

BUTLER

QUILTING ROBOT

Nolting Frame Assembly Instructions

Table of Contents

1

4 INCLUDED PARTS

4 Parts List

2

6 ASSEMBLY

6 Motor Box to Front of Carriage

8 Rear Pulley

9 L bracket, U Bolts

10 Carriage Adapter

11 Belts (Carriage)

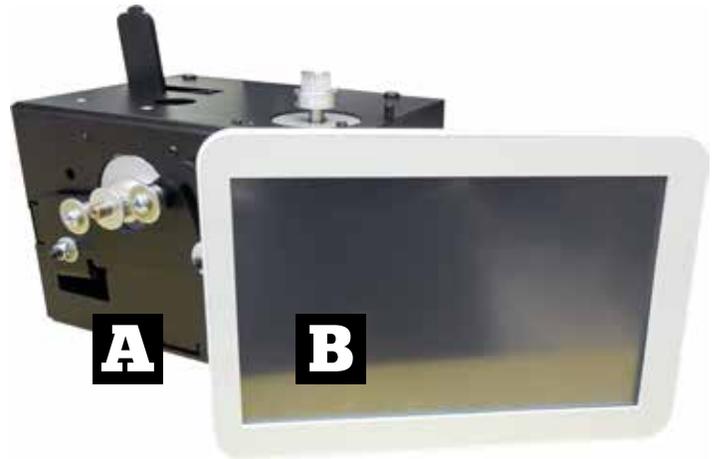
12 Belts (Frame)

13 Display

14 Appendix - How to use Belt Clamps

Included Parts

- A.** Motor Box
- B.** Touch Screen Remote
- C.** Power Cord (Not Pictured)



- D.** Carriage Adapter, L B
- E.** Frame Clamps
- F.** Black belts
- G.** Hardware
- H.** Motor Bracket Clamp
- I.** Motor Box Bracket
- J.** White Belt
- K.** U Bolts
- L.** Rear Pulley
- M.** Carriage Bracket w/spacers



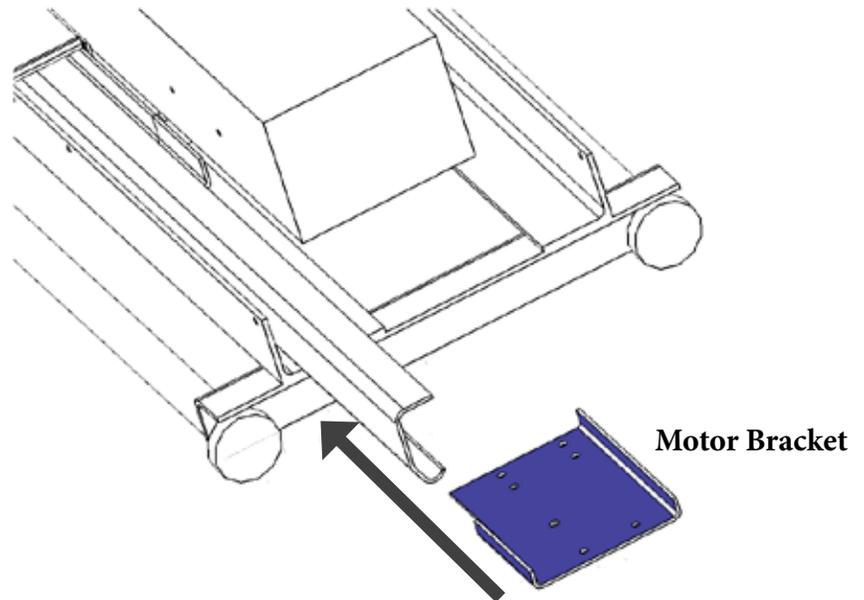
- N.** Eye bolts (Not Pictured)
- O.** Belt Clamps, screws (Not Pictured)

Assembly

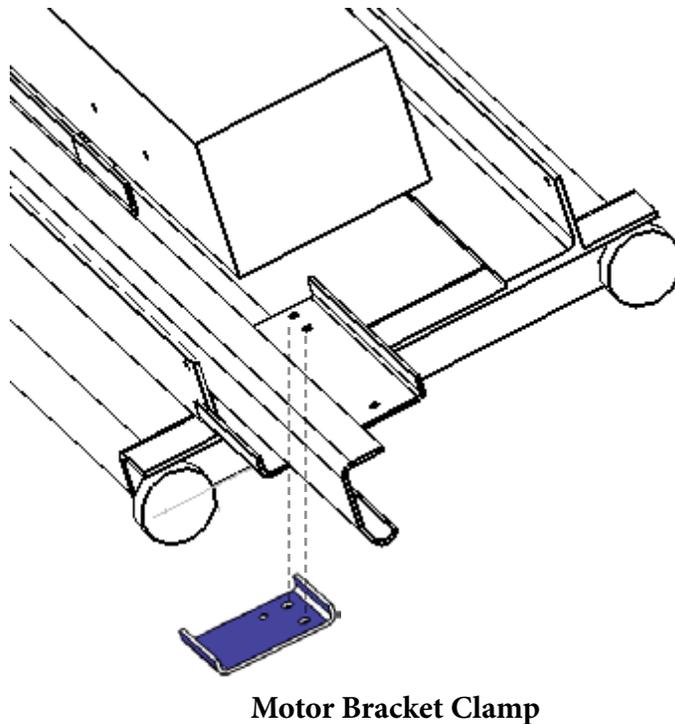
Motor Box to Front of Carriage

- 1** Slide the motor bracket onto the front of the carriage.

Ensure the notched portion slides into place.

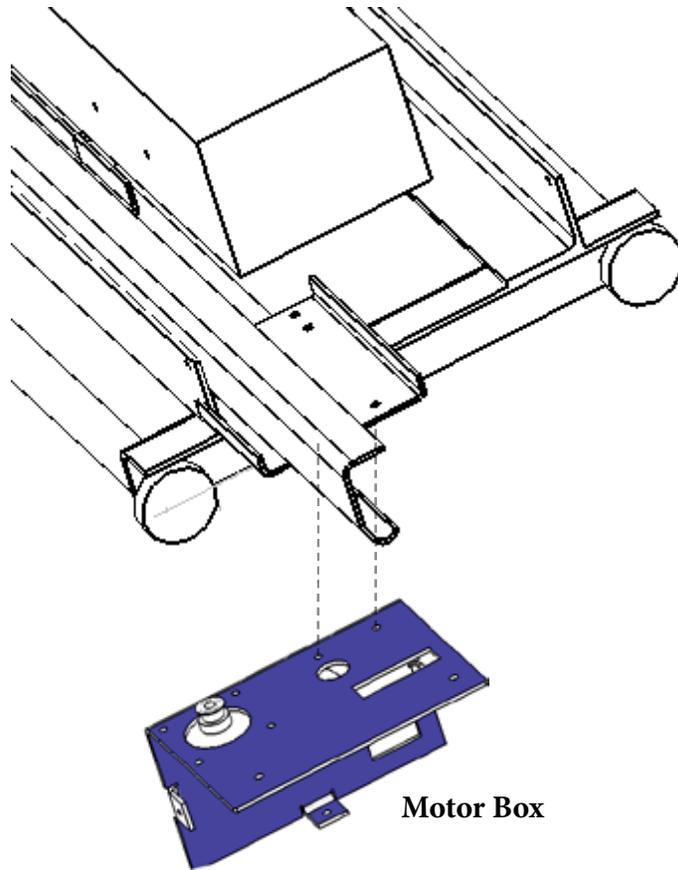


- 2** Attach the clamp from underneath the carriage using the provided screws.



3

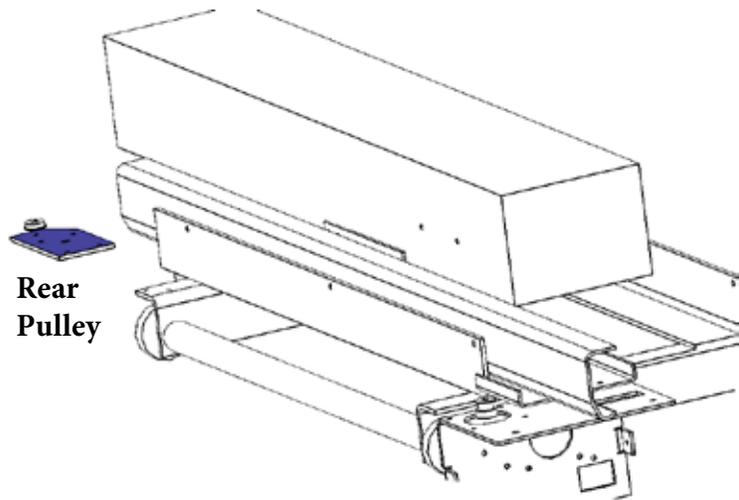
Align the motor box with the two holes on the motor bracket and attach using the provided screws.



Motor Box

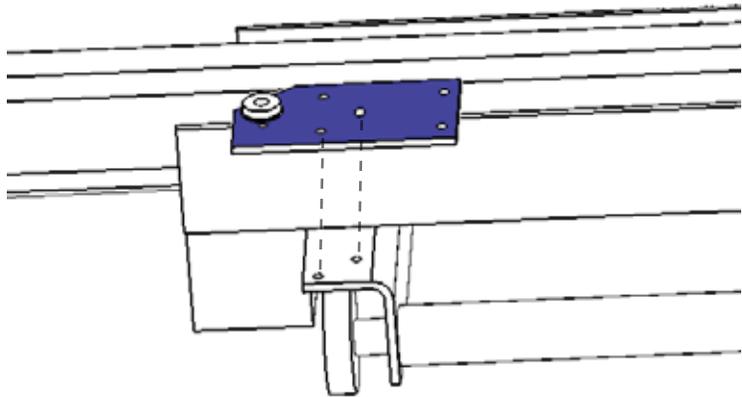
Rear Pulley

- 1 Attach the Rear Pulley to the back of the carriage on the same side as the motor box.



- 2 Align the two holes diagonally with the factory drilled holes and attach with the provided screws.

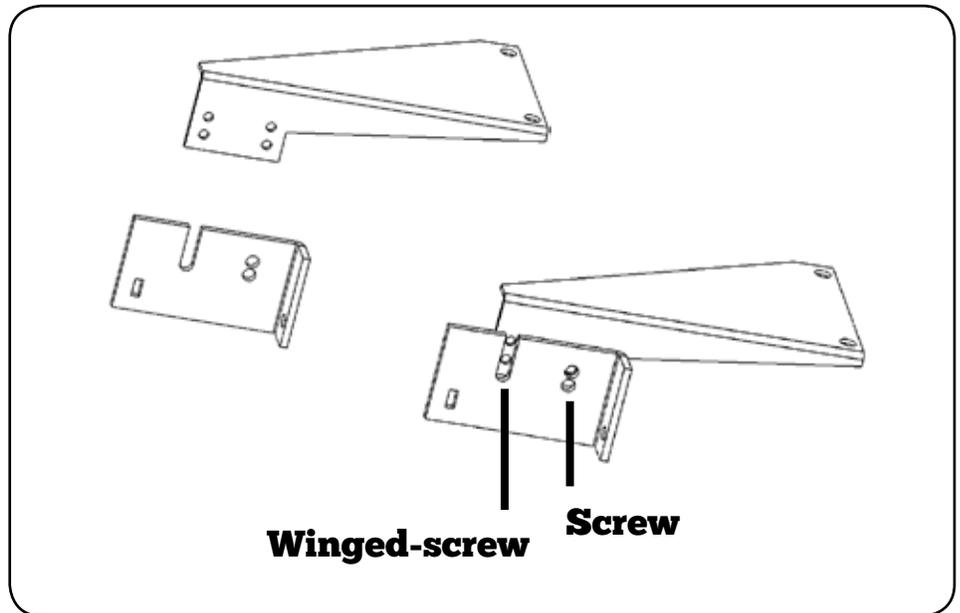
(You will need to remove the horizontal clamp that is currently using these holes.)



Black Belt and Bracket Assembly

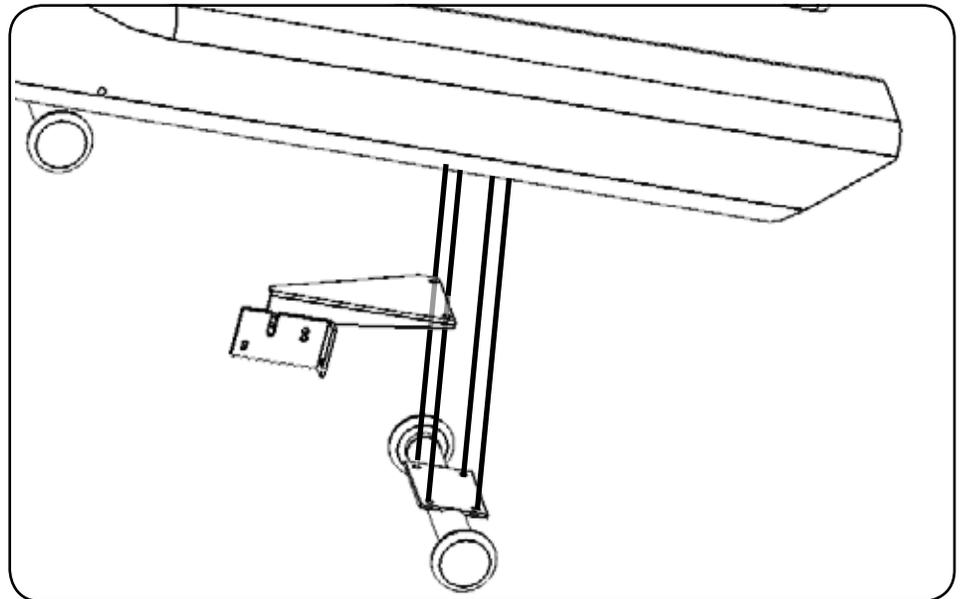
- 1** Attach the belt bracket to the carriage bracket with the winged crew and screw.

(Bag# 47)



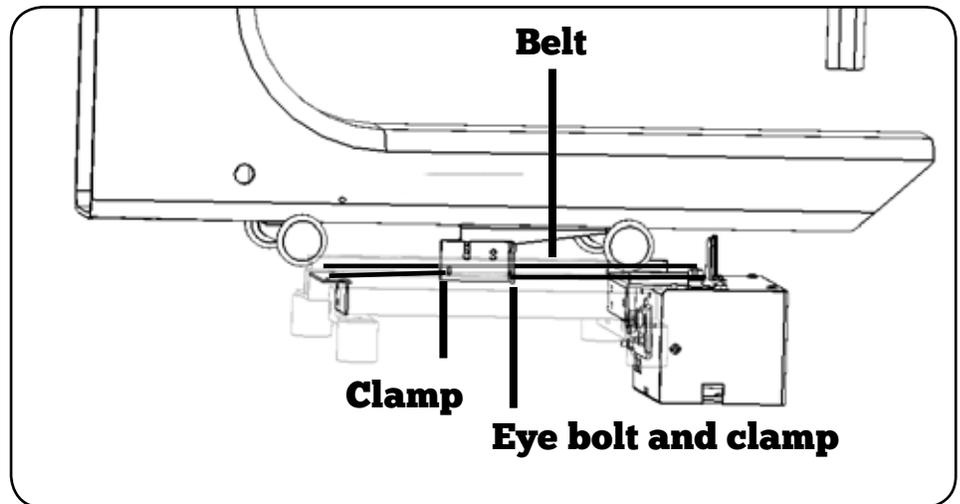
- 2** Remove the front wheel axle and sandwich the carriage bracket between the wheels and the machine.

Align carriage bracket with axle screw holes and reattach axle to machine.

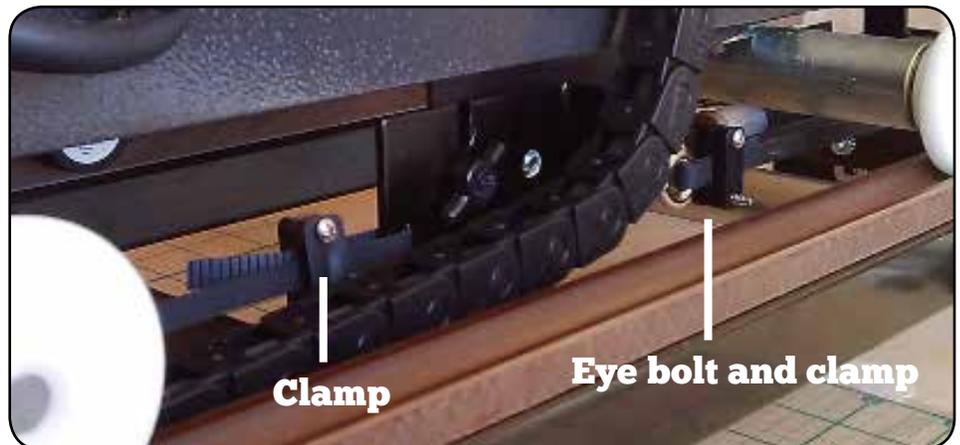


3 Wrap black belt around the motor box and idle pulleys, teeth facing inward.

Use eye bolts and belt clamps to attach black belt to black belt bracket assembly.



See appendix A on page 13 for more on how to use belt clamps.



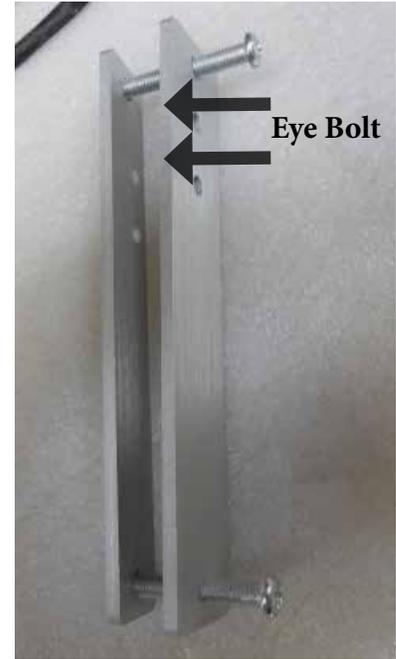
Belts (Frame)

1

Sandwich the two clamps onto both ends of the length of the frame.

With the clamps attached to either side of the frame, use the eye bolt and belt clamps to attach the white belt.

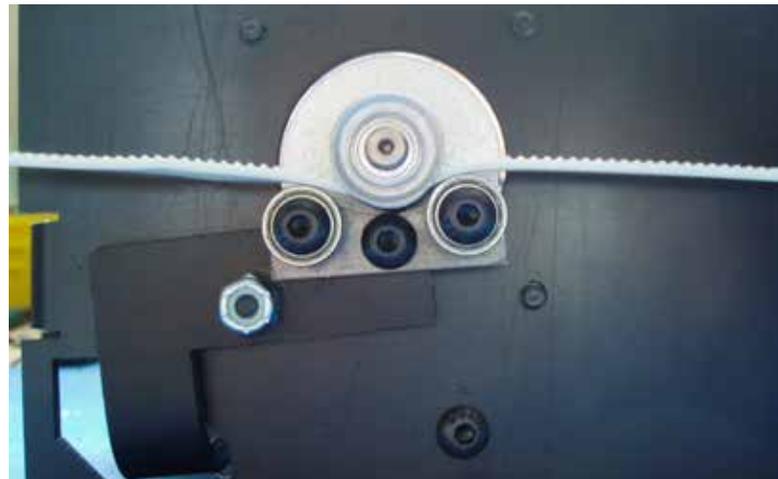
The eye bolt should attach to either of the marked holes. (Be sure that the belt attaches level with the black motor box pulley.)



2

Place the teeth of the white belt in contact with the pulley of the motor box.

To fine tune the tension, tighten the eye bolts in the clamps on either side of the frame.



See Appendix A on how to attach belt clamps.

Display

- 1** Use the two provided screws to attach the display bracket to the back of the display.



- 2** Slide the tab of the display bracket in between the faceplate and the machine frame.

Re-tighten the two faceplate screws.



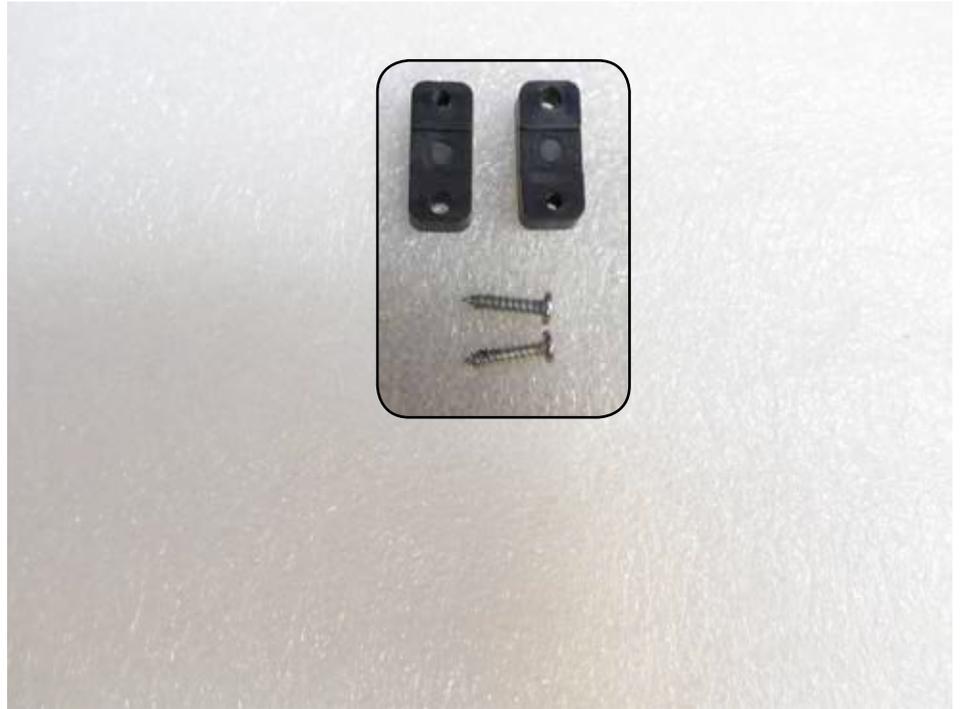
- 3** Slide the tab of the display bracket in between the faceplate and the machine frame.

Re-tighten the two faceplate screws.



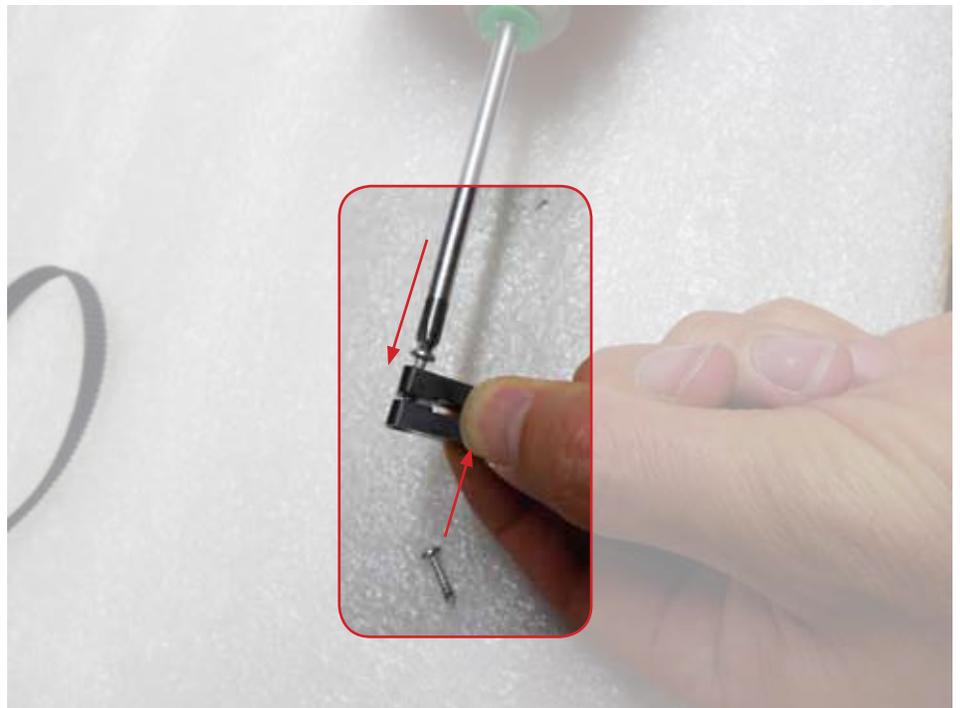
Appendix A - How to use Belt Clamps

A belt clamp consists of two clamps and two screws.



1

Using a Phillips screwdriver, insert each screw on opposite sides of the clamps and tighten halfway.



2

Thread the belt between the clamps, loop it around and reinsert it between the clamps.



3

Align the belt teeth, then finish tightening the clamps.





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