & Tools Needed:

7' QuiltMotion
USB Cable



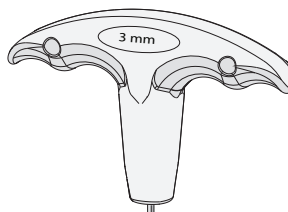
(box A)

6P/6C QuiltMotion
Cable



(box A)

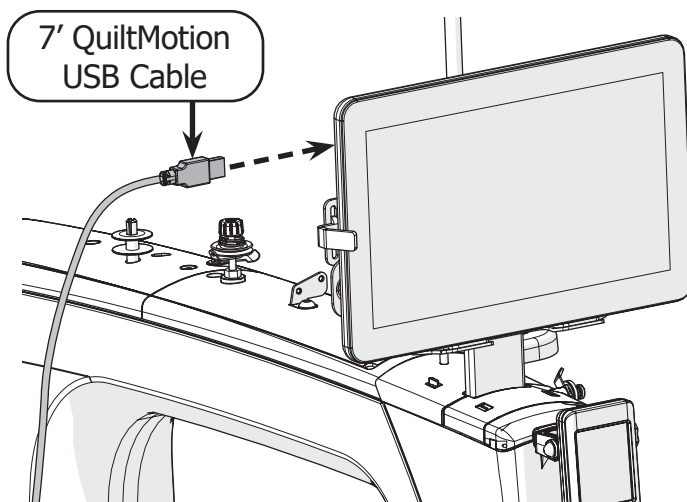
T-Handle Allen
Wrench 3 mm



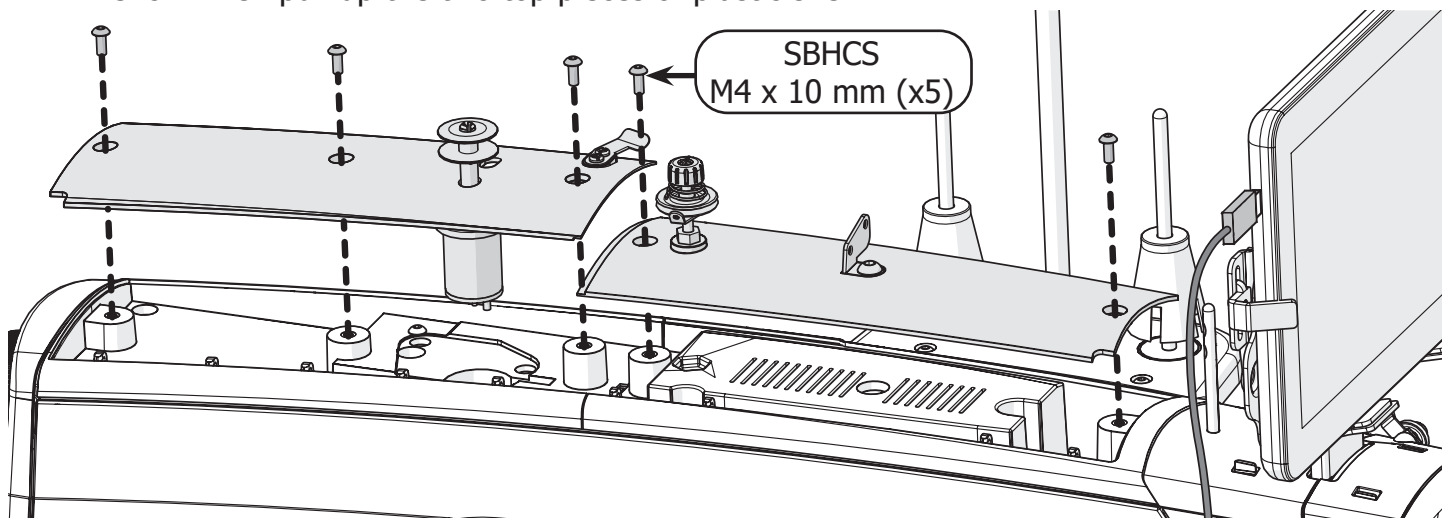
Instructions

Take the following steps to correctly attach the cables to your machine, motor plate, and tablet:

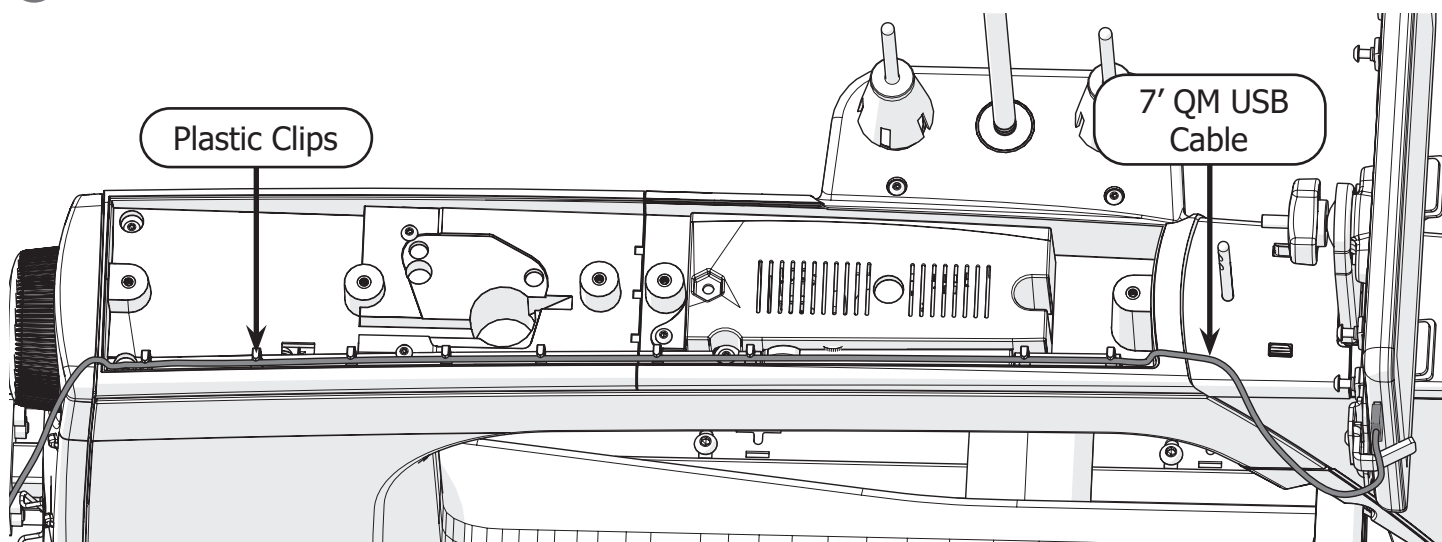
- 1 Remove the cables from box A. This box was set aside at the beginning of the assembly tasks.
- 2 Plug the USB end of the **7' QuiltMotion USB cable** into your tablet.



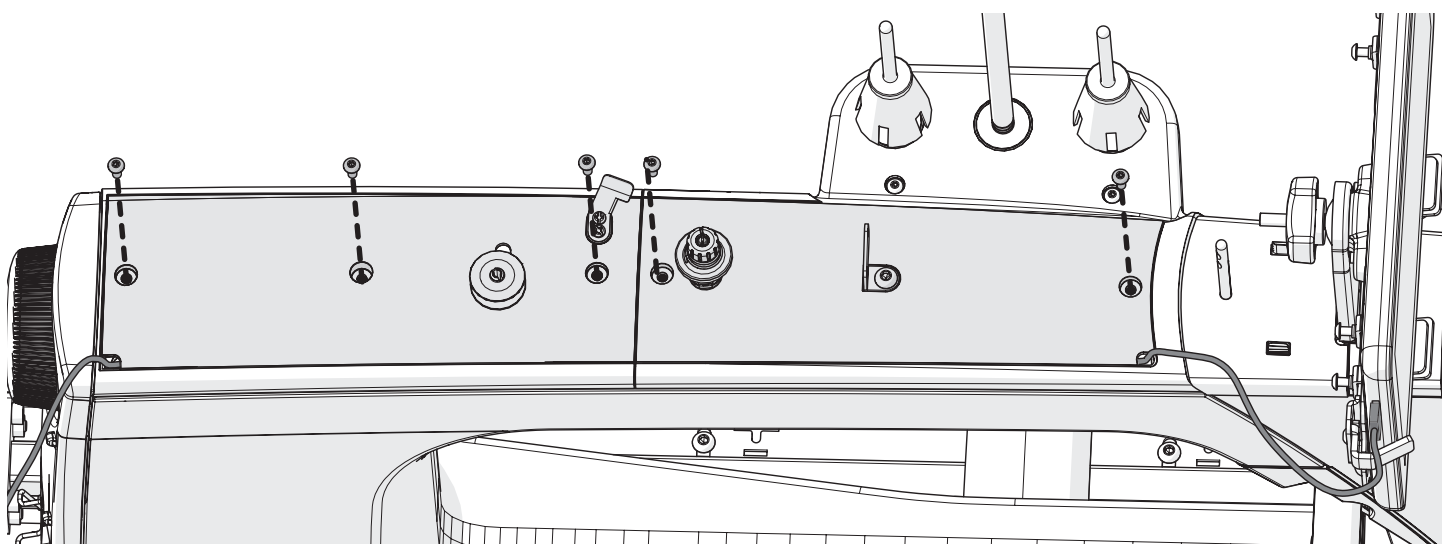
- 3 Unscrew the five **M4 x 10 mm SBHCS** screws from the top of the machine with the 3 mm Allen wrench. Then pull up the two top pieces of plastic shell.



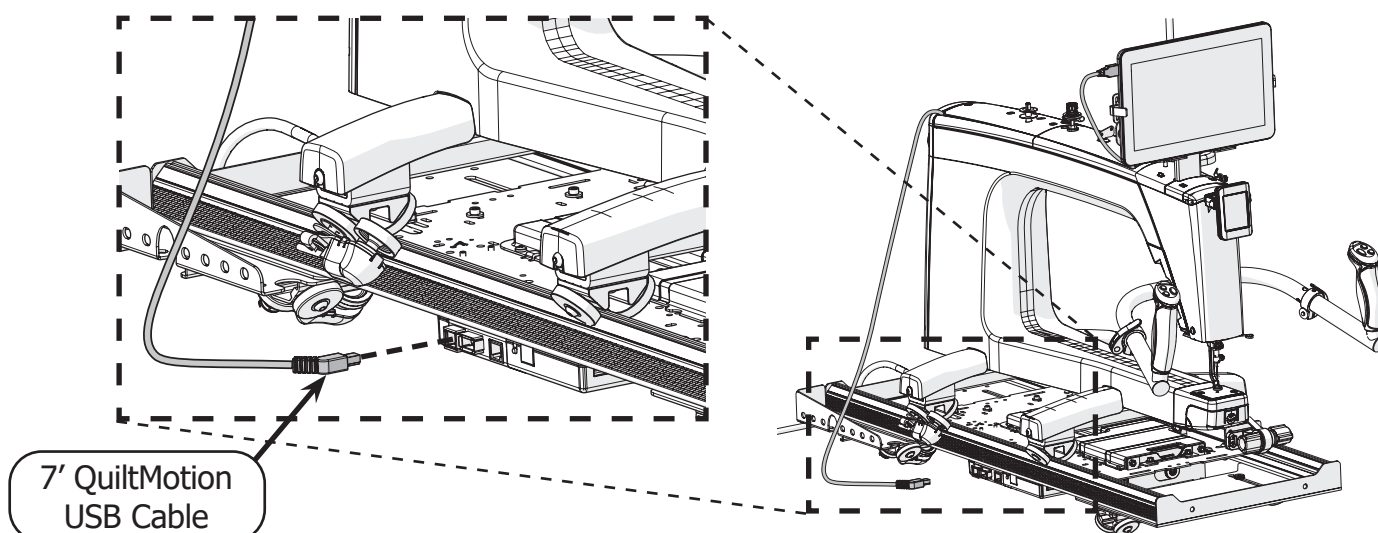
- 4 Run the **7' QM USB cable** across the machine, under the **plastic clips**.



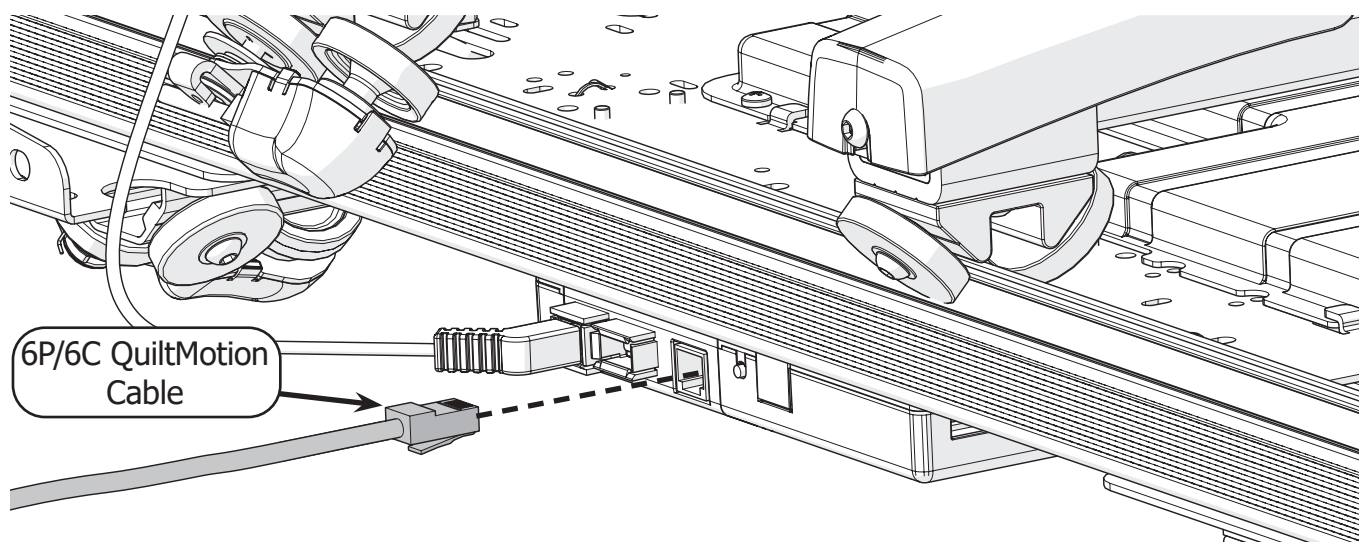
- 5 Re-install the plastic covers with five M4 x 10 mm SBHCS screws and the 3 mm Allen wrench.



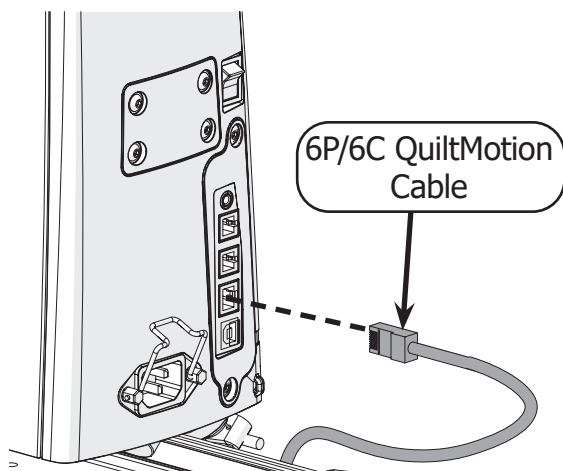
- 6 Plug the **7' QuiltMotion USB cable** into the motor plate.



- 7 Connect one end of the **6P/6C QuiltMotion cable** to the motor plate.

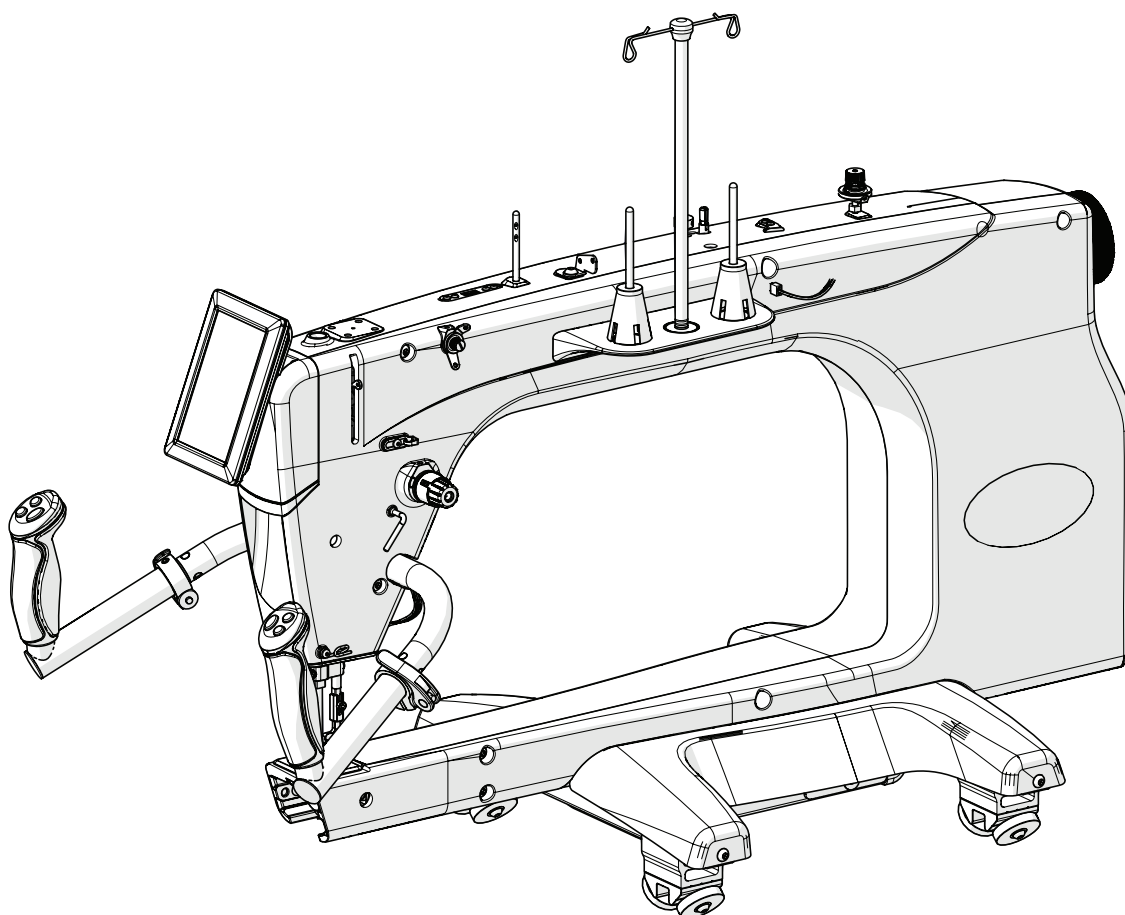


- 5 Connect the other end of the **6P/6C QuiltMotion cable** to the blue port at the back of the machine.



Turn to "Task 9: Cable Management" on page 179

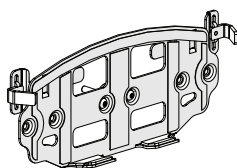
Q'nique 21 Series



Task 7: Install the Tablet Tray

Parts & Tools Needed:

Tablet Tray



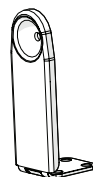
(box U)

M6 Knob



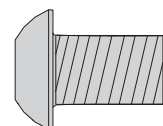
(box U)

QCT Bracket
Q'nique 21



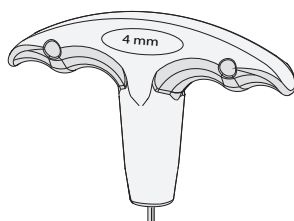
(box Z)

SBHCS
M6 x 10 (x4)

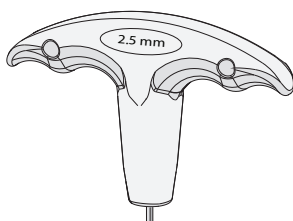


(box Z)

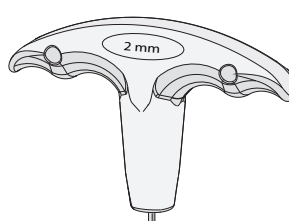
T-handle Allen
Wrench 4 mm



T-handle Allen
Wrench 2.5 mm



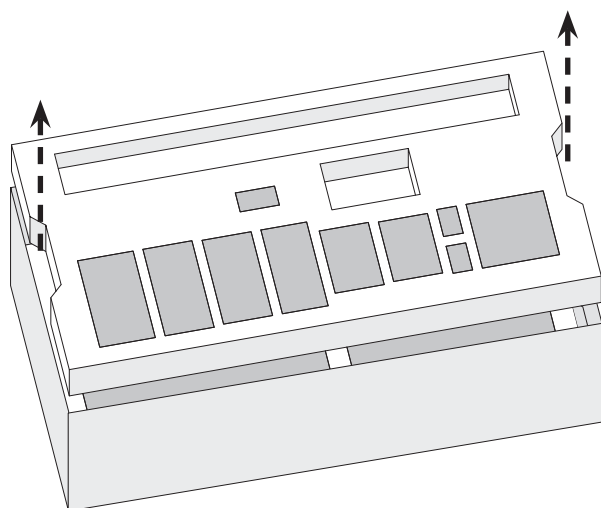
T-handle Allen
Wrench 2 mm



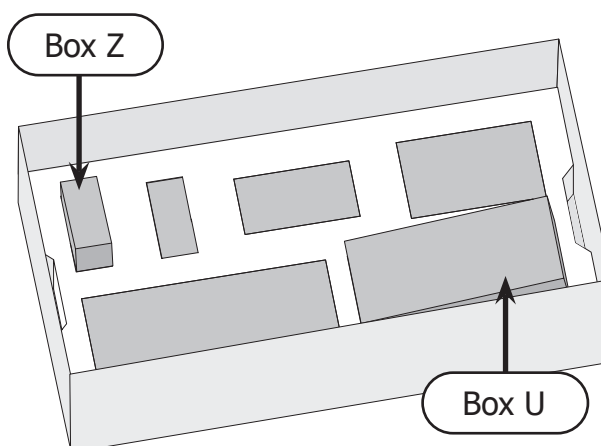
Instructions

Take the following steps to correctly attach your tablet to your machine:

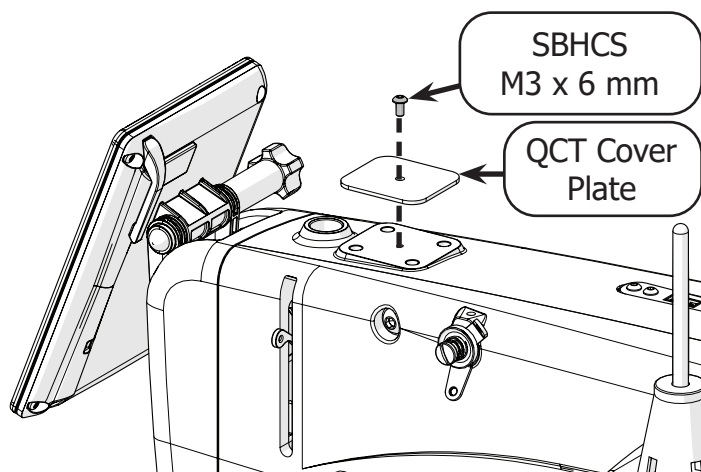
- 1 Remove second layer of packaging.



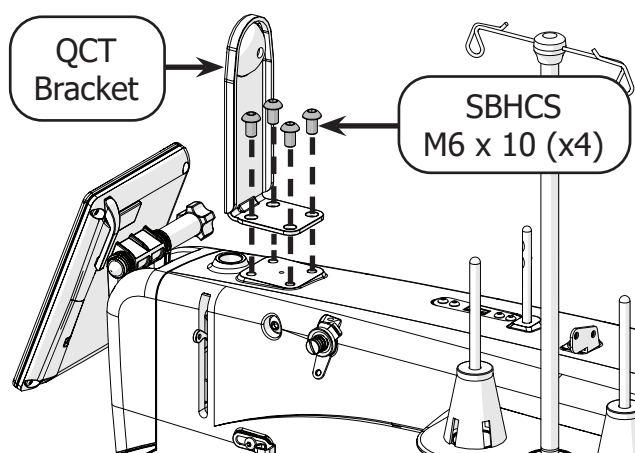
- 2 Remove **box U** and **box Z** from packaging.



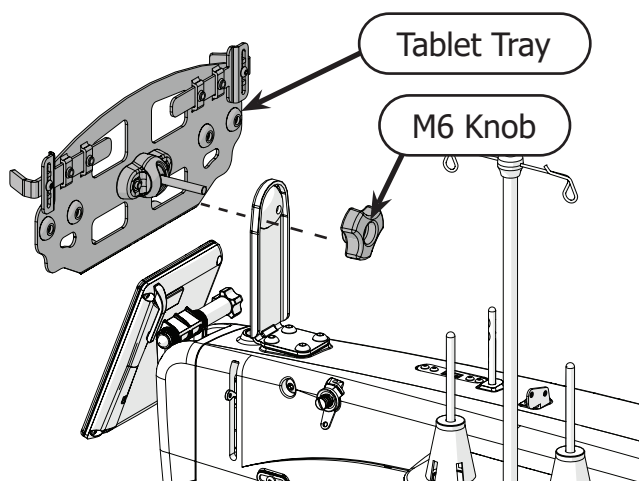
- 3 Use the 2 mm Allen wrench to remove the **M3 x 6 mm SBHCS** and **QCT cover plate** from the top of the machine.



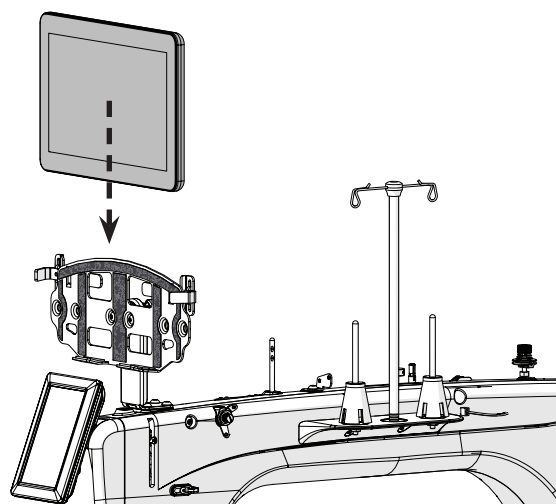
- 4 Attach the **QCT bracket** to the top of the machine using the four **M6 x 10 mm SBHCS** and the 4 mm Allen wrench.



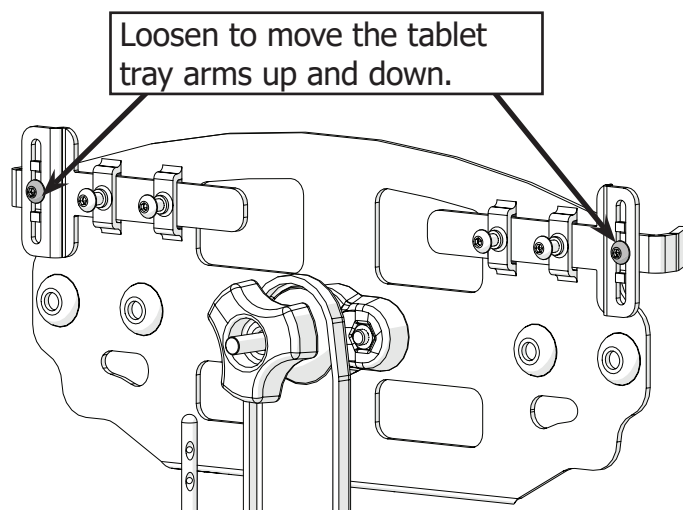
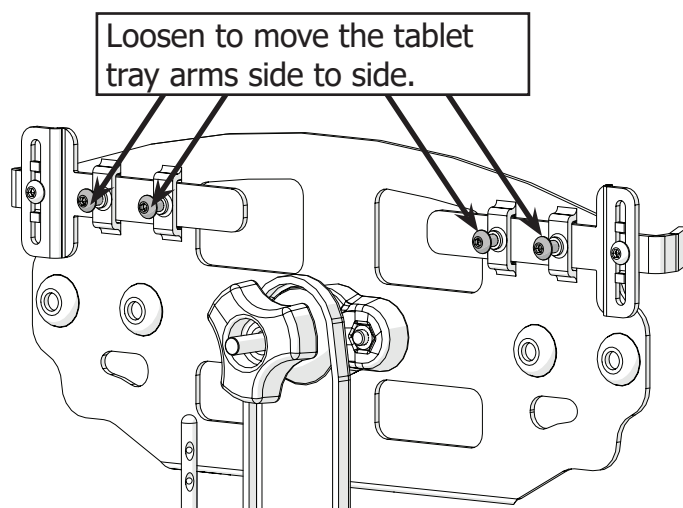
- 5 Slide the long bolt on the **tablet tray** through the hole in the QCT bracket, and screw on the **M6 knob**.



- 6 Slide your tablet onto the tray.



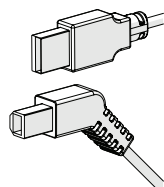
- 7 If needed, adjust the tray to fit your tablet. Loosen the M4 x 10 mm SBHCS screws with the 2.5 mm Allen wrench to adjust the tray arms.



Task 8: Attach the Cables

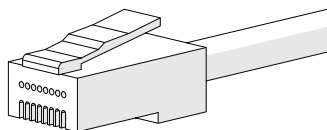
Parts & Tools Needed:

7' QuiltMotion
USB Cable



(box A)

6P/6C QuiltMotion
Cable

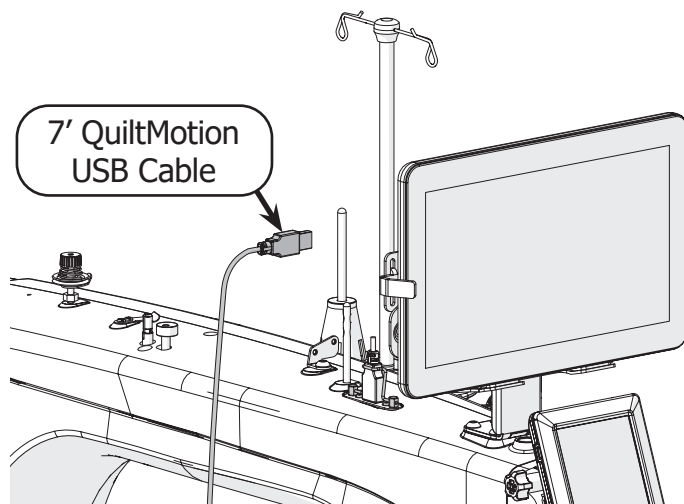


(box A)

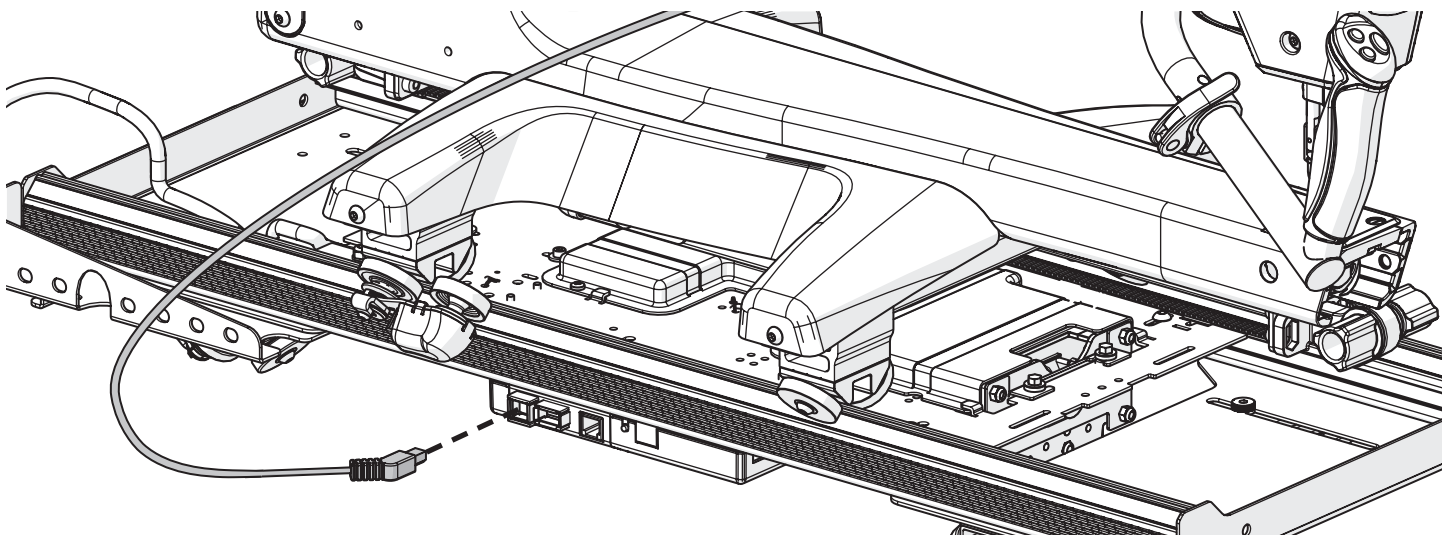
Instructions

Take the following steps to correctly attach the cables to your machine, motor plate, and tablet:

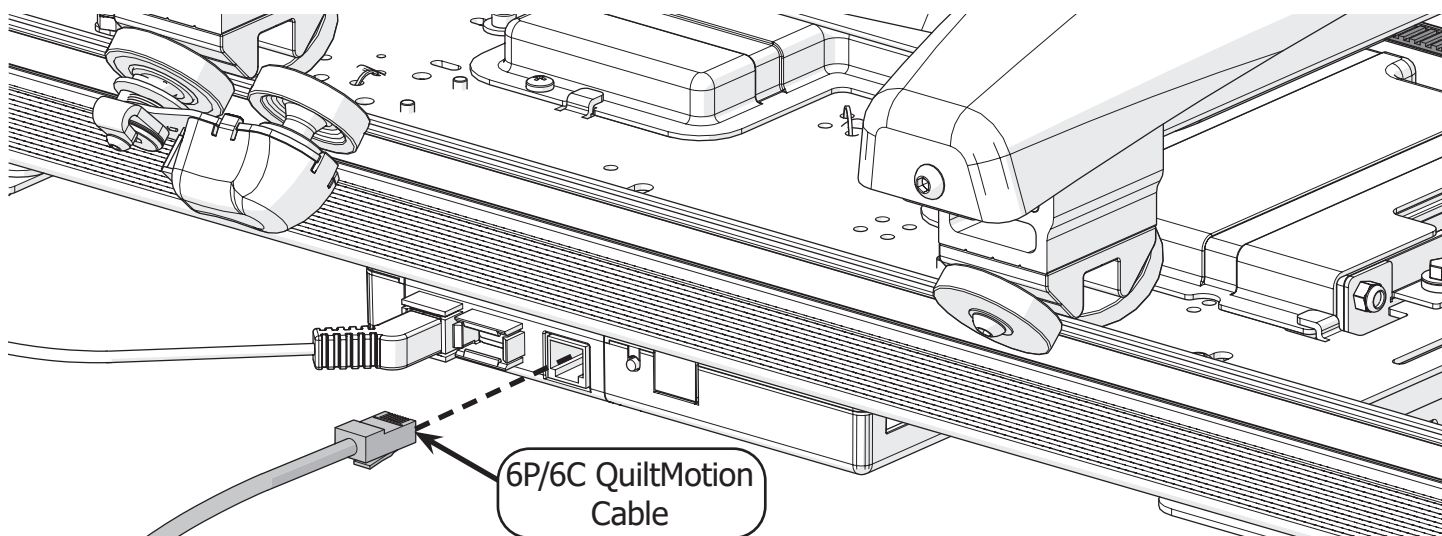
- 1 Remove the cables from box A. This box was set aside at the beginning of the assembly tasks.
- 2 Plug the USB end of the **7' QuiltMotion USB cable** into your tablet.



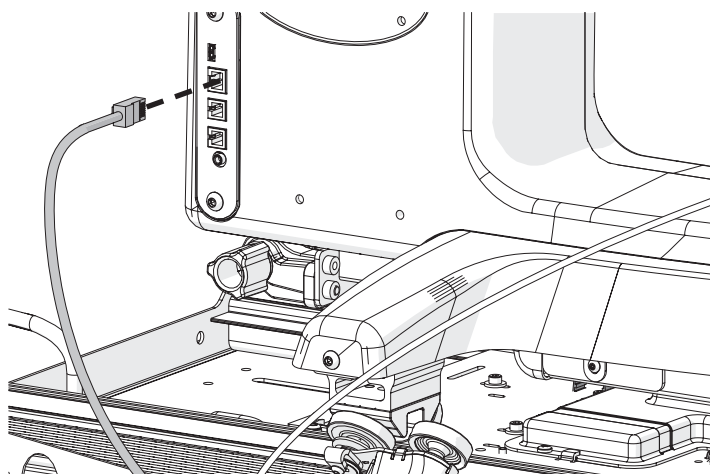
- 3 Plug the **7' QuiltMotion USB cable** into the motor plate.



- 4 Connect one end of the **6P/6C QuiltMotion cable** to the motor plate.

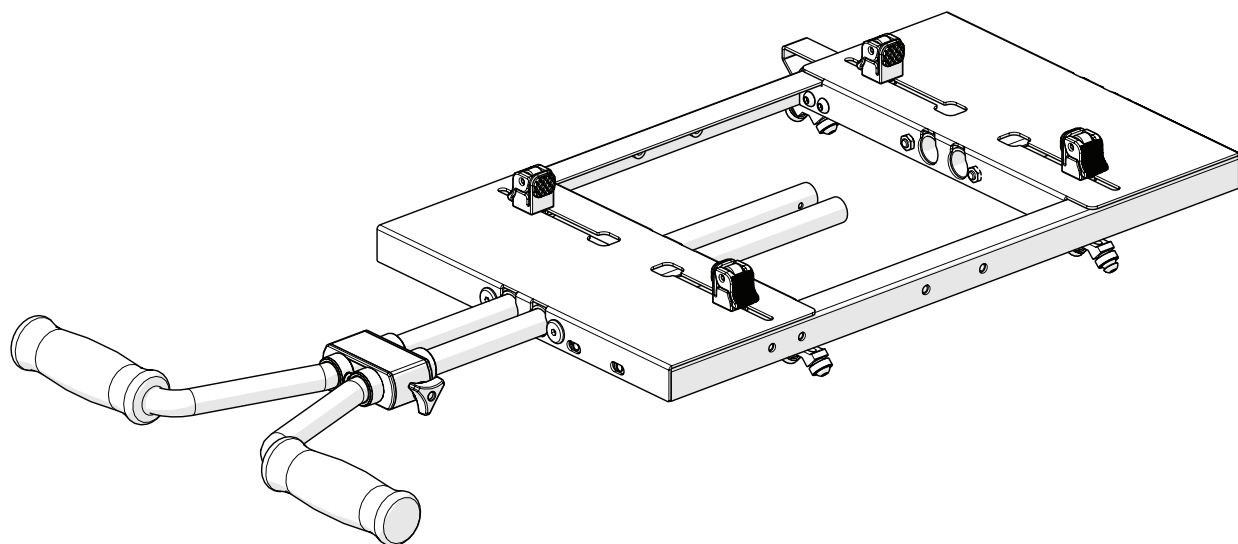


- 5 Connect the other end of the **6P/6C QuiltMotion cable** to the blue port on the back of the machine.



Turn to "Task 9: Cable Management" on page 179.

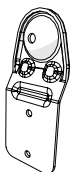
Cutie Frame Top Plate



Task 7: Install the QCT Tablet Tray

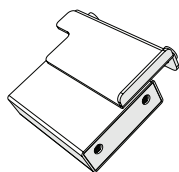
Parts & Tools Needed:

QCT Bracket
Top Plate



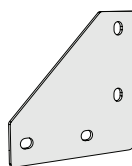
(box V)

Spacer Plate



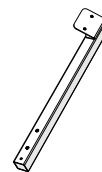
(box V)

Attachment Plate



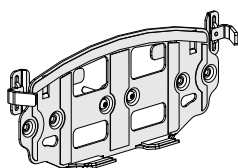
(box V)

QCT Height Bar



(box V)

Tablet Tray



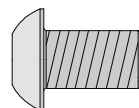
(box U)

M6 Knob



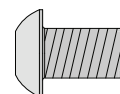
(box U)

SBHCS
M5 x 10 mm (x4)



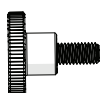
(box V)

SBHCS
M4 x 8 mm (x2)



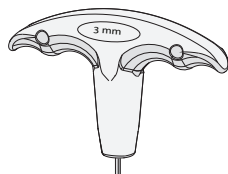
(box V)

Thumb Screw
M5 x 10 mm (x2)

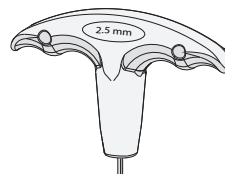


(box V)

T-handle Allen
Wrench 3 mm



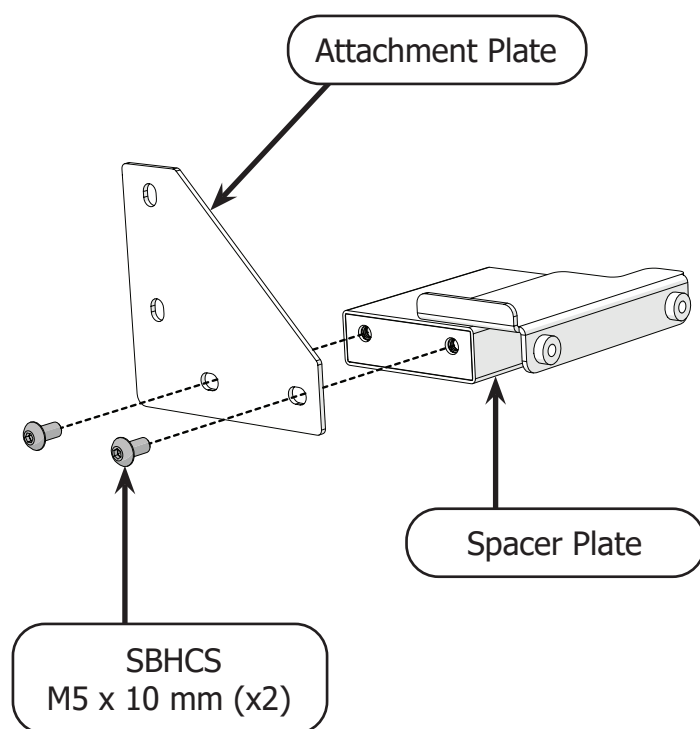
T-handle Allen
Wrench 2.5 mm



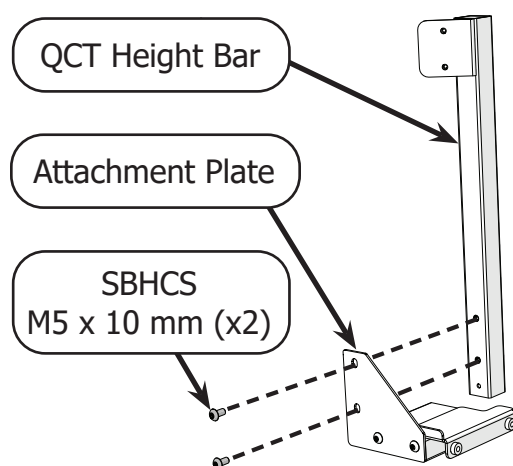
Instructions

Take the following steps to assemble and install the QCT tablet stand:

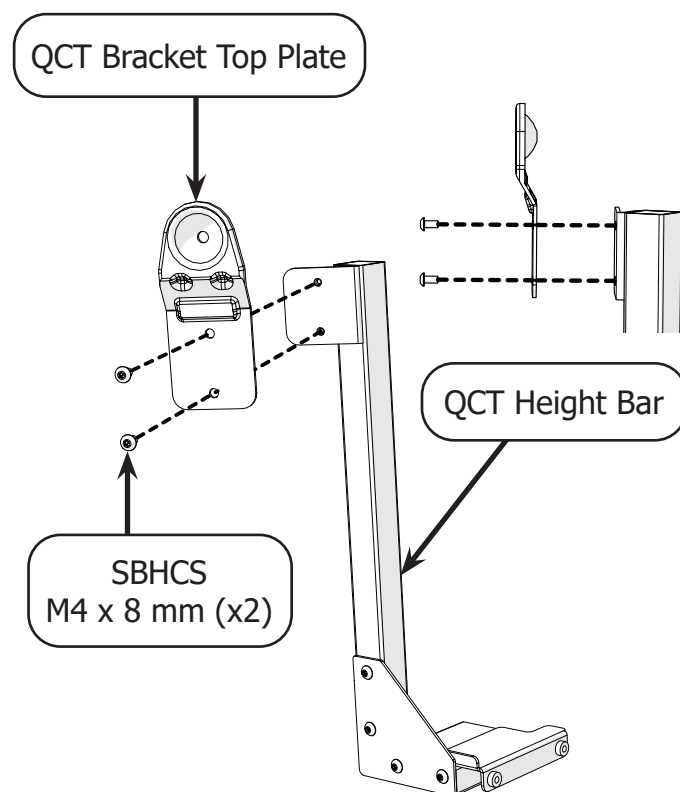
- 1 Connect the **attachment plate** to the **spacer plate** using two **M5 x 10 mm SBHCS** screws and the 3 mm Allen wrench.



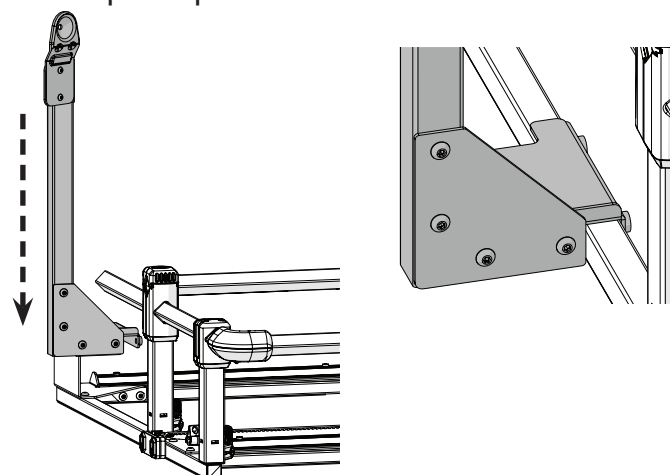
- 2 Connect the **QCT height bar** to the **attachment plate** using two **M5 x 10 mm SBHCS** screws and the 3 mm Allen wrench.



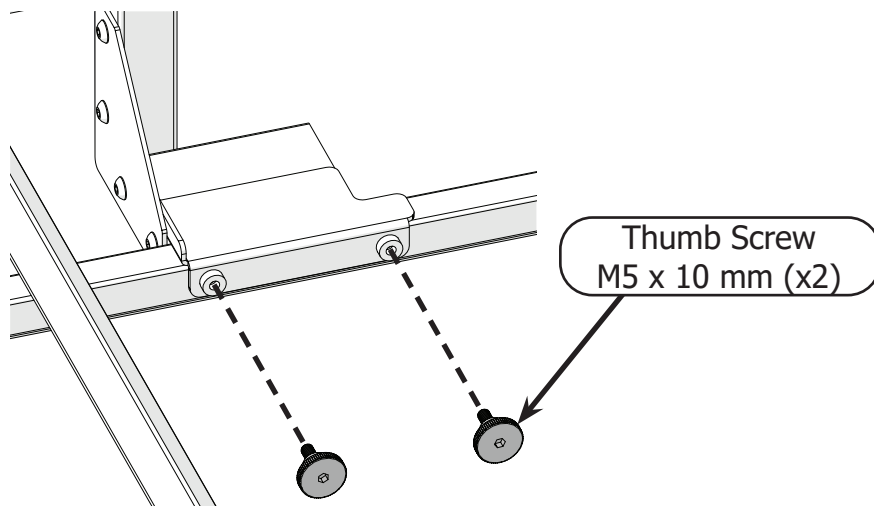
- 3 Use two **M4 x 8mm SBHCS** screws and the 2.5 mm Allen wrench to attach the **QCT bracket top plate** to the top of the **QCT height bar**.



- 4 Place the tablet stand onto the left side of the Cutie frame by sliding the open part of the spacer plate onto the frame.

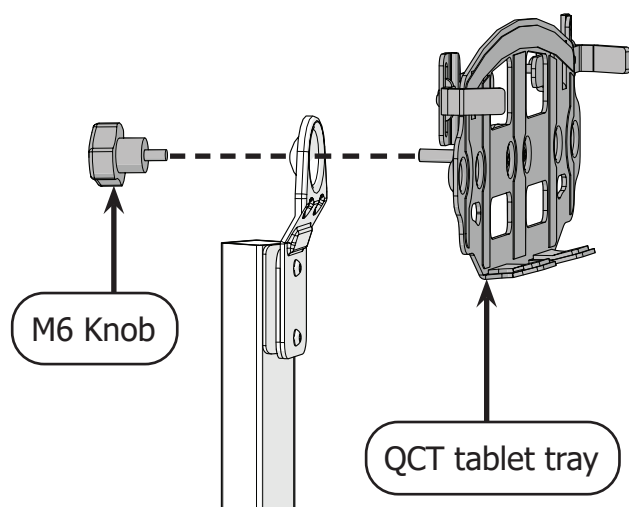


- 5 Carefully attach the tablet stand to the left side of the frame using the two **M5 x 10 mm thumb screws** and slowly tighten by hand until the bracket does not wiggle or slide.

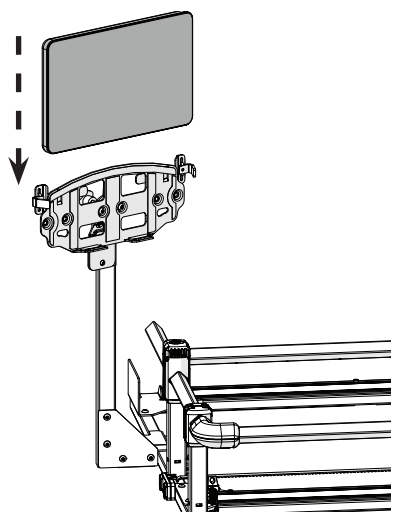


Note: There are no holes in the frame for these screws, so the bracket can be placed anywhere along the open space on the left side of the frame.

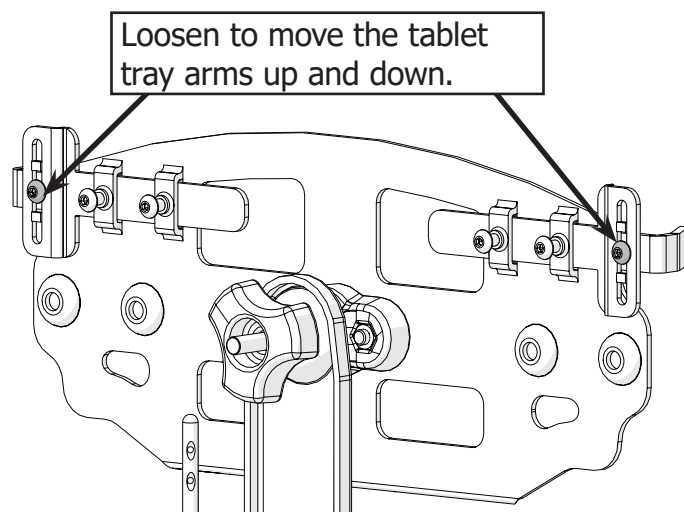
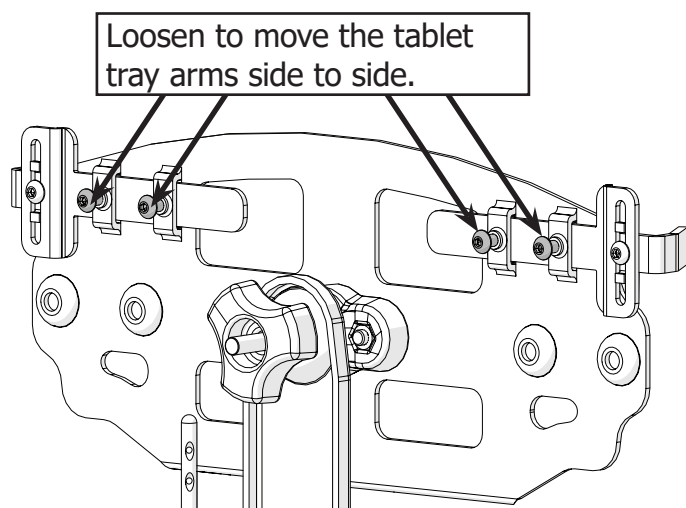
- 6 Attach the **QCT tablet tray** to the QCT bracket top plate with the **M6 Knob**.



- 7 Slide your tablet into the tablet tray.



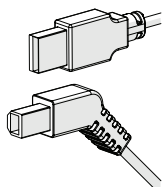
- 8 If needed, adjust the tray to fit your tablet. Loosen the M4 x 10 mm SBHCS screws with the 2.5 mm Allen wrench to adjust the tray arms.



Task 8: Attach the Cables

Parts & Tools Needed:

7' QuiltMotion
USB Cable



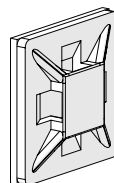
(box A)

Zip Tie (x3)



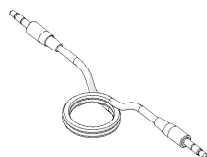
(box A)

Zip Tie Mount (x3)



(box A)

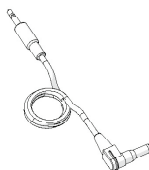
Sewing Cable
(Juki 98)



(box A)

Or

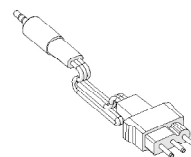
Sewing Cable
(Juki 2000Q/2010Q)



(box A)

Or

Sewing Cable 3
Prong (Janome)

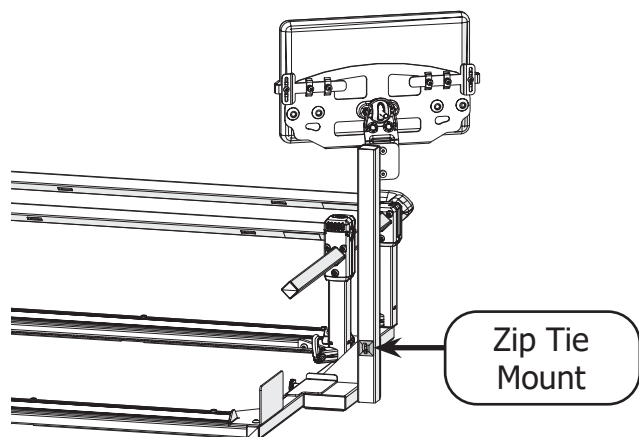


(box A)

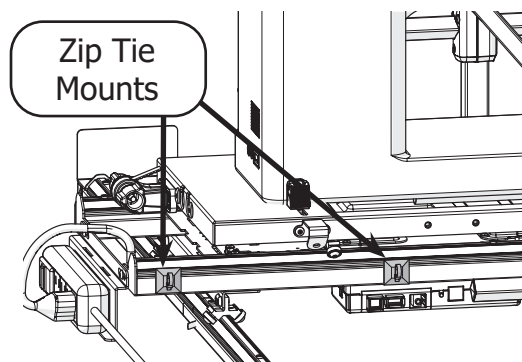
Instructions

Take the following steps to correctly attach the cables to your machine, motor plate, and tablet:

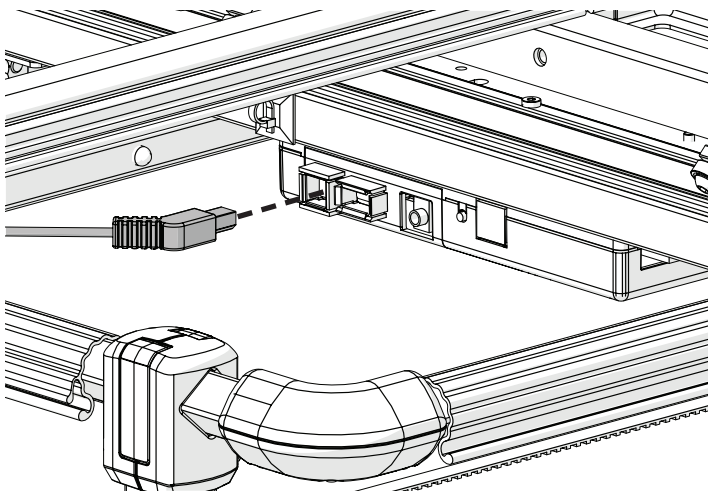
- 1 Place a **zip tie mount** on the back of the QCT bracket stand near the attachment plate.



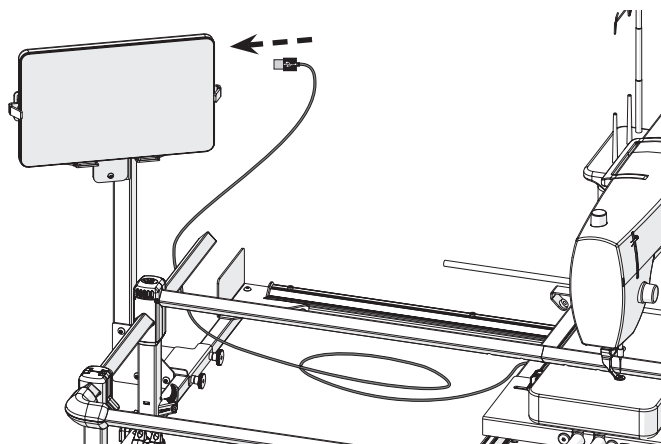
- 2 Place two **zip tie mounts** on the side of the bottom carriage, one above the ports on the motor plate and the other close to the rear of the carriage.



- 3 Plug the **7' QuiltMotion USB cable** into the motor plate.

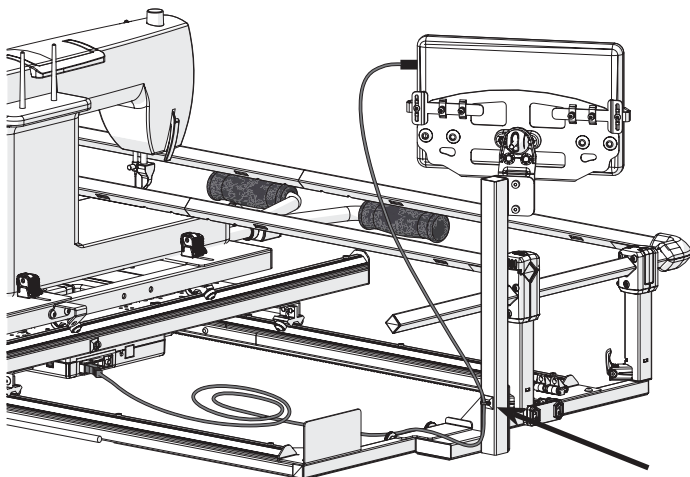


- 4 Pull the 7' USB cable around the outside of the side rail and plug it into the tablet.

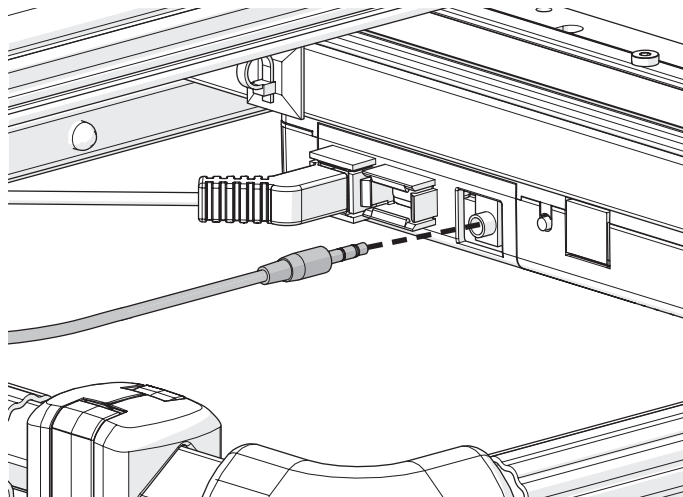


Note: USB port location may vary.

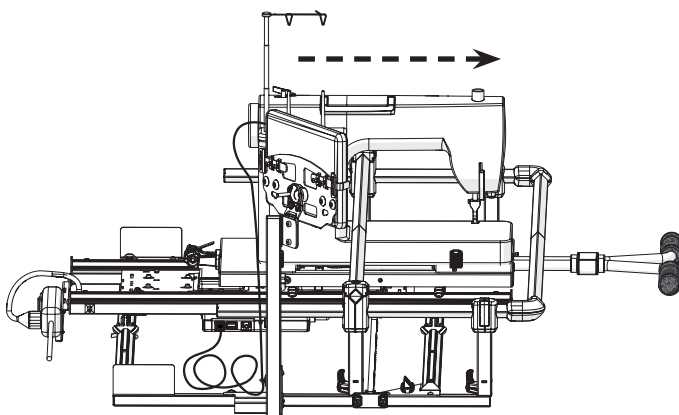
- 5 Use a zip tie to attach the USB cable to the zip tie mount.



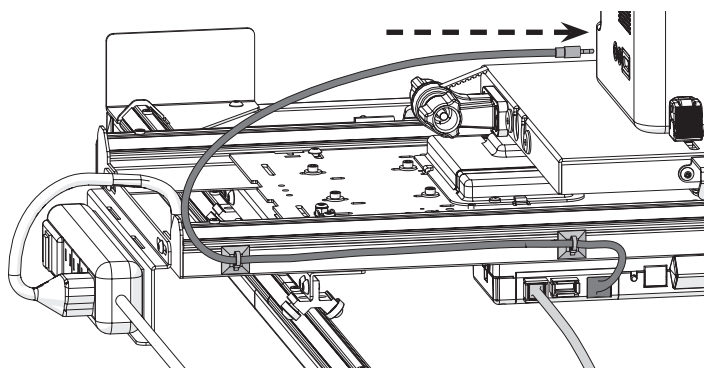
- 6 Plug the **sewing cable** that fits your machine into the motor plate.



- 7 Roll your machine forward on your frame as far as it will go.



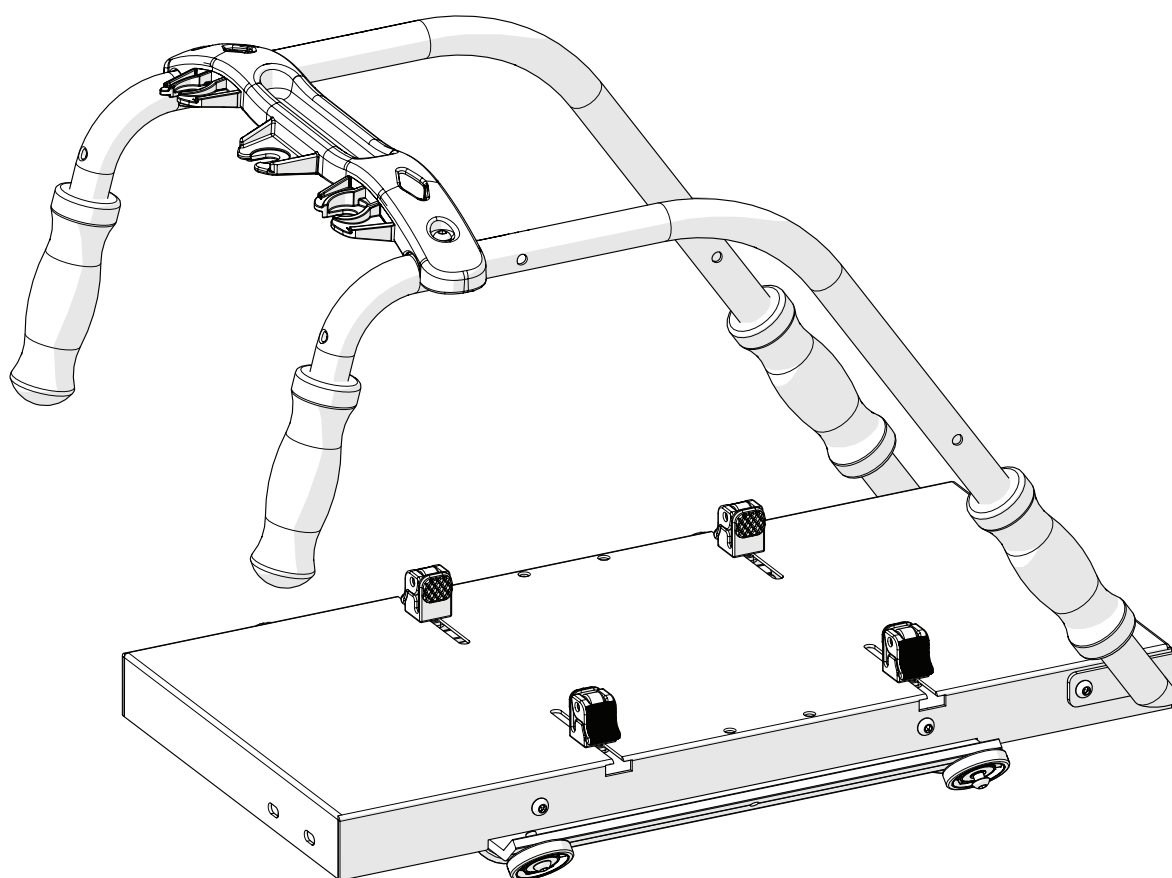
- 8 Use two zip ties to attach the sewing cable to the zip tie mounts and then plug the cable into the foot pedal port on your machine.



Note: The location of the foot pedal port may vary depending on your machine.

Turn to "Task 9: Cable Management" on page 179

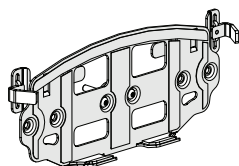
G-Series 1 Rev. 2 Top Plate



Task 7: Install the Tablet Tray

Parts & Tools Needed:

Tablet Tray



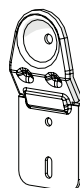
(box U)

M6 Knob



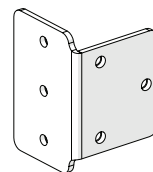
(box U)

QCT Bracket
Top Plate



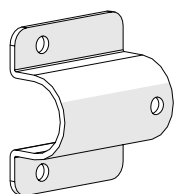
(Box W)

QCT Top Plate Angle
Support Bracket



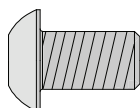
(Box W)

QCT Top Plate
U-Bracket



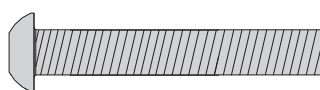
(Box W)

SBHCS
M5 x 10 mm (x4)



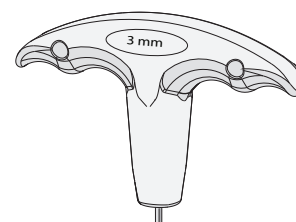
(Box W)

SBHCS
M5 x 35 mm (x1)

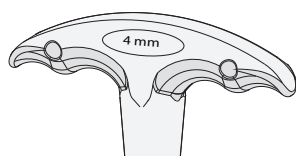


(Box W)

T-Handle Allen
Wrench 3 mm



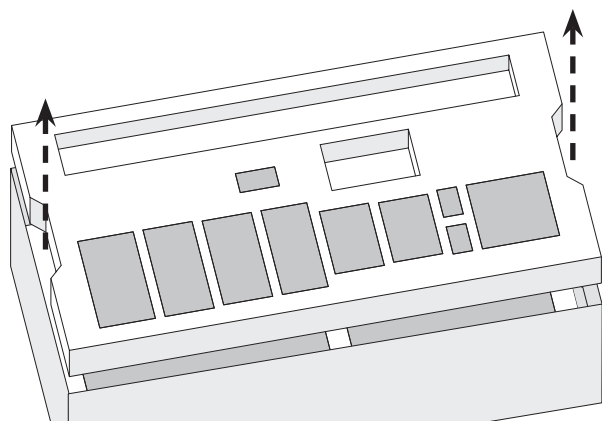
T- Handle
Allen Wrench 4 mm



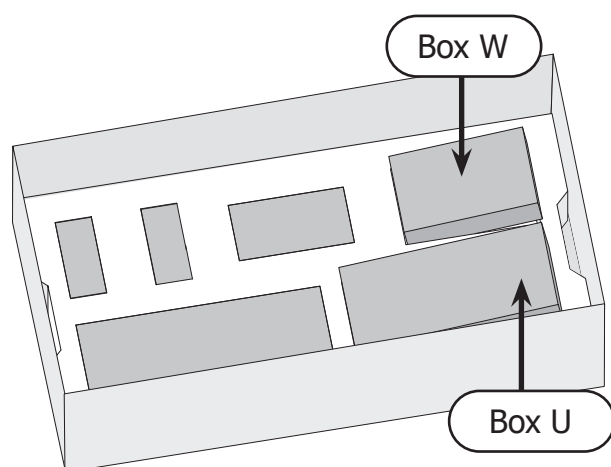
Instructions

Take the following steps to correctly attach your tablet to your top plate.

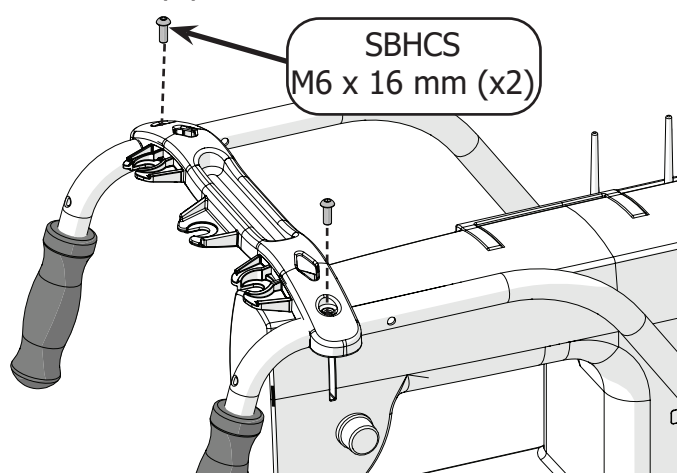
- 1 Remove second layer of packaging.



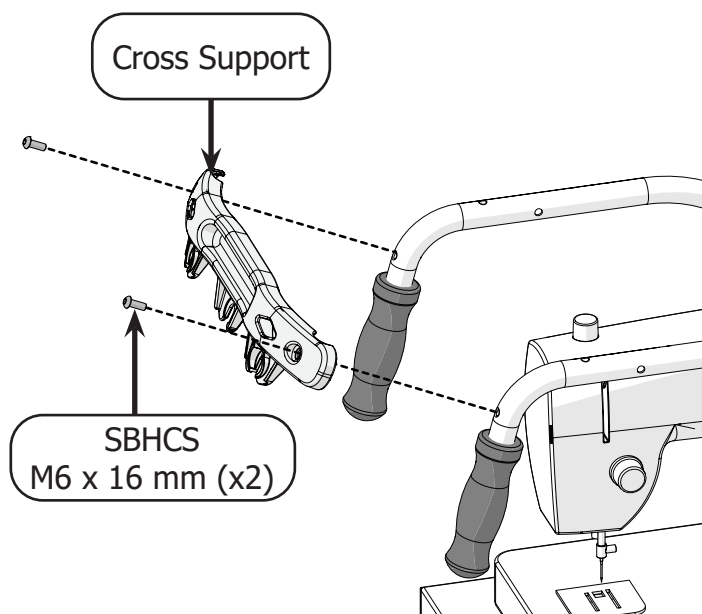
- 2 Find the needed parts and tools in **box U** and **box W**.



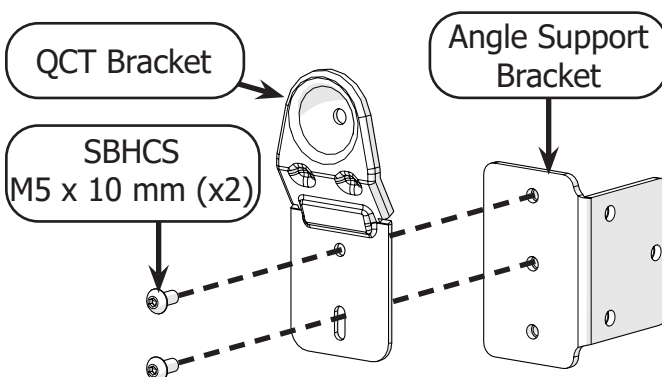
- 3 Use a 4 mm Allen wrench to remove the two **M6 x 16 mm SBHCS** securing the cross bar to the top plate.



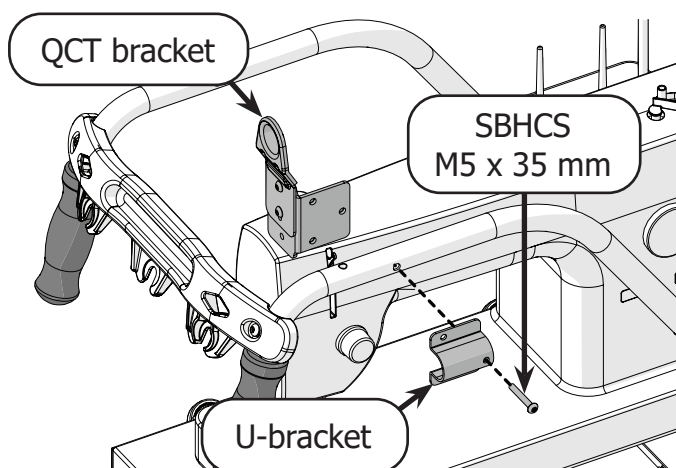
- 4 With the two **M6 x 16 mm SBHCS** you just removed, re-attach the **cross support** to the top plate using the two screw holes just above the handles.



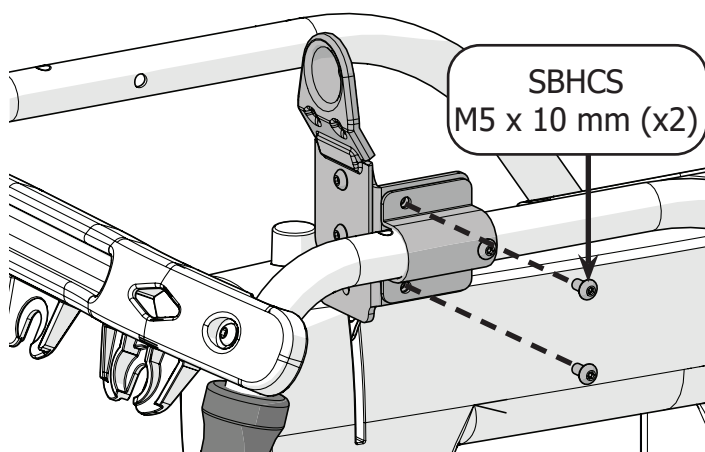
- 5 Use two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench to attach the **QCT bracket** to the top two holes in the **angle support bracket**.



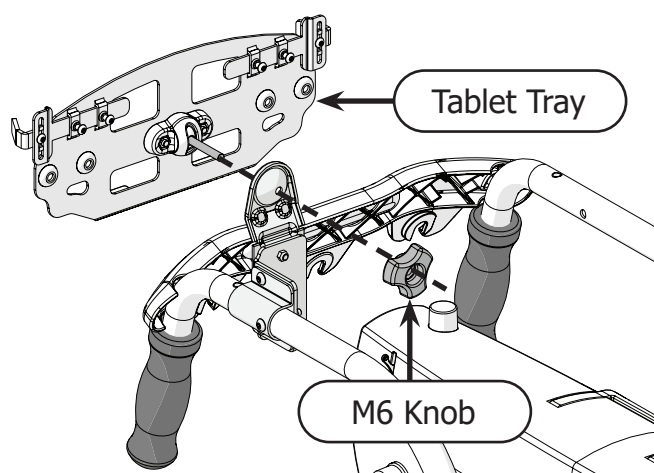
- 6 Use an **M5 x 35 mm SBHCS** and the 3 mm Allen wrench to attach the **QCT bracket** to the top plate and U-bracket.



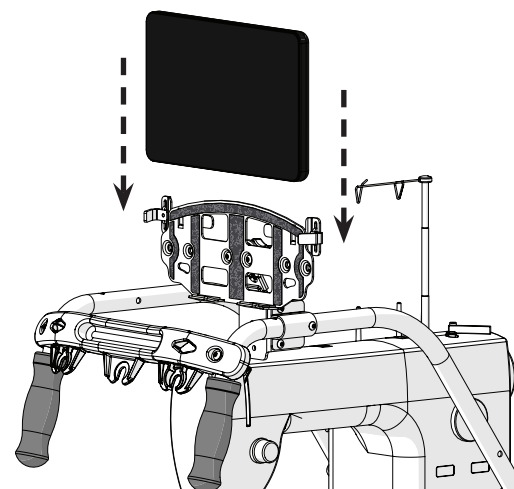
- 7 Finish clamping the QCT and U-bracket together using two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench.



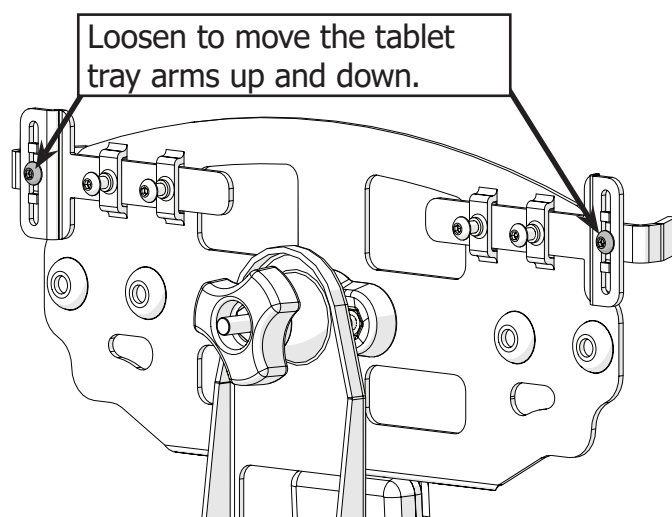
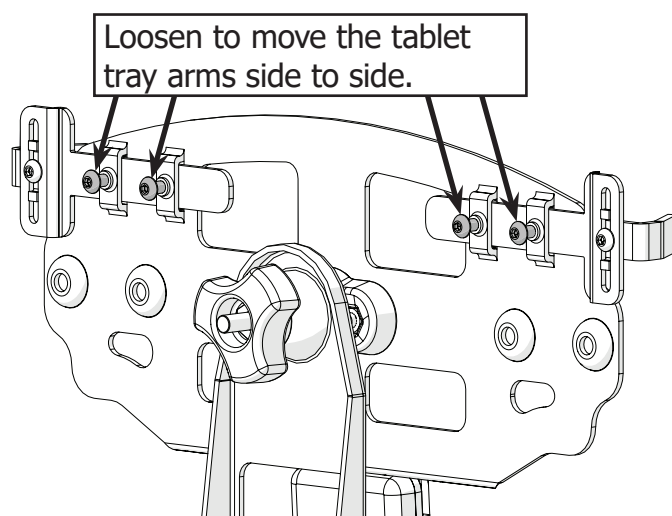
- 8 Slide the long bolt on the **tablet tray** through the hole in the QCT bracket, and screw on the **M6 knob**.



- 9 Slide your **tablet** into the tray



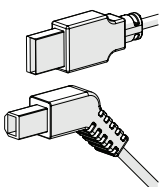
- 10 If needed, adjust the tray to fit your tablet. Loosen the M4 x 10 mm SBHCS with the 2.5 mm Allen wrench to adjust the tray arms.



Task 8: Attach the Cables

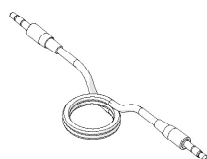
Parts & Tools Needed:

7' QuiltMotion
USB Cable



(box A)

Sewing Cable
(Juki 98)



(box A)

Or

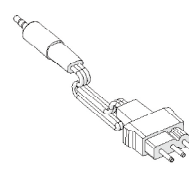
Sewing Cable
(Juki 2000Q/2010Q)



(box A)

Or

Sewing Cable 3
Prong (Janome)

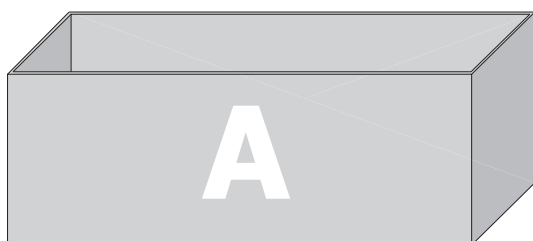


(box A)

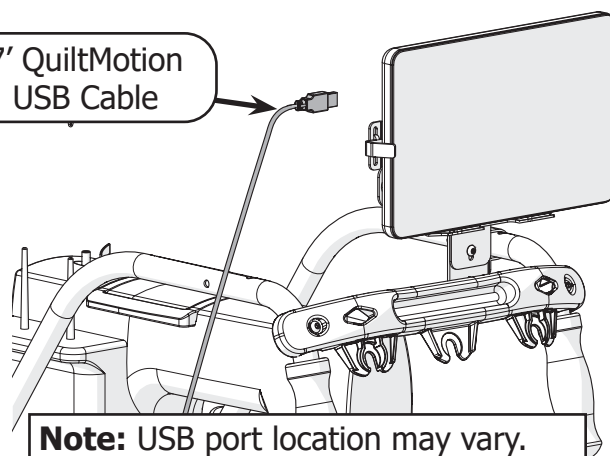
Instructions

Take the following steps to correctly attach the cables to your machine, motor plate, and tablet:

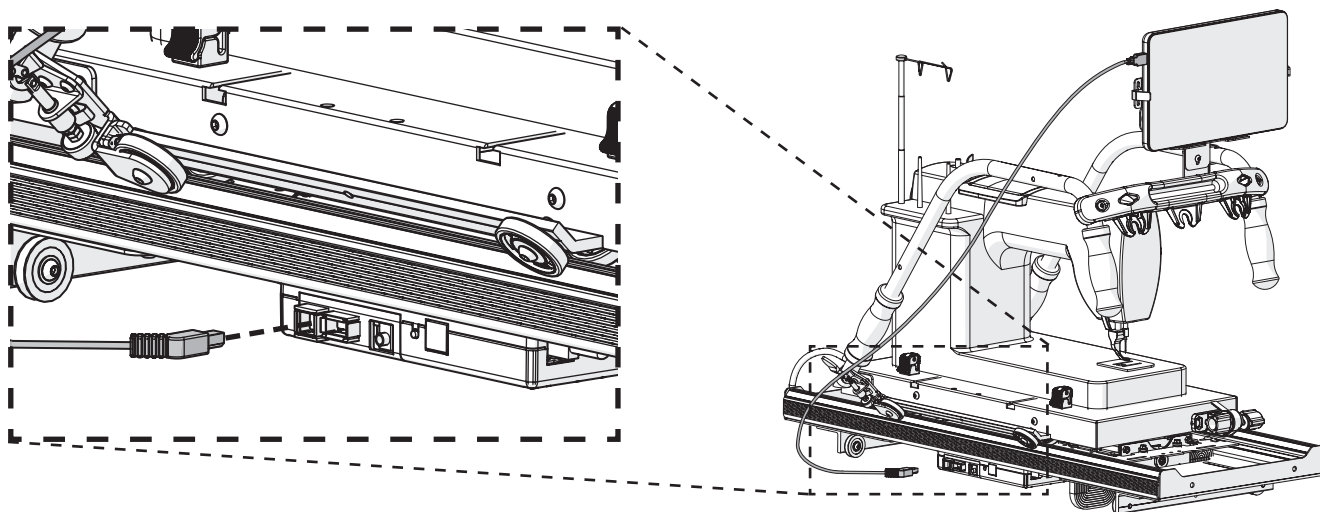
- 1 Remove the cables from box A. This box was set aside at the beginning of the assembly tasks.
- 2 Plug the **7' QuiltMotion USB cable** into the **tablet**.



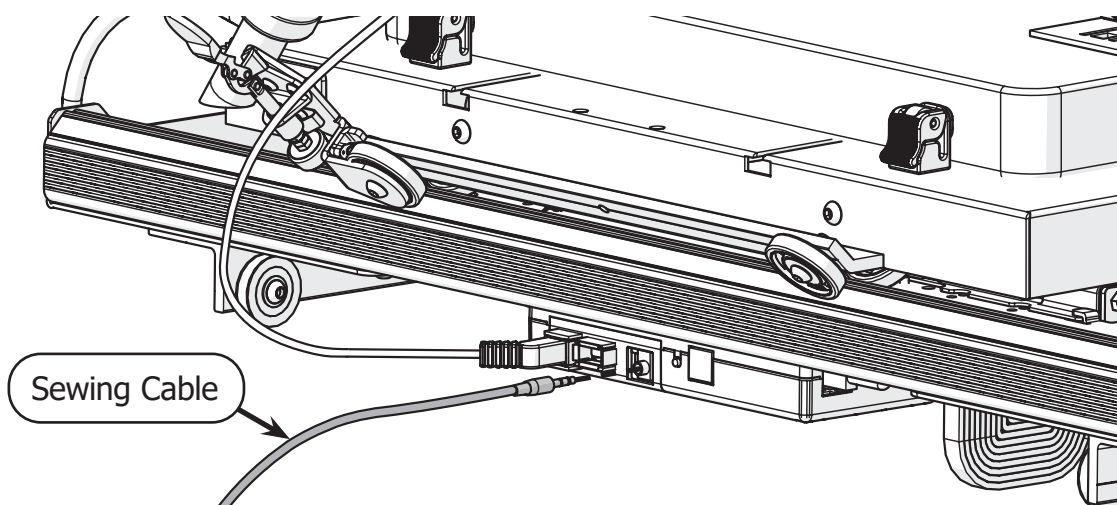
7' QuiltMotion
USB Cable



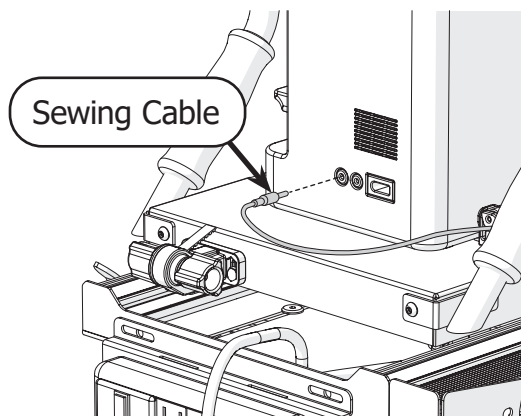
- 3 Plug the other end of the **7' QuiltMotion USB cable** into the motor plate.



- 4 Plug the **sewing cable** that fits your machine into the motor plate.

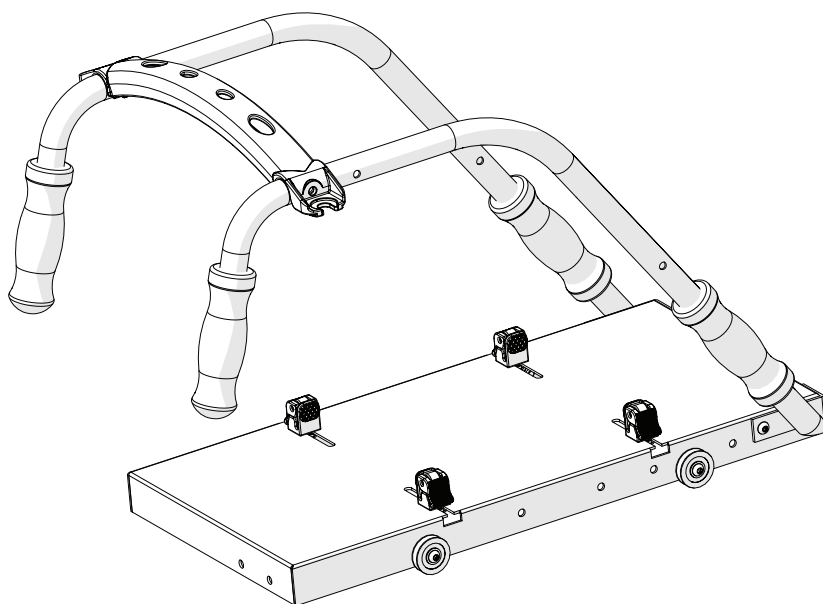
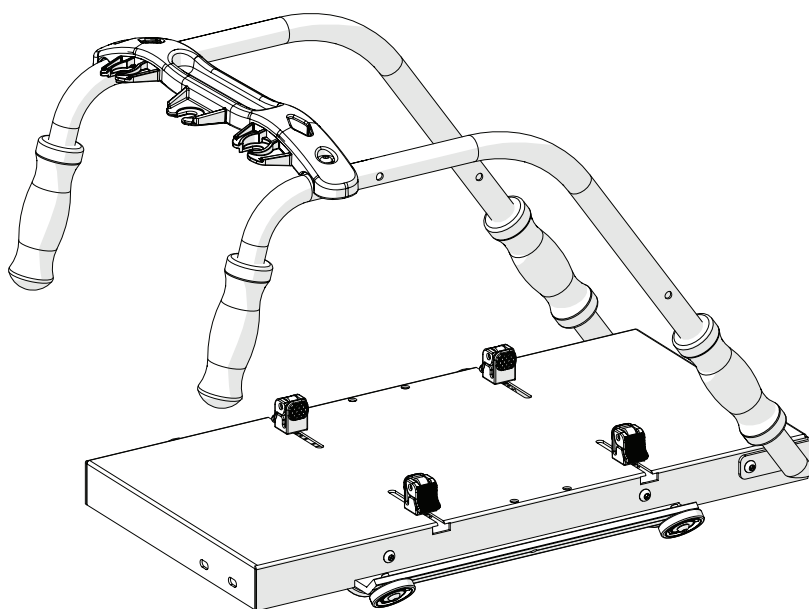


- 5 Connect the other end of the **sewing cable** to the foot pedal port on your sewing machine.



Turn to "Task 9: Cable Management" on page 179.

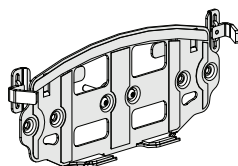
G-Series 1 Rev. 1 & Pro Top Plates



Task 7: Install the Tablet Tray

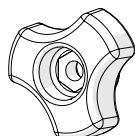
Parts & Tools Needed:

Tablet Tray



(box U)

M6 Knob



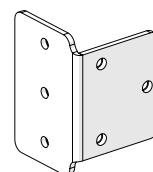
(box U)

QCT Bracket
Top Plate



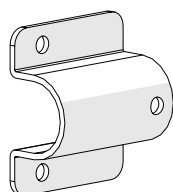
(Box W)

QCT Top Plate Angle
Support Bracket



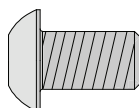
(Box W)

QCT Top Plate
U-Bracket



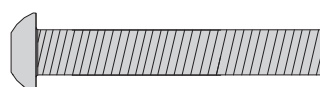
(Box W)

SBHCS
M5 x 10 mm (x4)



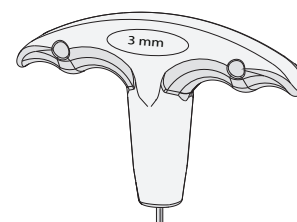
(Box W)

SBHCS
M5 x 35 mm (x1)



(Box W)

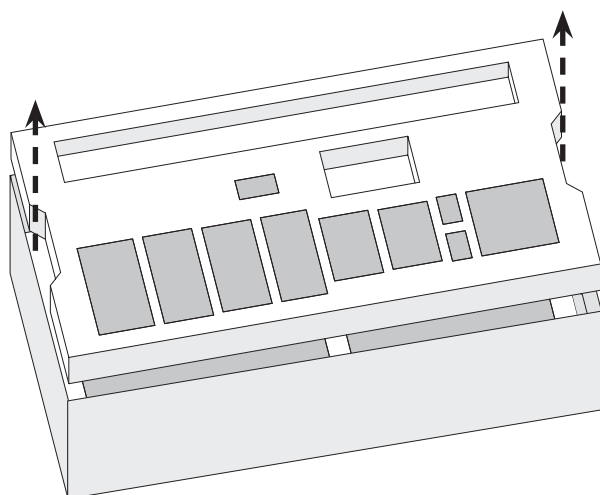
T-Handle Allen
Wrench 3 mm



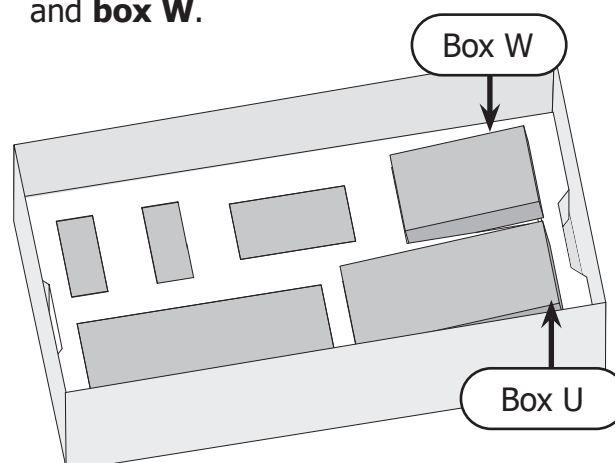
Instructions

Take the following steps to correctly attach your tablet to your top plate.

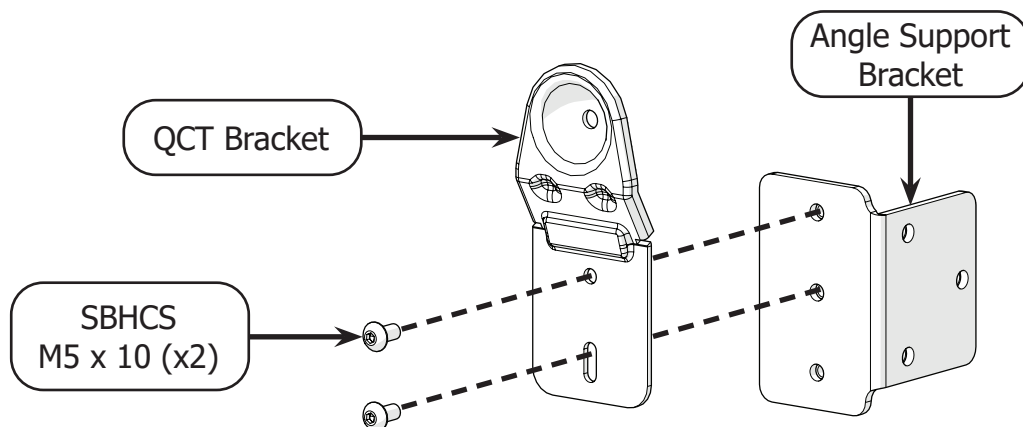
- 1 Remove second layer of packaging.



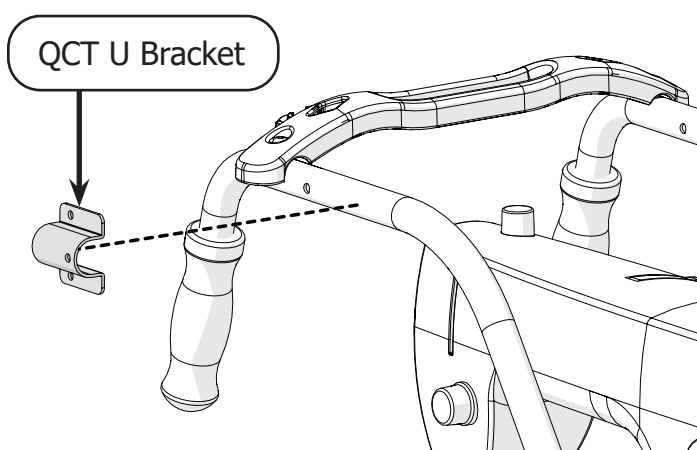
- 2 Find the parts needed for this step in **box U** and **box W**.



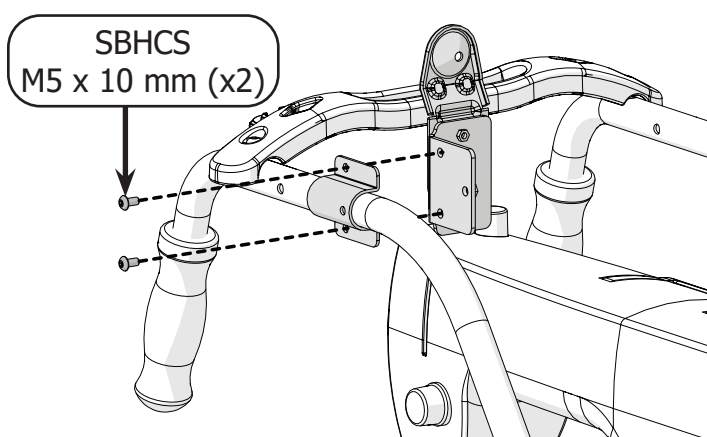
- 3 Use two **M5 x 10 SBHCS** and the 3 mm Allen wrench to attach the **QCT bracket** to the top two holes in the **angle support bracket**



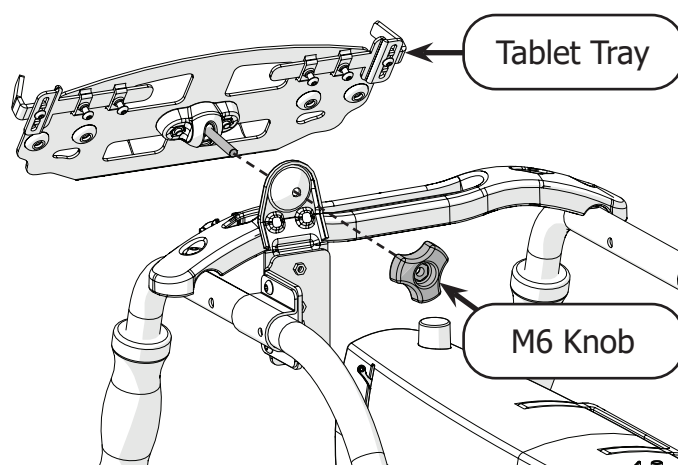
- 4 Slide the **QCT U-bracket** onto the side of the top plate arm.



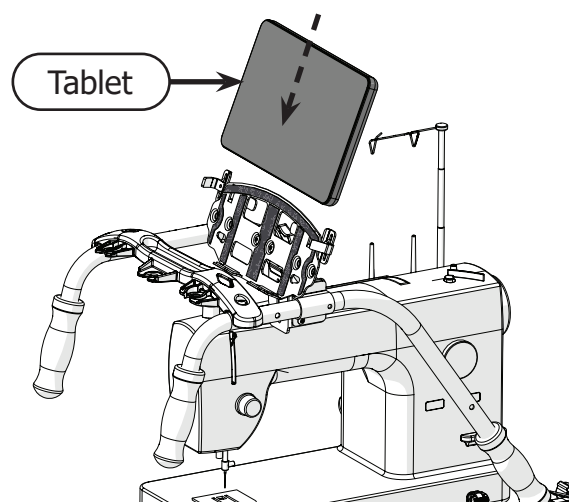
- 5 Attach the U-bracket to the angle support bracket around the top plate arm. Use two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench.



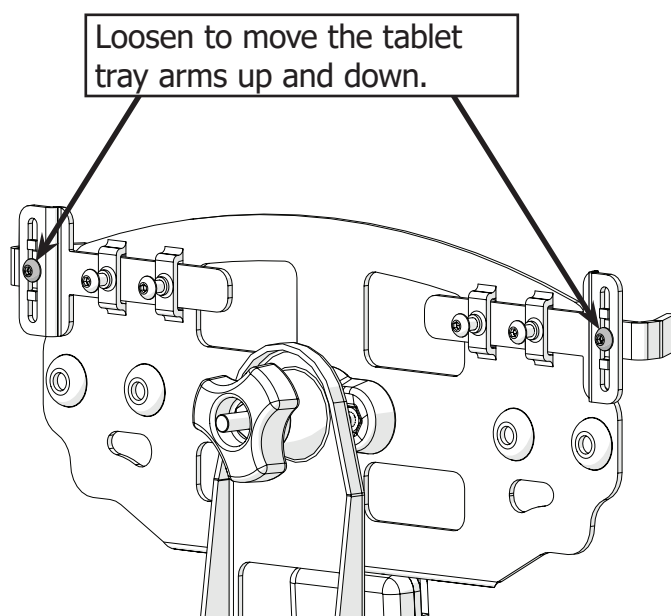
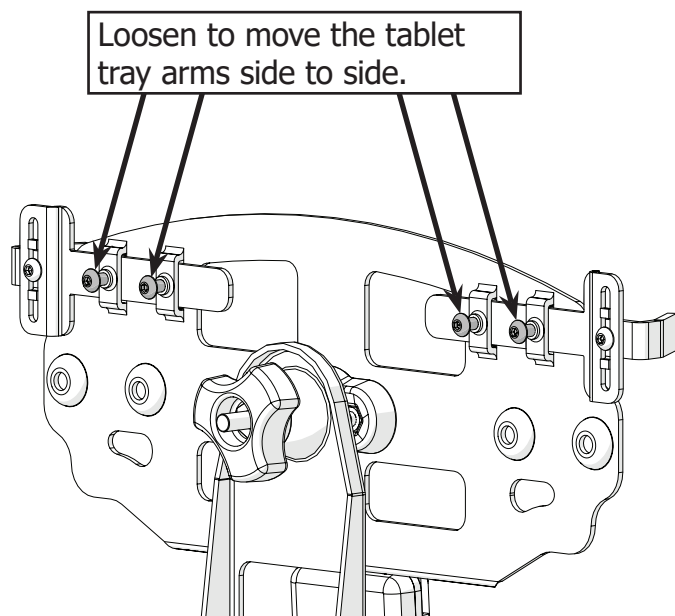
- 6 Slide the long bolt on the **tablet tray** through the hole in the QCT bracket, and screw on the **M6 knob**.



- 7 Slide your **tablet** into the tray



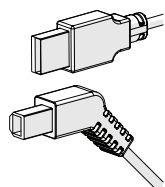
- 8 If needed, adjust the tray to fit your tablet. Loosen the M4 x 10 mm SBHCS with the 2.5 mm Allen wrench to adjust the tray arms.



Task 8: Attach the Cables

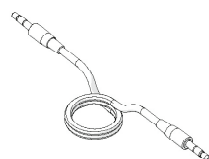
Parts & Tools Needed:

7' QuiltMotion
USB Cable



(box A)

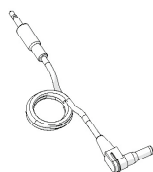
Sewing Cable
(Juki 98)



(box A)

Or

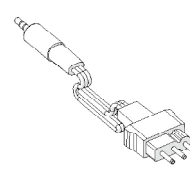
Sewing Cable
(Juki 2000Q/2010Q)



(box A)

Or

Sewing Cable 3
Prong (Janome)

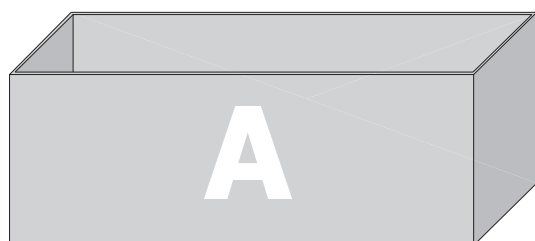


(box A)

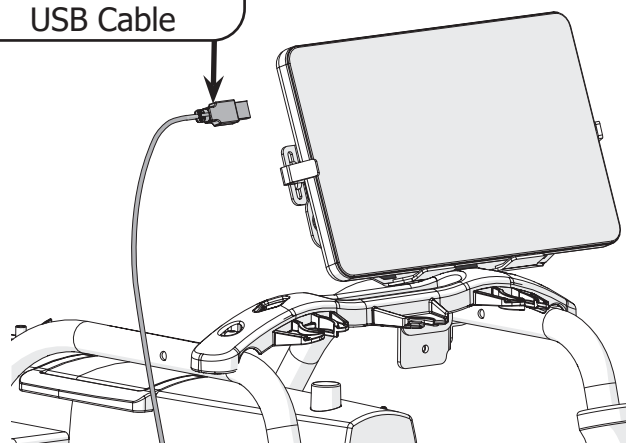
Instructions

Take the following steps to correctly attach the cables to your machine, motor plate, and tablet:

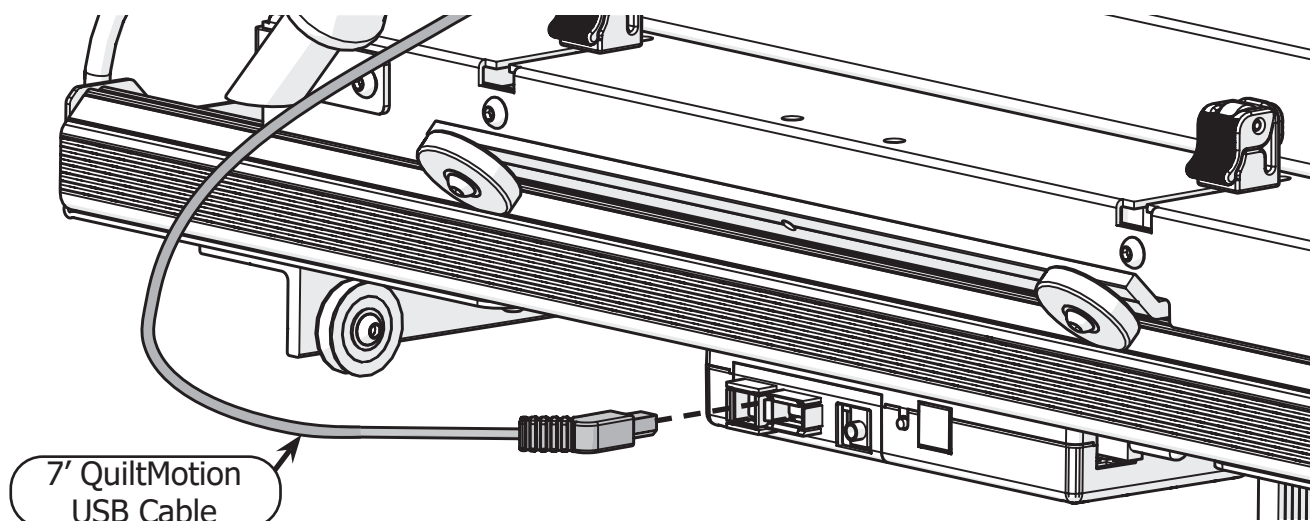
- 1 Remove the cables from box A. This box was set aside at the beginning of the assembly tasks.
- 2 Plug the USB end of the **7' QuiltMotion USB cable** into your tablet.



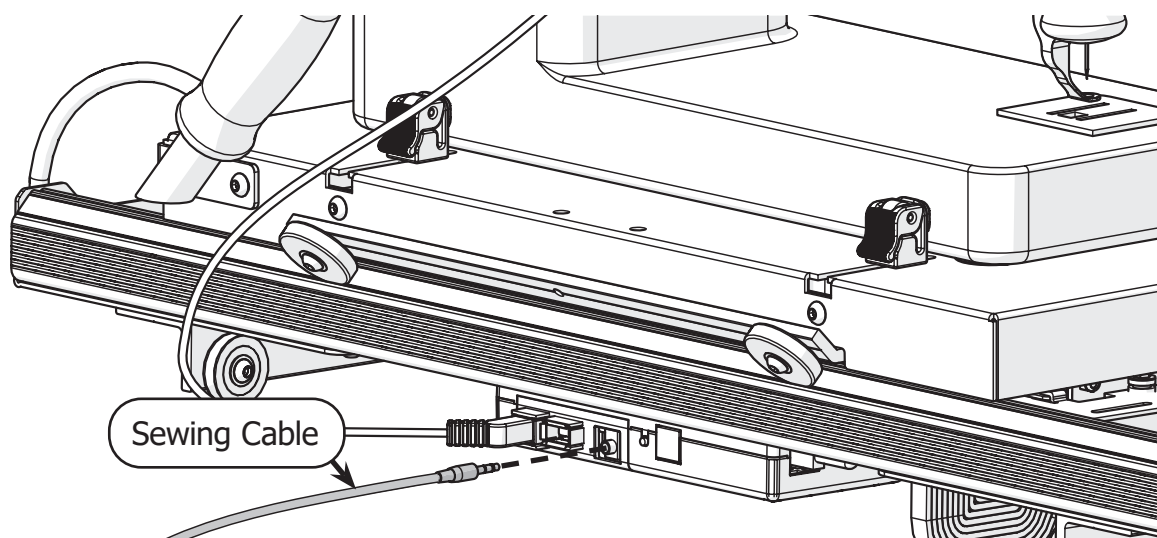
7' QuiltMotion
USB Cable



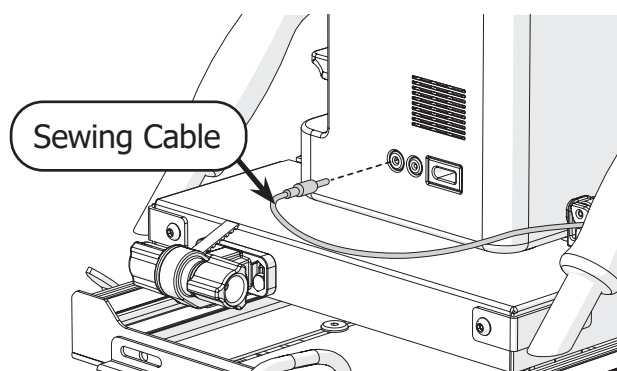
- 3 Plug the **7' QuiltMotion USB cable** into the motor plate.



- 4 Plug the **sewing cable** that fits your machine into the motor plate.



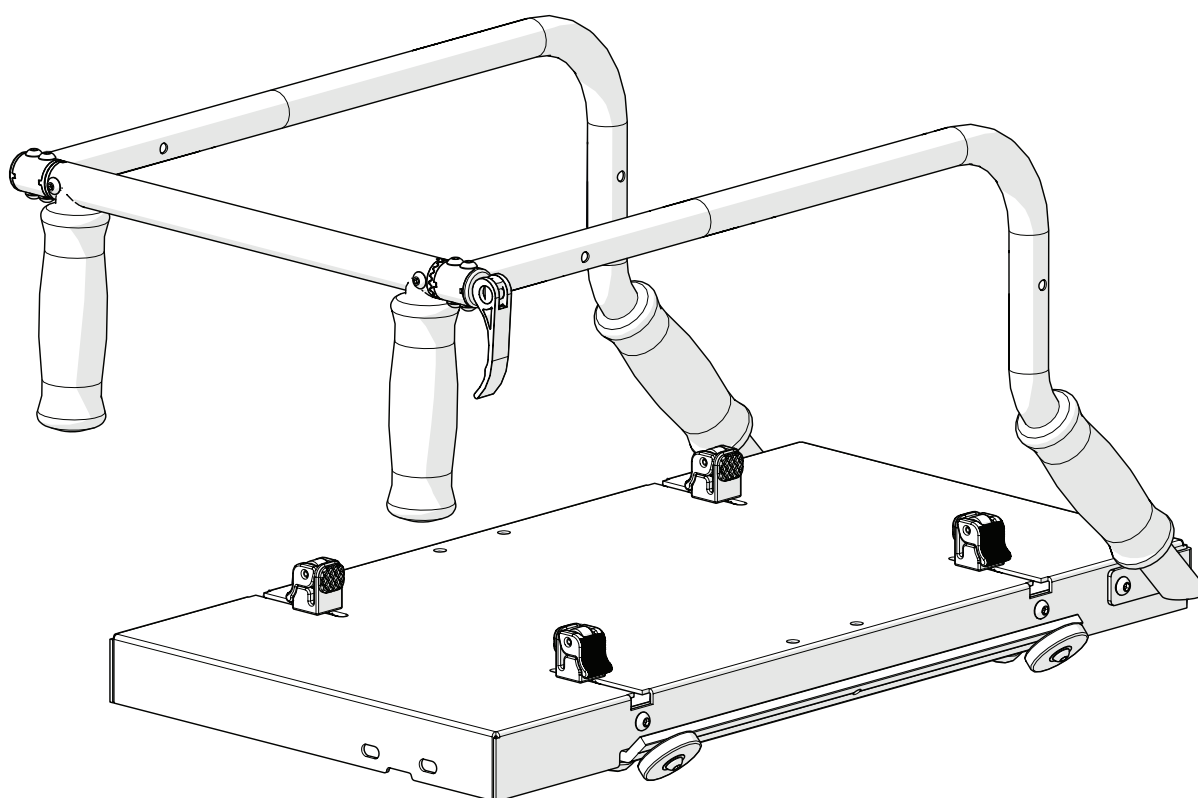
- 5 Connect the other end of the **sewing cable** to the foot pedal port on your sewing machine.



Note: Foot pedal port appearance and location may vary.

Turn to "Task 9: Cable Management" on page 179.

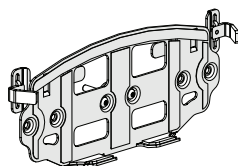
G-Series 2 Top Plate



Task 7: Install the Tablet Tray

Parts & Tools Needed:

Tablet Tray



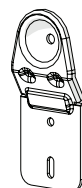
(box U)

M6 Knob



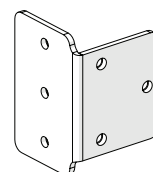
(box U)

QCT Bracket
Top Plate



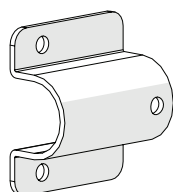
(Box W)

QCT Top Plate Angle
Support Bracket



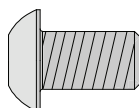
(Box W)

QCT Top Plate
U-Bracket



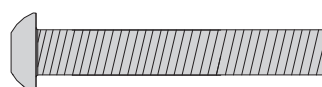
(Box W)

SBHCS
M5 x 10 mm (x4)



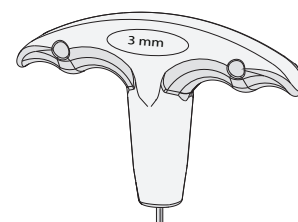
(Box W)

SBHCS
M5 x 35 mm (x1)



(Box W)

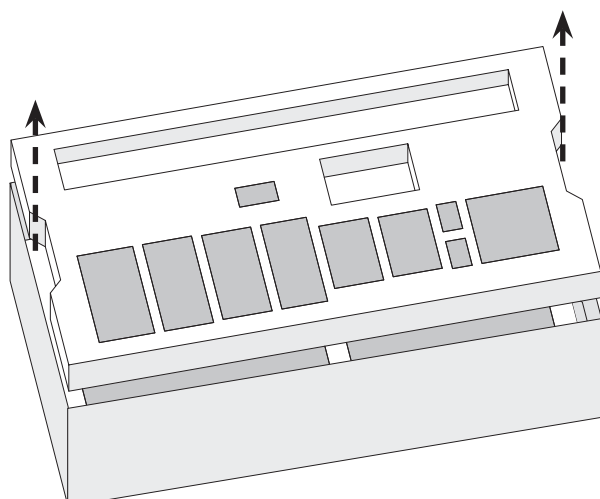
T-Handle Allen
Wrench 3 mm



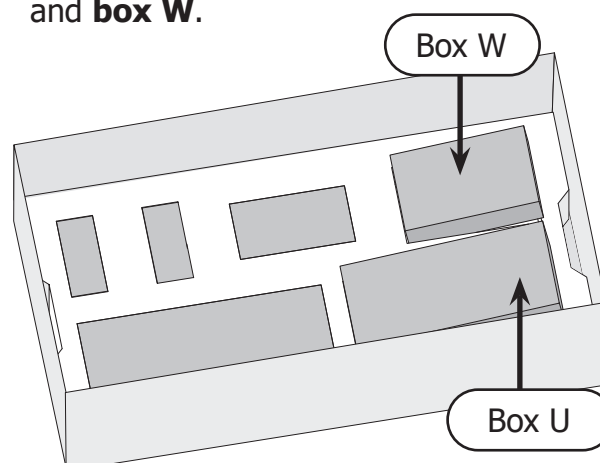
Instructions

Take the following steps to correctly attach your tablet to your top plate.

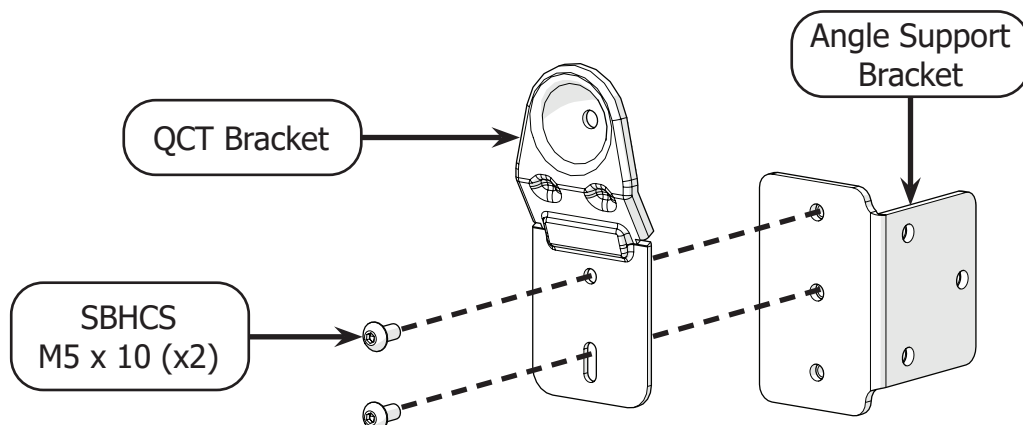
- 1 Remove second layer of packaging.



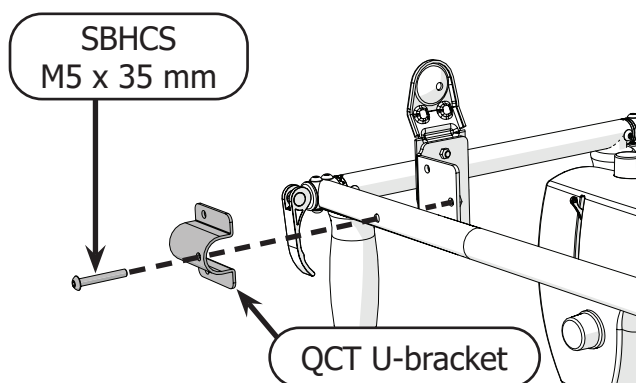
- 2 Find the parts needed for this task in **box U** and **box W**.



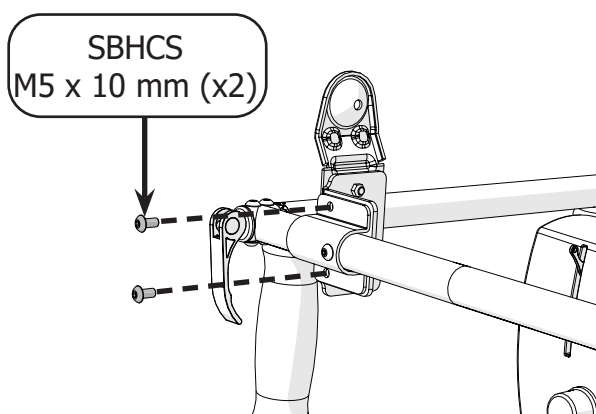
- 3 Use two **M5 x 10 SBHCS** and the 3 mm Allen wrench to attach the **QCT bracket** to the top two holes in the **angle support bracket**



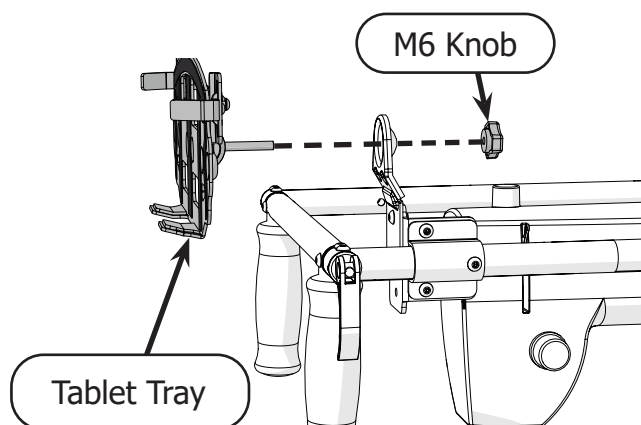
- 4 Connect the **QCT U-bracket** and the angle support bracket to the top right side of the top plate using the **M5 x 35 mm SBHCS** and the 3 mm Allen wrench.



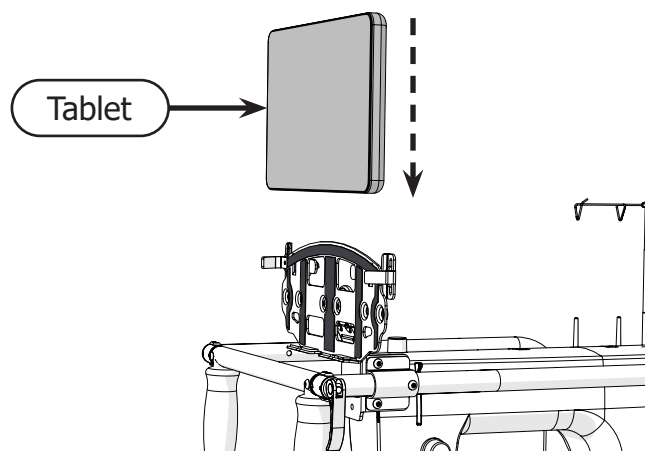
- 5 Secure the brackets in place using the other two **M5 x 10 mm SBHCS** and the 3 mm Allen wrench.



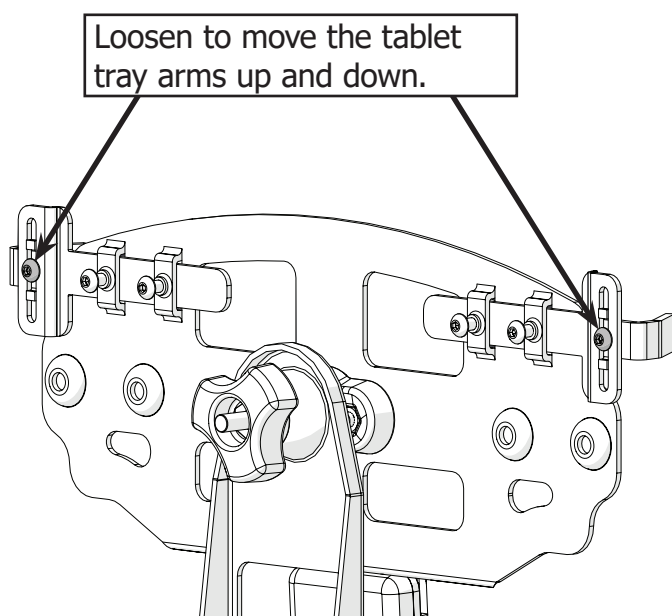
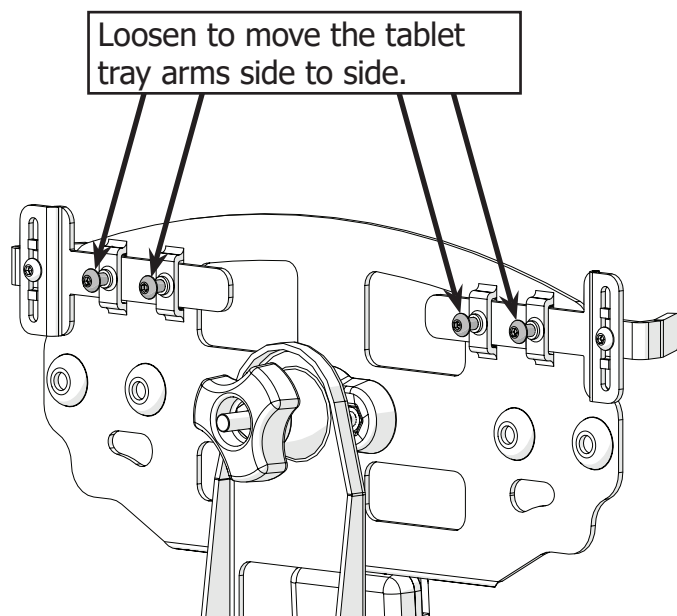
- 6 Slide the long bolt on the **tablet tray** through the hole in the QCT bracket, and screw on the **M6 knob**.



- 7 Slide your **tablet** into the tray



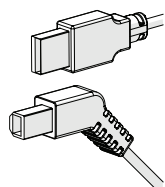
- 8 If needed, adjust the tray to fit your tablet. Loosen the M4 x 10 mm SBHCS with the 2.5 mm Allen wrench to adjust the tray arms.



Task 8: Attach the Cables

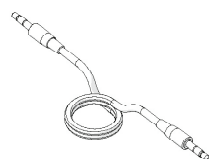
Parts & Tools Needed:

7' QuiltMotion
USB Cable



(box A)

Sewing Cable
(Juki 98)



(box A)

Or

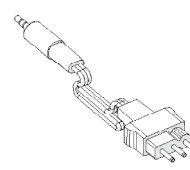
Sewing Cable
(Juki 2000Q/2010Q)



(box A)

Or

Sewing Cable 3
Prong (Janome)

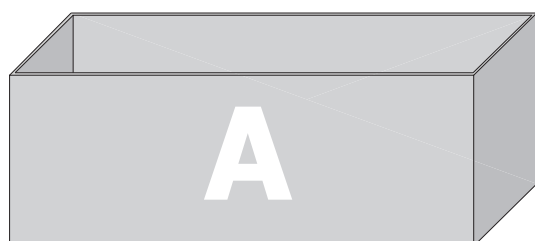


(box A)

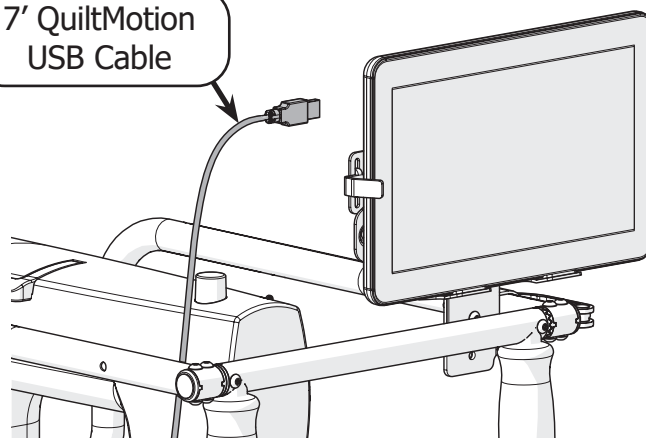
Instructions

Take the following steps to correctly attach the cables to your machine, motor plate, and tablet:

- 1 Remove the cables from box A. This box was set aside at the beginning of the assembly tasks.
- 2 Plug the USB end of the **7' QuiltMotion USB cable** into your tablet.

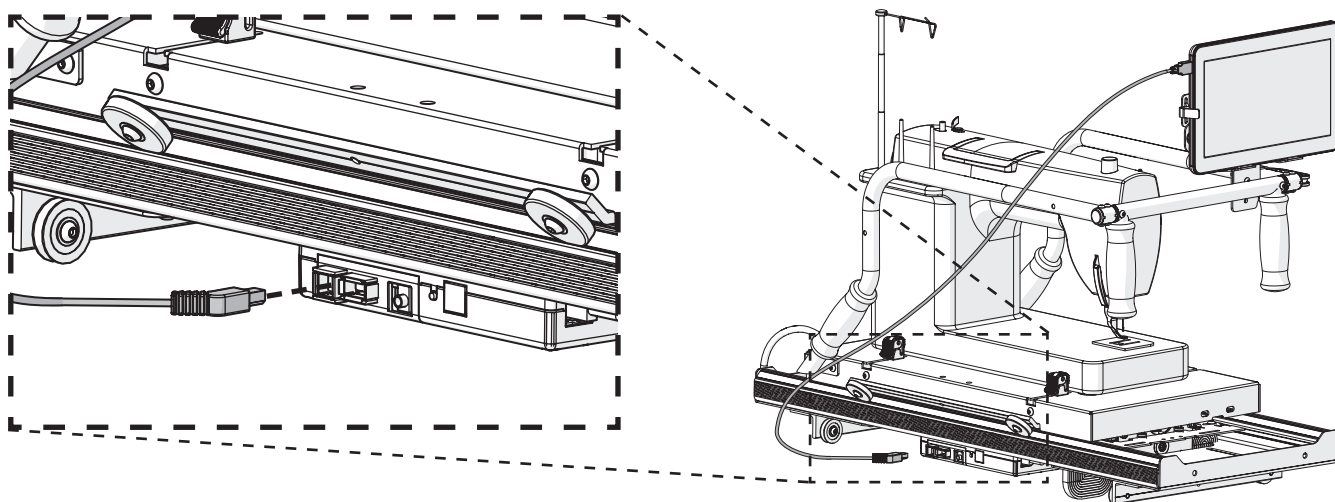


7' QuiltMotion
USB Cable

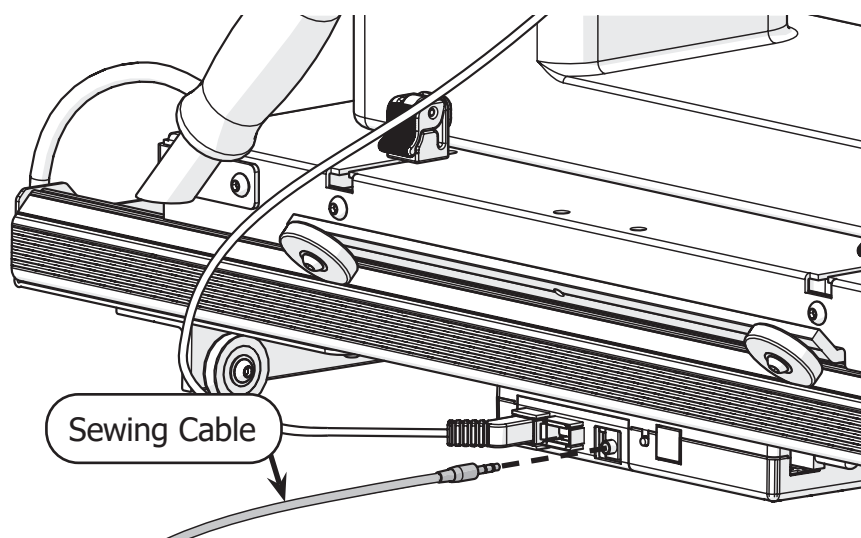


Note: USB port location may vary.

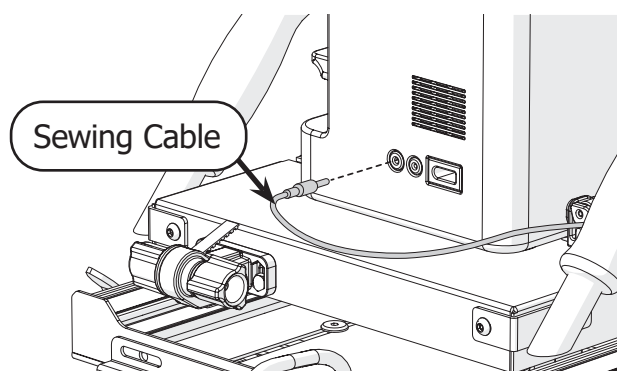
- 3 Plug the **7' QuiltMotion USB cable** into the motor plate.



- 4 Plug the **sewing cable** that fits your machine into the motor plate.



- 5 Connect the other end of the **sewing cable** to the foot pedal port on your sewing machine.



Note: Foot pedal port appearance and location may vary.

Turn to "Task 9: Cable Management" on page 179.

Task 9: Cable Management

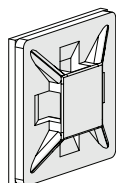
Parts & Tools Needed:

Zip Ties (x8)



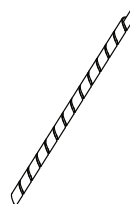
(box A)

Zip Tie Mount (x6)



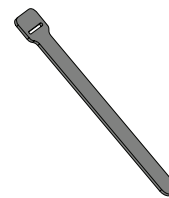
(box A)

Cable Wrap



(box A)

Velcro Strips (6)



(box A)

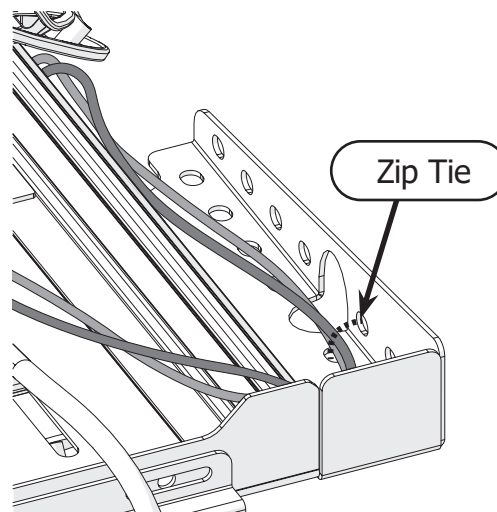
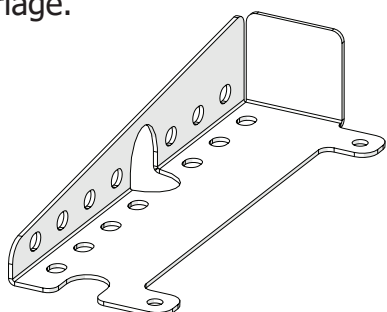
Instructions

QuiltMotion includes a variety of options that can help you keep your cables neat and organized without restricting the movement of your machine.

Follow these tips to effectively manage your cables.

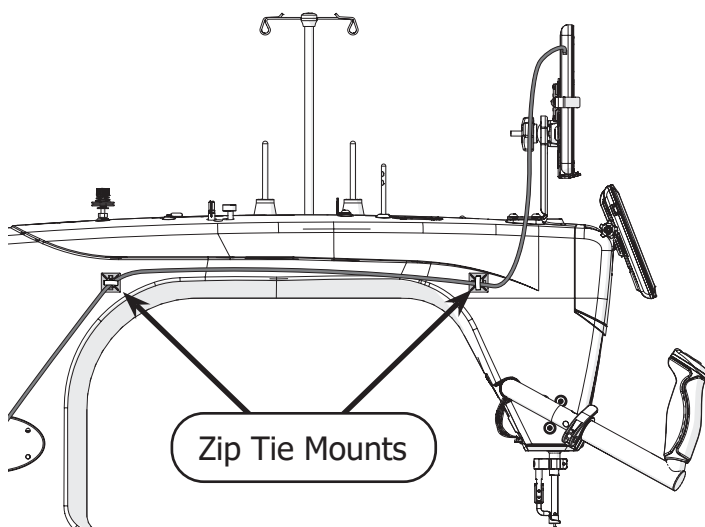
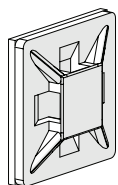
Cable Guide Tray

For bottom carriages that can have the cable guide tray attached (see “Task 4: Prepare the Bottom Carriage” on page 15), you can use zip-ties to attach cables to the inside of the tray and prevent them from going beneath the bottom carriage.



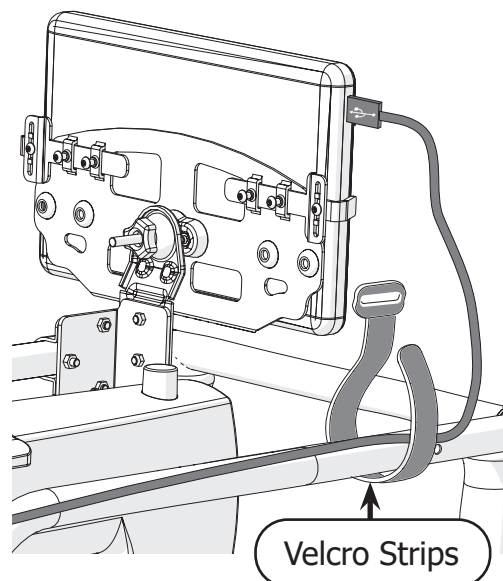
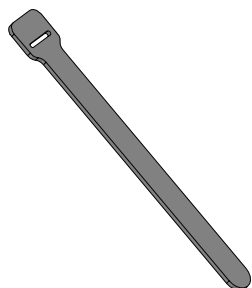
Zip Tie Mounts/Zip Ties

Zip Tie Mounts can be placed along the side of the machine to hold the cable in place on its way to the tablet.



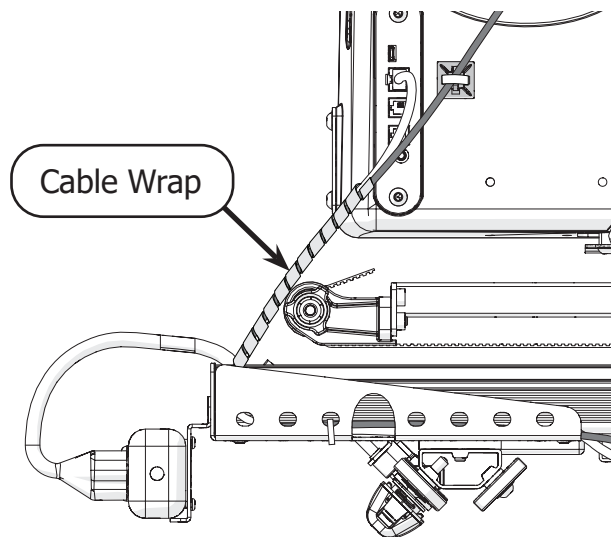
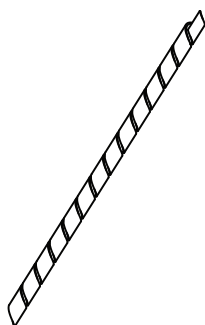
Velcro Strips

Velcro strips can help tie cables to top plate handles.



Cable Wrap

The cable wrap can be used to hold multiple cables together and make them easier to control.



Congratulations! You've completed Part Three of this manual.

If you've been setting up a frame for the first time while installing quilt motion:

1. Turn to Part Four of your frame instruction manual for instructions on attaching fabric to the frame.
2. Follow the steps in your Quilter's Creative Touch manual to install automation software onto your tablet.

If you already know how to attach a quilt to your frame, follow the steps in your Quilter's Creative Touch manual to install automation software onto your tablet.

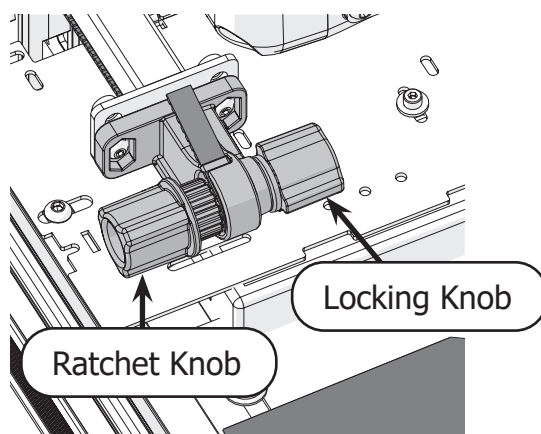
Free-Motion Quilting

Instructions

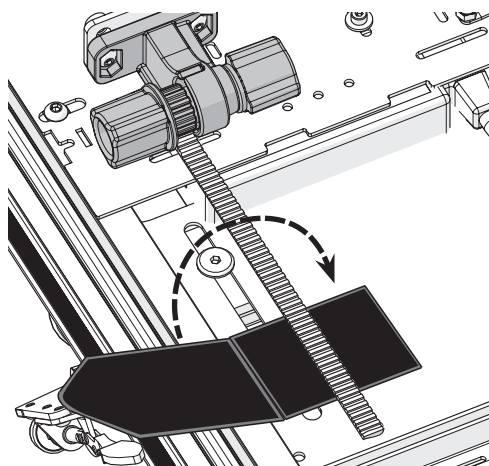
If you need to use free-motion quilting instead of the QuiltMotion automation, detaching the short belt from your machine or top plate helps you move your machine more freely across the frame.

Take the following steps to remove the short belt from your machine or top plate:

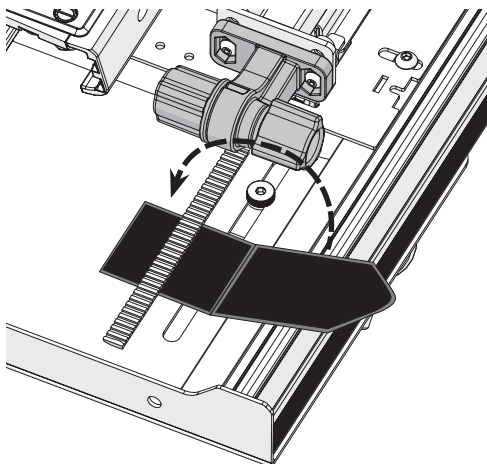
- 1 With the machine pulled forward, turn the locking knob on the rear tensioner to unlock it. Turn the ratchet knob to pull the belt out of the tensioner.



- 2 Open the velcro strap and place the loose end of the short belt inside. Close the strap over the belt to hold it in place.

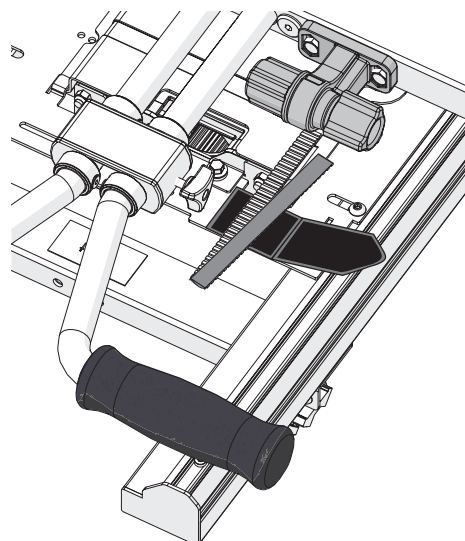


- 3 Pull the machine towards the rear of the carriage and repeat steps 1-2 for the front end of the short belt.



Note: If you are using a top plate with a domestic machine, you may need to remove the take-up rail and adjust the carriage stop bracket in order to move the top plate back enough to access the front velcro strap. See your frame manual for instructions.

Tip: If your velcro straps are on the motor plate you can fold the belt back again to help secure the extra belt in place.



- 4 Slightly loosen the tensioner on the right side of the frame. Loosen the belt just enough that the belt is no longer taut, but doesn't bow toward the frame table (or floor if there is no table).

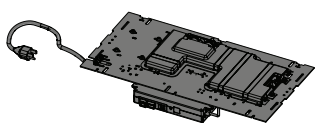
Note: Don't forget to thread the belts back into the tensioners and re-tension the belts when you are ready to switch back to automation.

Included Parts and Tools

Level One

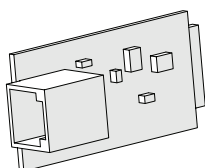
Main Box

Motor Plate



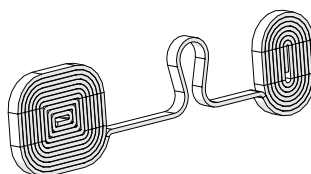
QMN-09-10780

Long Arm Sewing Board



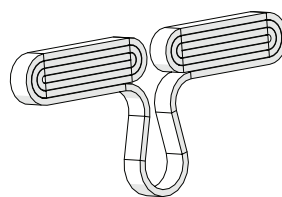
QMN-02-12760
(Pre-installed)

Long Belt



QMN-02-10791
(Pre-installed)

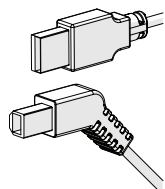
Short Belt



QMN-02-10790
(Pre-installed)

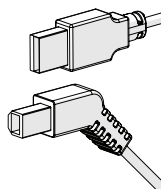
Box A

7' QuiltMotion USB Cable



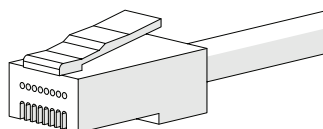
QMN-02-10798

Q'nique to QuiltMotion USB



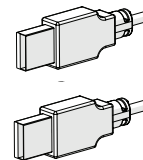
QMN-02-12764

6P/6C QuiltMotion Cable



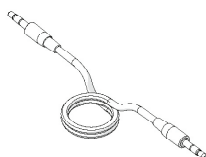
QMN-02-12866

Male to Male USB Adapter



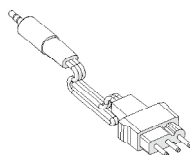
QMN-02-12763

Sewing Cable (Juki 98)



ELE-02-13107

Sewing Cable 3 Prong (Janome)



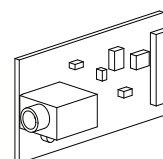
ELE-02-12442

Sewing Cable (Juki 2000Q/2010Q)



JUK-02-12906

Grace Domestic Sewing Board



QMN-02-12854

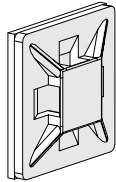
Box A Continued

Zip Ties (x8)



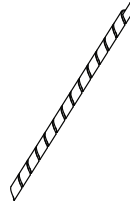
MIS-08-10804

Zip Tie Mount (x6)



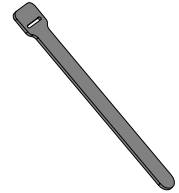
MIS-08-10805

Cable Wrap



MIS-08-10806

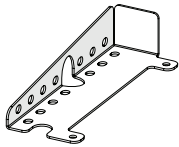
Velcro Strips



MIS-08-10807

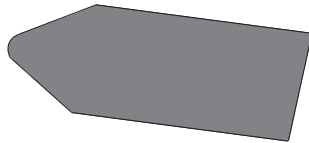
Box B

Cable Guide Tray



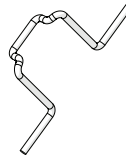
QMN-04-15178

Velcro Belt Strap (x3)



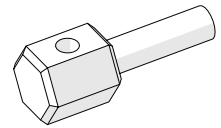
QMN-08-15181

USB Cable Retainer (x2)



QMN-04-15176

Retainer Screws M3 x 10 mm (x4)



QMN-03-15177

Zip Ties (x4)

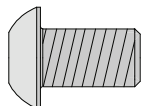


MIS-08-10804

Included Parts and Tools

Box C

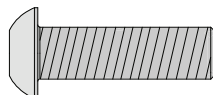
SBHCS
M5 x 10 mm (x8)



HDW-03-10073

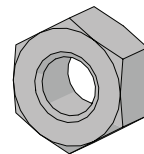
Box D

SBHCS
M6 x 20 (x5)



HDW-03-10088

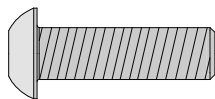
Hex Nut
M6 (x5)



HDW-03-10085

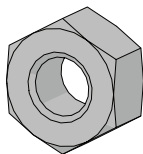
Box E

SBHCS
M6 x 20 (x5)



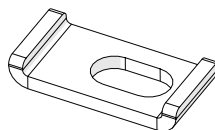
HDW-03-10088

Hex Nut
M6 (x5)



HDW-03-10085

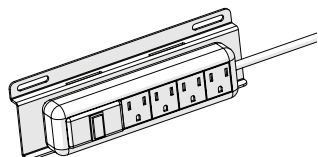
Motor Plate
Clamp (x5)



QMN-04-10781

Box F

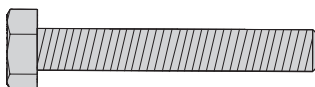
Power Strip



QMN-02-10789

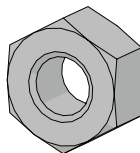
Box F 1

Hex Bolt
M6 x 40 mm (x2)



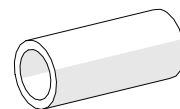
HDW-03-10808

Hex Nut
M6 (x4)



HDW-03-10085

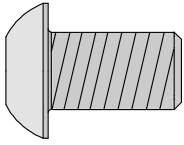
Spacer 6 mm (x2)



QMN-03-12865

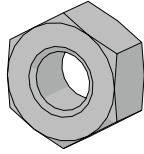
Box F 2

**SBHCS
M6 x 10 mm (x2)**



HDW-03-10124

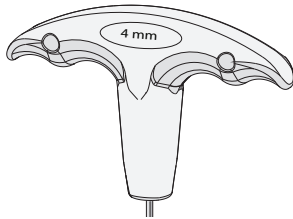
**Hex Nut
M6 (x4)**



HDW-03-10085

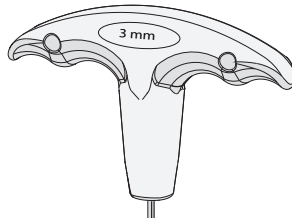
Box G

**T-handle Allen
Wrench 4 mm**



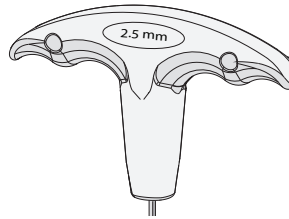
HDW-03-13114

**T-handle Allen
Wrench 3 mm**



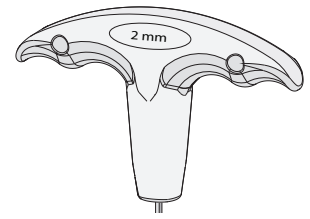
HDW-03-13115

**T-handle Allen
Wrench 2.5 mm**



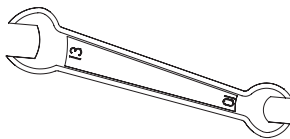
HDW-03-13116

**T-handle Allen
Wrench 2 mm**



HDW-03-13117

**Open-end Wrench
10 mm & 13 mm**



HDW-03-10743

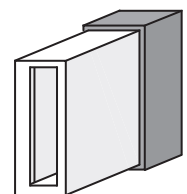
**Allen Wrench
3 mm**



HDW-03-10166

QCT Software Box

**Software
Thumbdrive**

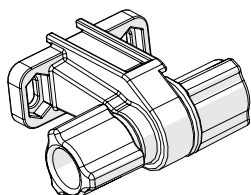


QMN-09-13864

Level Two

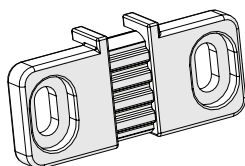
Box I

Belt Tensioner



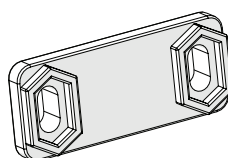
QMN-09-13193

Back Belt Clamp



QMN-05-10787

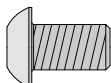
Front Belt Clamp



QMN-05-10788

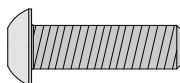
Box J

SBHCS M5 x 10 mm (x2)



HDW-03-10073

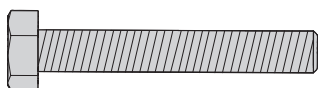
SBHCS M5 x20 mm (x2)



HDW-03-11983

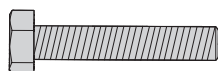
Box K

Hex Bolt M6 x 40 mm (x2)



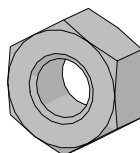
HDW-03-10808

Hex Bolt M6 x 30 mm (x2)



HDW-03-10728

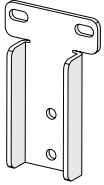
Hex Nut M6 (x4)



HDW-03-10085

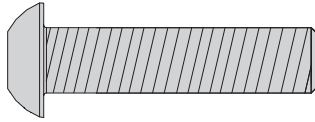
Box L

**Frame Belt
Bracket (x2)**



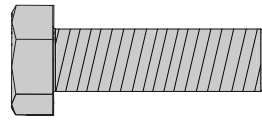
QMN-04-12842

**SBHCS
M6 x 25 mm (x4)**



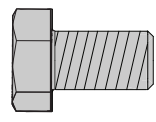
HDW-03-10215

**Hex Bolt
M6 x 20 mm (x2)**



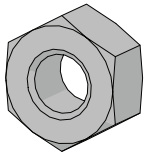
HDW-03-10810

**Hex Bolt
M6 x 10 mm (x2)**



HDW-03-10809

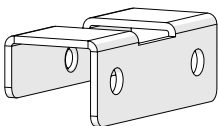
**Hex Nut
M6 (x4)**



HDW-03-10085

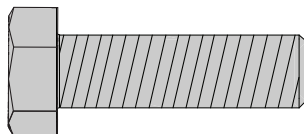
Box M

**NG QM Belt
Bracket (x2)**



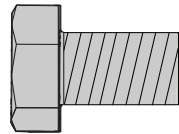
QMN-04-12845

**Hex Bolt
M6 x 20 mm (x2)**



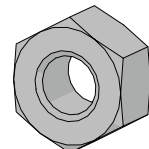
HDW-03-10810

**Hex Bolt
M6 x 10 mm (x2)**



HDW-03-10809

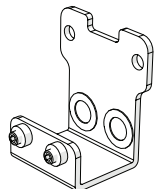
**Hex Nut
M6 (x4)**



HDW-03-10085

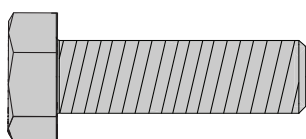
Box N

**Frame Belt
Bracket QZH (x2)**



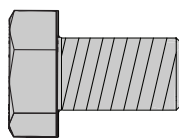
QMN-04-12843

**Hex Bolt
M6 x 20 mm (x2)**



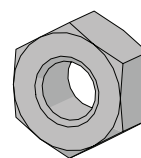
HDW-03-10810

**Hex Bolt
M6 x 10 mm (x2)**



HDW-03-10809

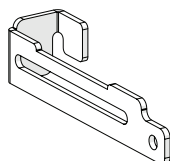
**Hex Nut
M6 (x4)**



HDW-03-10085

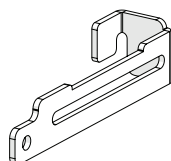
Box O

**Majestic QM
Belt Bracket Left**



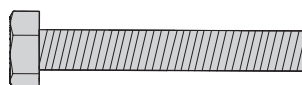
QMN-04-12846

**Majestic QM
Belt Bracket Right**



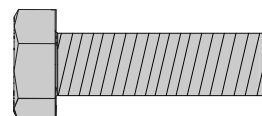
QMN-04-12847

**Hex Bolt
M6 x 40 mm (x2)**



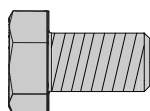
HDW-03-10808

**Hex Bolt
M6 x 20 mm (x2)**



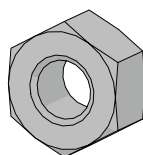
HDW-03-10810

**Hex Bolt
M6 x 10 mm (x2)**



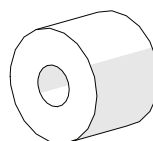
HDW-03-10809

**Hex Nut
M6 (x4)**



HDW-03-10085

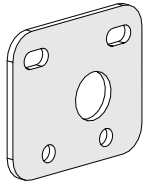
Spacer 6 mm (x2)



QMN-05-12864

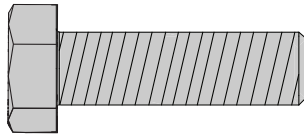
Box P

SR2+ QM Belt
Bracket (x2)



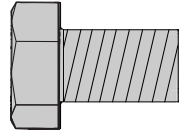
QMN-04-11425

Hex Bolt
M6 x 20 mm (x2)



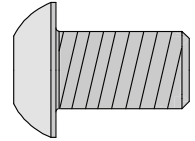
HDW-03-10810

Hex Bolt
M6 x 10 mm (x2)



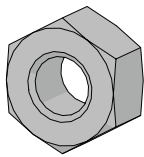
HDW-03-10809

SBHCS
M6 x 10 mm (x4)



HDW-03-10124

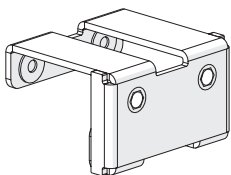
Hex Nut
M6 (x4)



HDW-03-10085

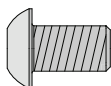
Box Q

Continuum QM
Belt Bracket (x2)



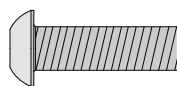
QMN-04-11803

SBHCS
M5 x 10 mm (x2)



HDW-03-10073

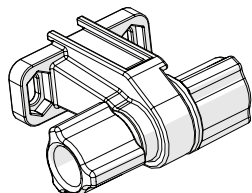
SBHCS
M5 x20 mm (x2)



HDW-03-11983

Box R

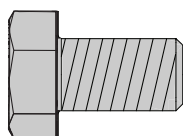
Belt Tensioner (x2)



QMN-09-13193

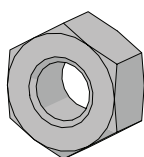
Box S

**Hex Bolt
M6 x 10 mm (x2)**



HDW-03-10809

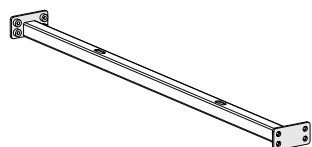
**Hex Nut
M6 (x4)**



HDW-03-10085

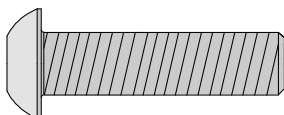
Box T

Top Belt Bracket



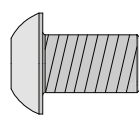
SMP-04-11752

**SBHCS
M6 x 25mm (x2)**



HDW-03-10215

**SBHCS
M5 x 10 mm (x4)**

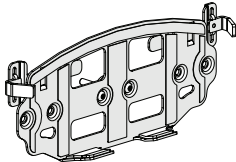


HDW-03-10073

Level Three

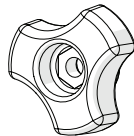
Box U

Tablet Tray



QMN-09-12910

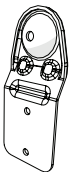
M6 Knob



PLA-05-10320

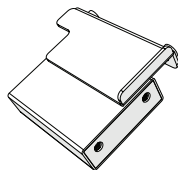
Box V

QCT Bracket Top Plate



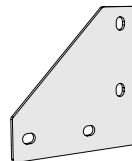
QMN-09-12910

Spacer Plate



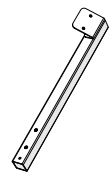
QMN-09-12910

Attachment Plate



QMN-09-12910

QCT Height Bar



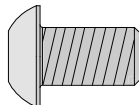
QMN-09-12910

Thumb Screw M5 x 10 mm (x2)



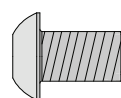
HDW-03-14896

SBHCS M5 x 10 mm (x8)



HDW-03-10073

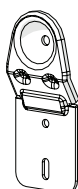
SBHCS M4 x 8 mm (x2)



HDW-03-10175

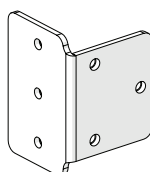
Box W

**QCT Bracket
Top Plate**



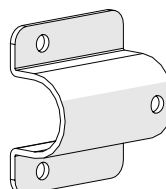
QMN-04-12841

**QCT Top Plate Angle
Support Bracket**



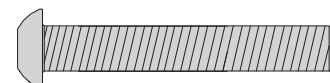
BRO-04-11454

**QCT Top Plate
U-Bracket**



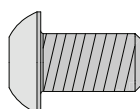
BRO-04-11455

**SBHCS
M5 x 35 mm (x1)**



HDW-03-10281

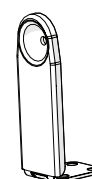
**SBHCS
M5 x 10 mm (x4)**



HDW-03-10073

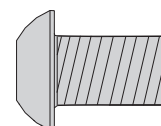
Box Z

**QCT Bracket
Q'nique 21**



QMN-04-11805

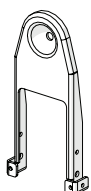
**SBHCS
M6 x 10 (x4)**



HDW-03-10124

Box X

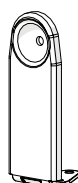
**QCT Bracket
Q'nique 15**



SMP-04-11063

Box Y

**QCT Bracket
Q'nique 19**



QMN-04-12840



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