



**How to Attach
Butler Robotics to a
Nolting
(Hinterberg Summit)**

Bag #

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Picture

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Integrated Wires



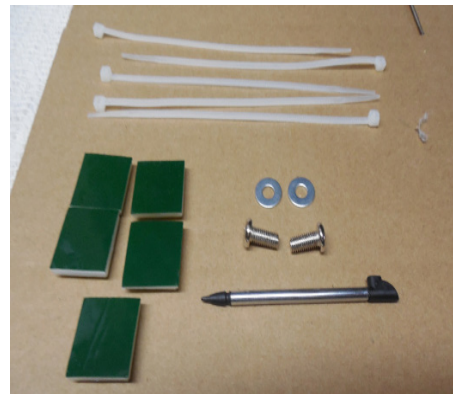
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White Belt, eyebolts, belt brackets



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Stylus, zip ties, anchor



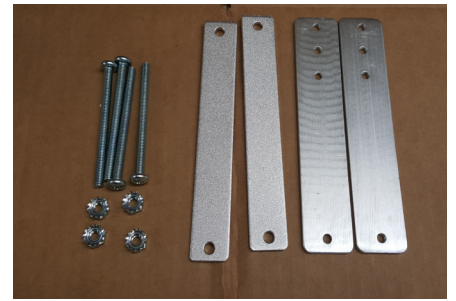
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Motor Pulley Cover



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White belt brackets



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SD Card



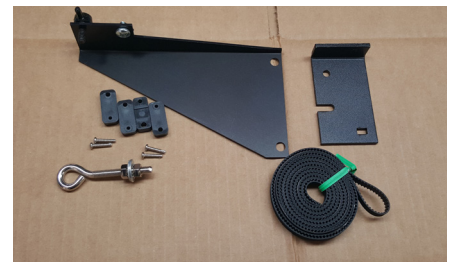
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Display Bracket



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Front Carriage Bracket

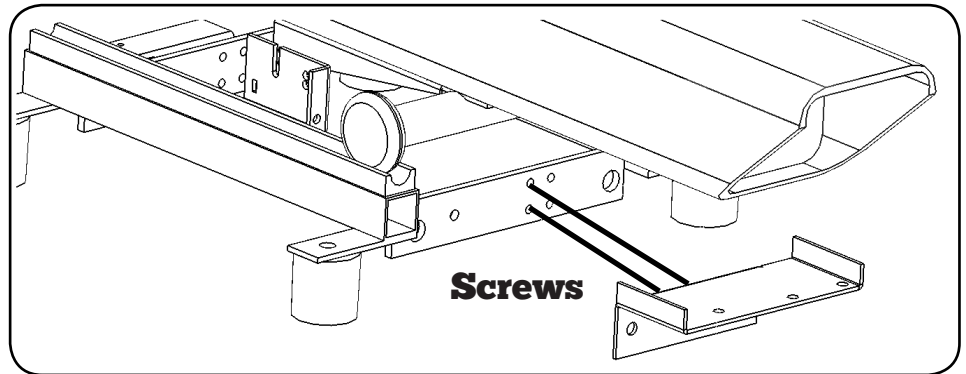


Attach the Front Carriage Bracket

1

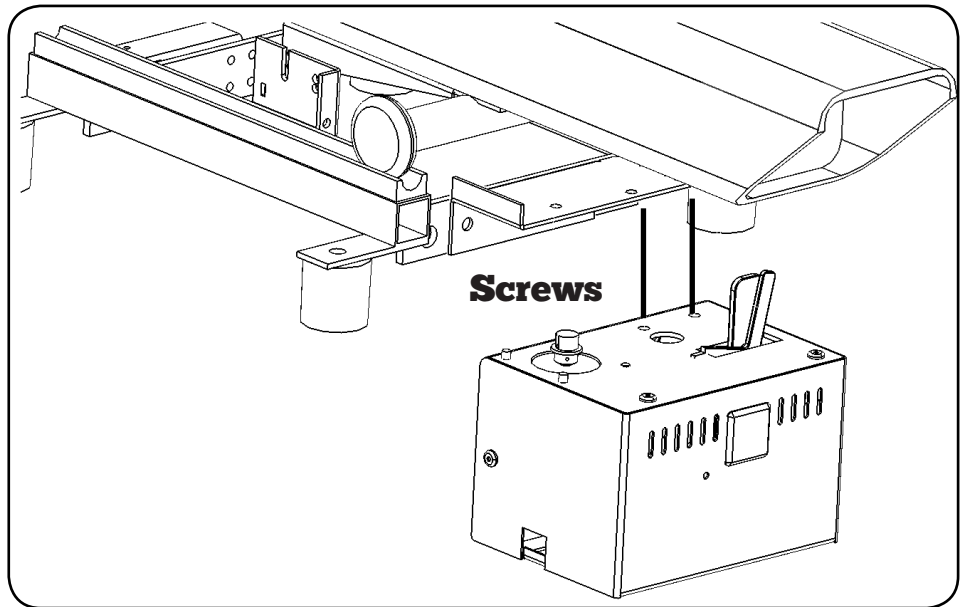
Attach Bracket to top of the carriage with provided screws and nuts.

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2

Attach motor box to bracket with provided screws.

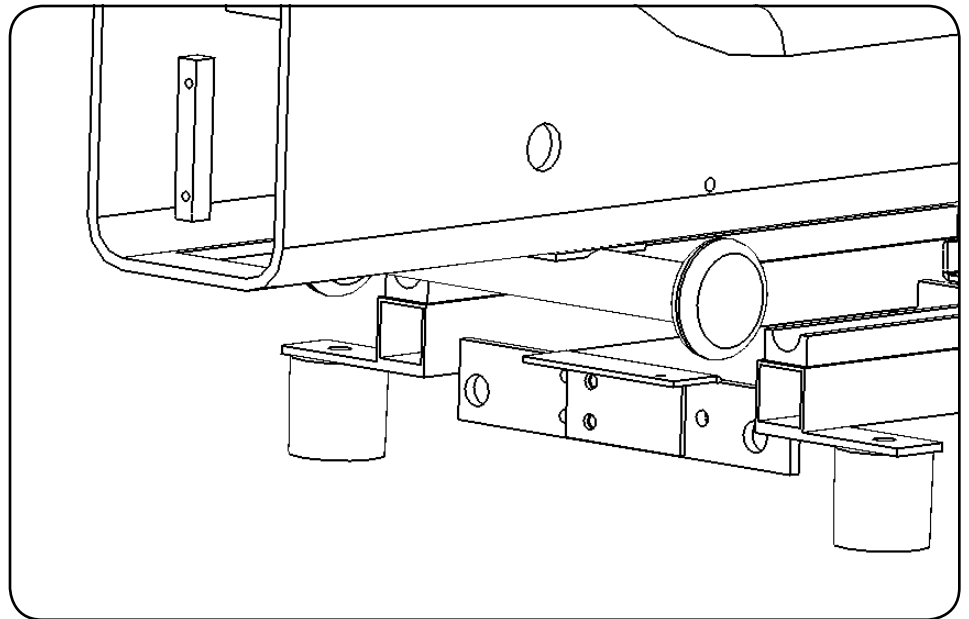
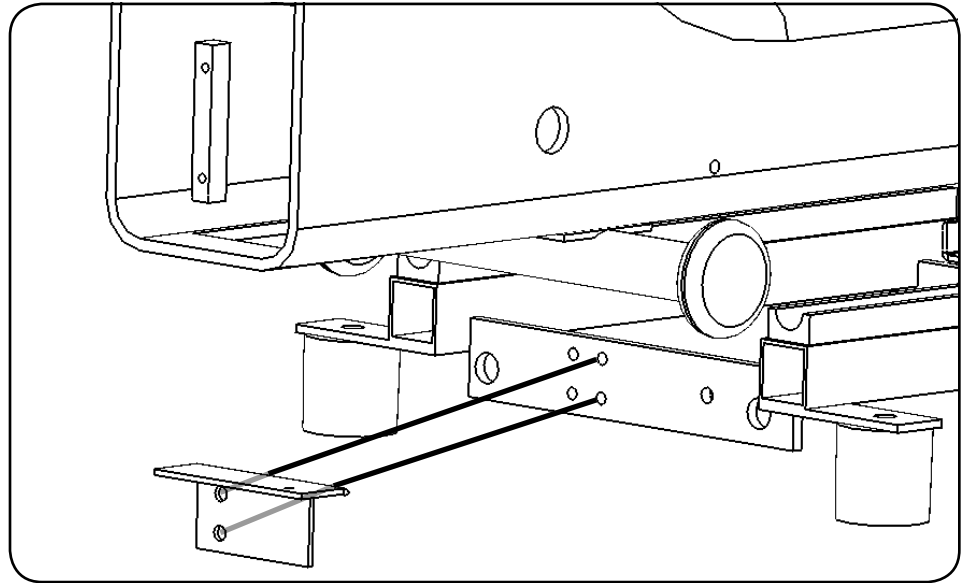


Attach the Rear Idle Bracket

1

Position the rear idle bracket at the back of the carriage. Attach with provided screws.

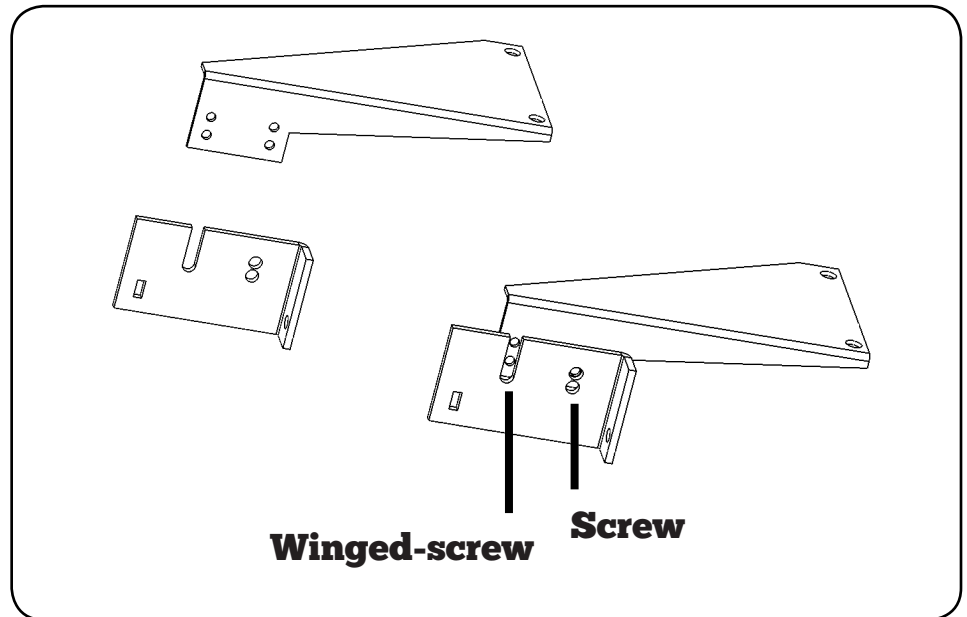
(Bag# 64)



Black Belt and Bracket Assembly

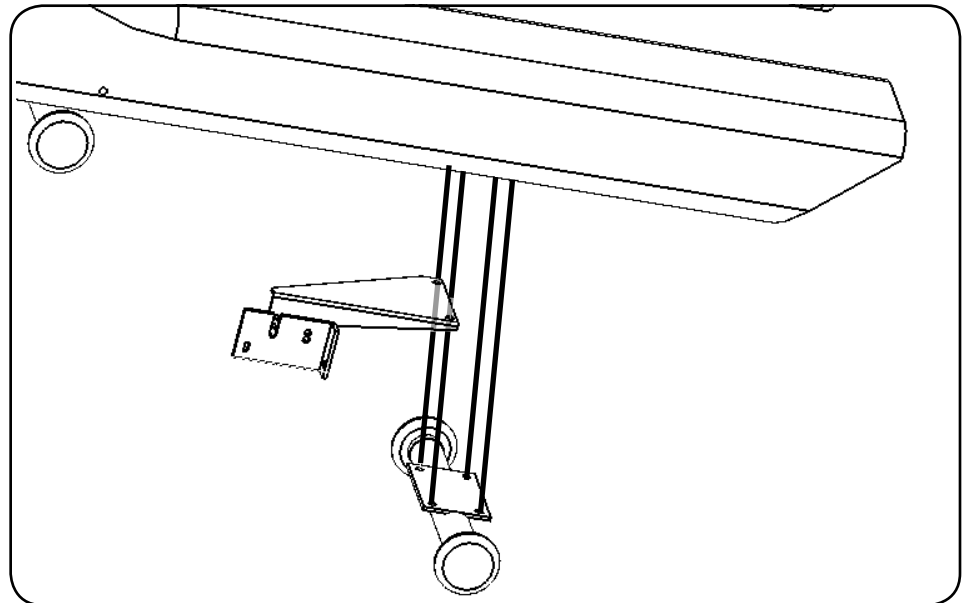
- 1** Attach the belt bracket to the carriage bracket with the winged crew and screw.

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

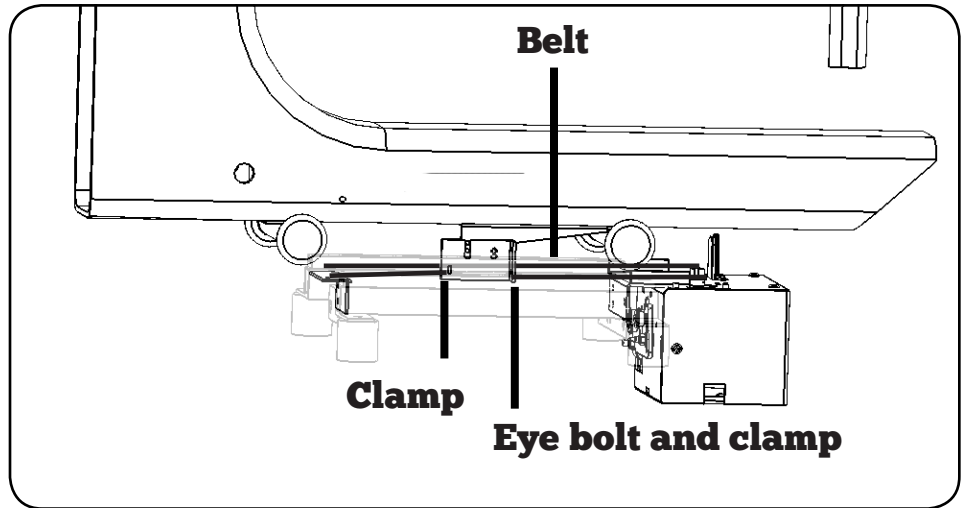
Align carriage bracket with axle screw holes and reattach axle to machine.



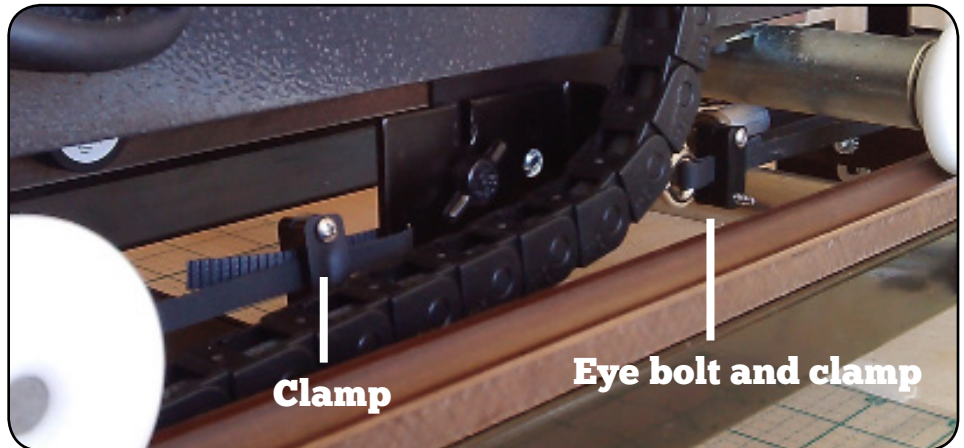
3

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 14 for more on how to use belt clamps.



White Belt

1

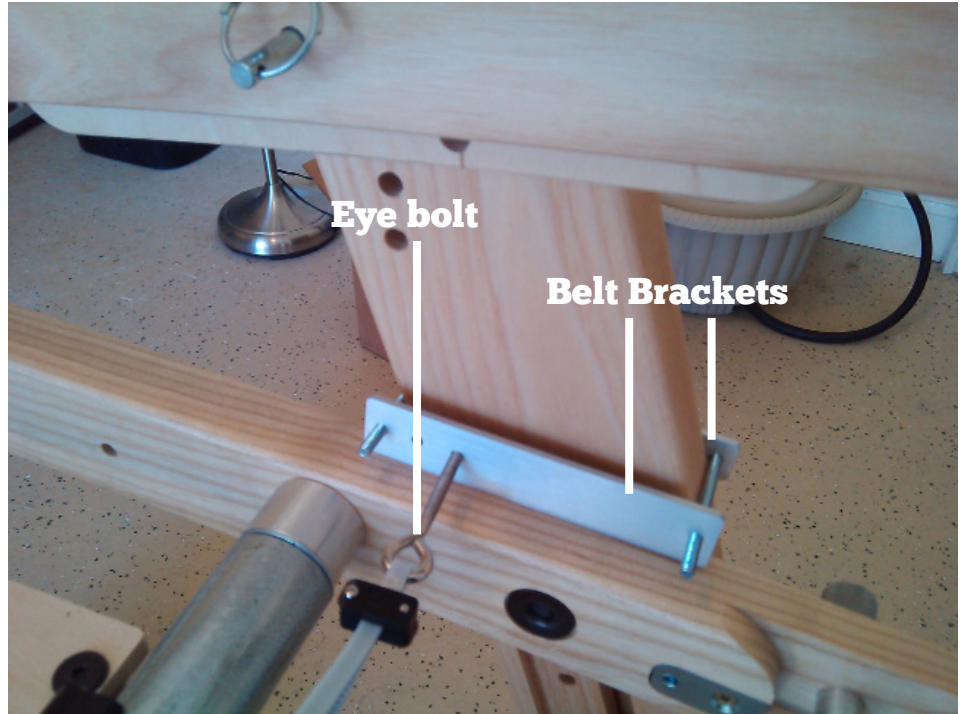
Sandwich the two belt brackets across the joint of the frame. Repeat on opposite side.

Attach the white belt to the eye bolt using the belt clamps, then screw into the brackets.

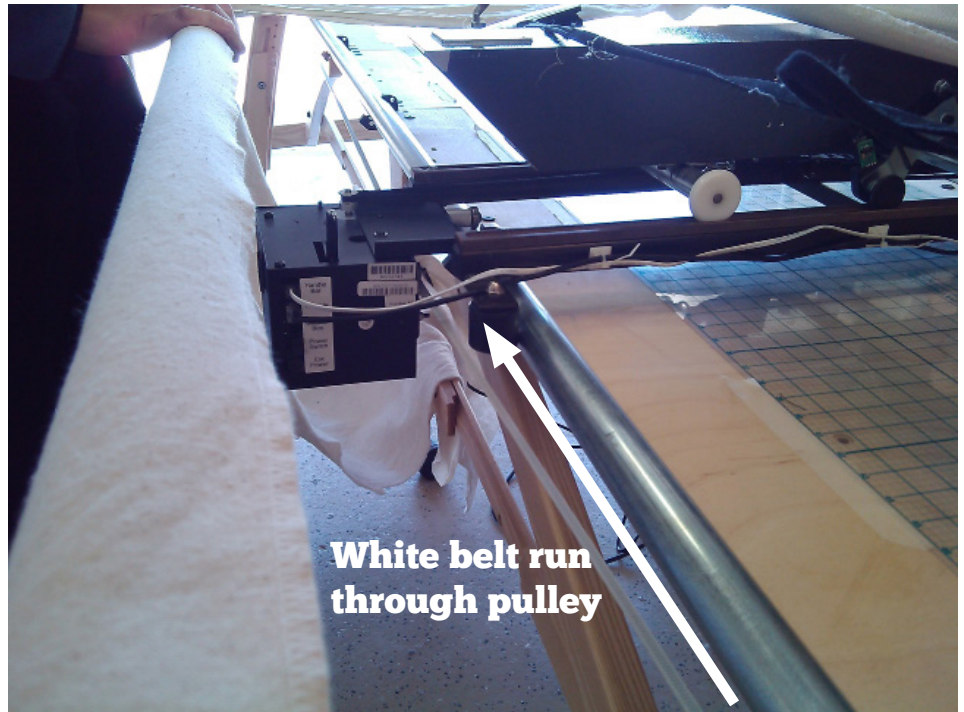
Align the white belt with the remaining pulley on the black motor box.

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(Bag# 11)



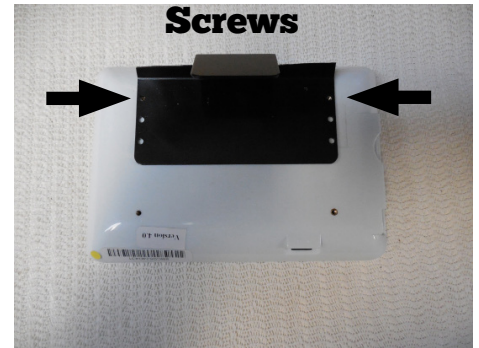
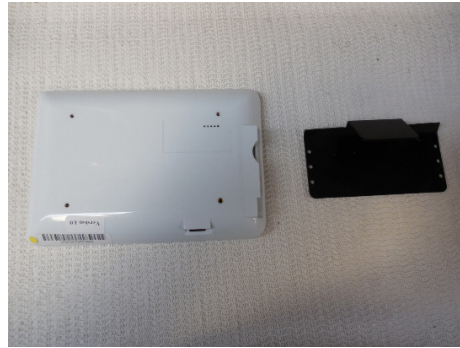
See appendix A on page 14 for more on how to use belt clamps.



Display

1

Insert SD card into display.
Attach display to display bracket with provided screws.



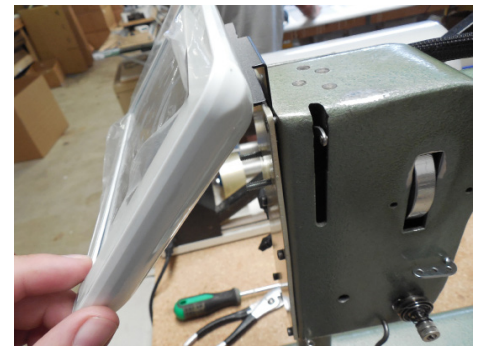
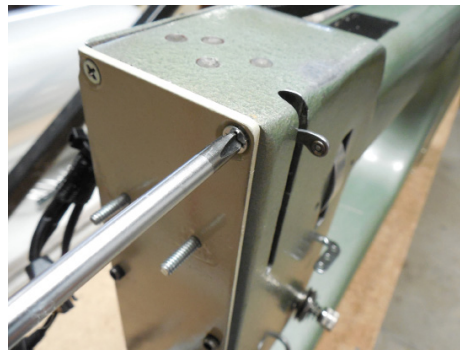
Install display onto the machine using the provided screws.

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2

Loosen faceplate screws and slide display bracket tab between faceplate and machine head. Tighten faceplate screws.



Connect Handle Bar Wires

For Standard Model

- 1** Unplug the right rear handle bar (pictured at right). Plug the handle bar wire into the start/stop wire.

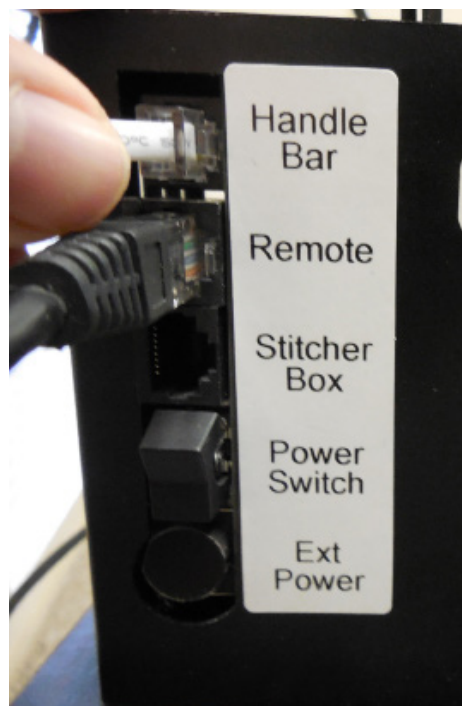
Repeat on remaining rear handle bar using the other end of the Y connector.

Note: If your machine only has one rear handle bar wire as pictured at right, you don't need to connect the needle up (remaining) connector.

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- 2** Plug the Y connector into the handle bar port of the black motor box.

Plug the display wire into the display and the other end into the remote port of the black motor box.



For Pro Model

1

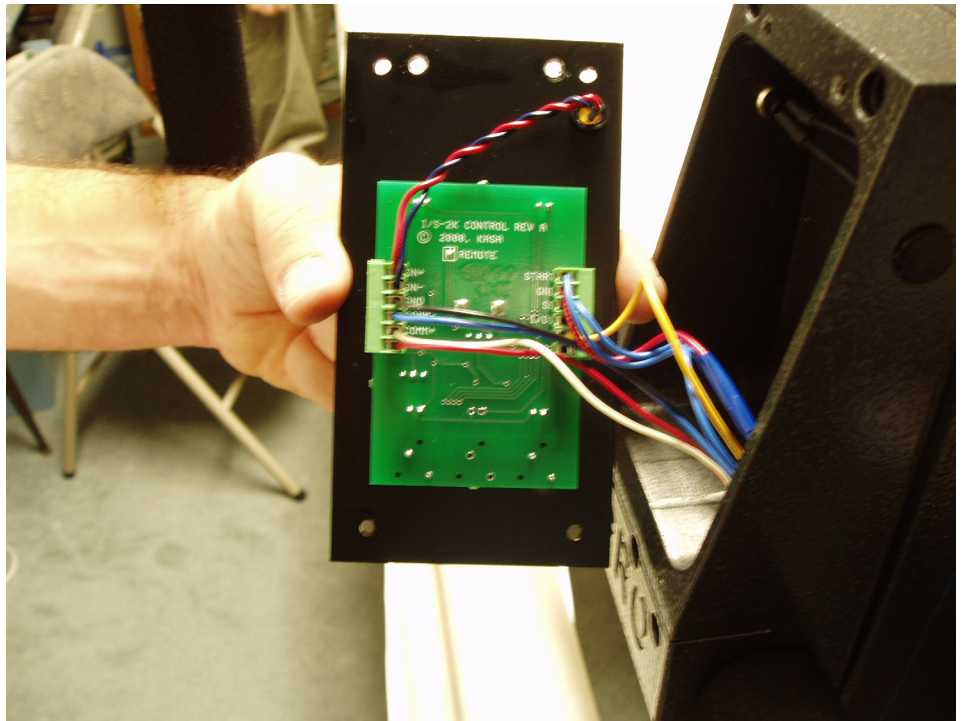
Remove the front faceplate of your stitch regulator.

Loosen screw for start, ground, and needle up.

Connect the handle bar wire ground, start/stop, and needle up into the “start,” “gnd,” and “needle up” of the faceplate.

With the wires connected, reattach the faceplate.

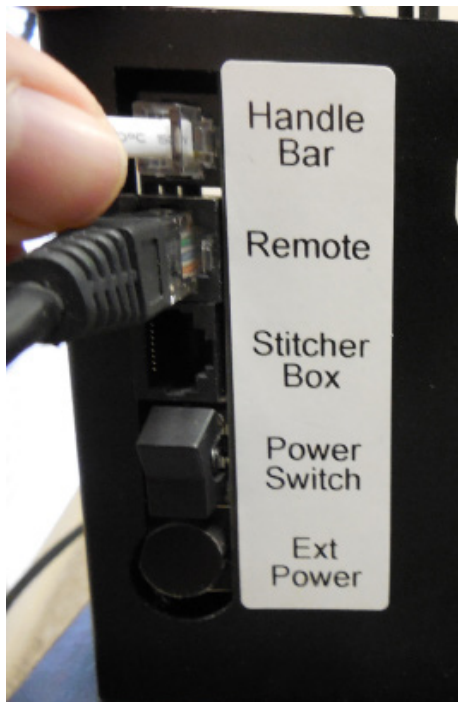
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2

Plug the handlebar wire into the handle bar port of the black motor box.

Plug the display wire into the display and the other end into the remote port of the black motor box.



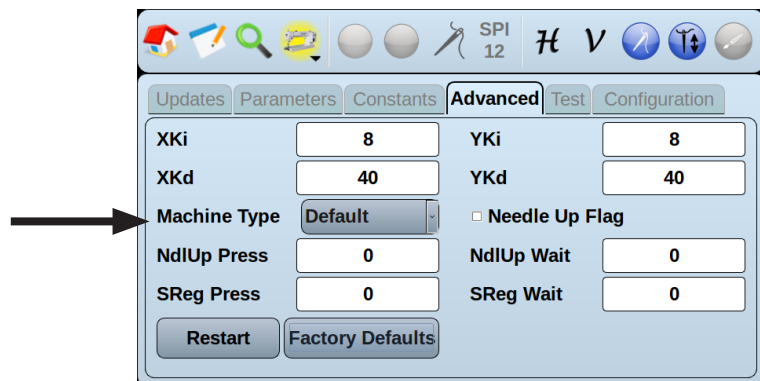
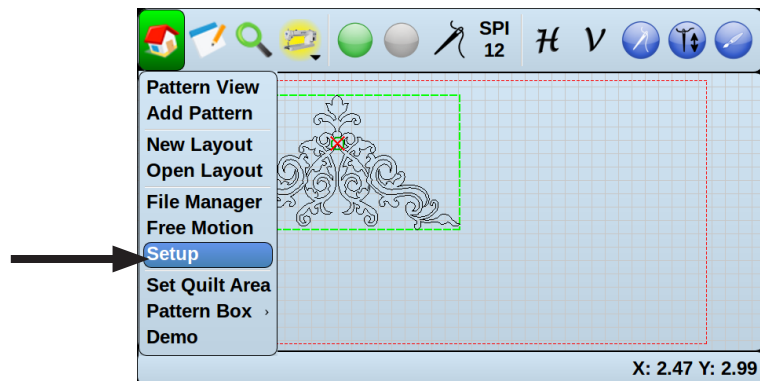
Run Cables

- 2** Use a zip ties and anchor to hold cables in place on the top of the machine and the side of the carriage. (Do not tighten zip ties until all wires are in place.)

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Set Machine Type

- 1** Power on the display, go to Setup > Advanced and set the machine type to Nolting.



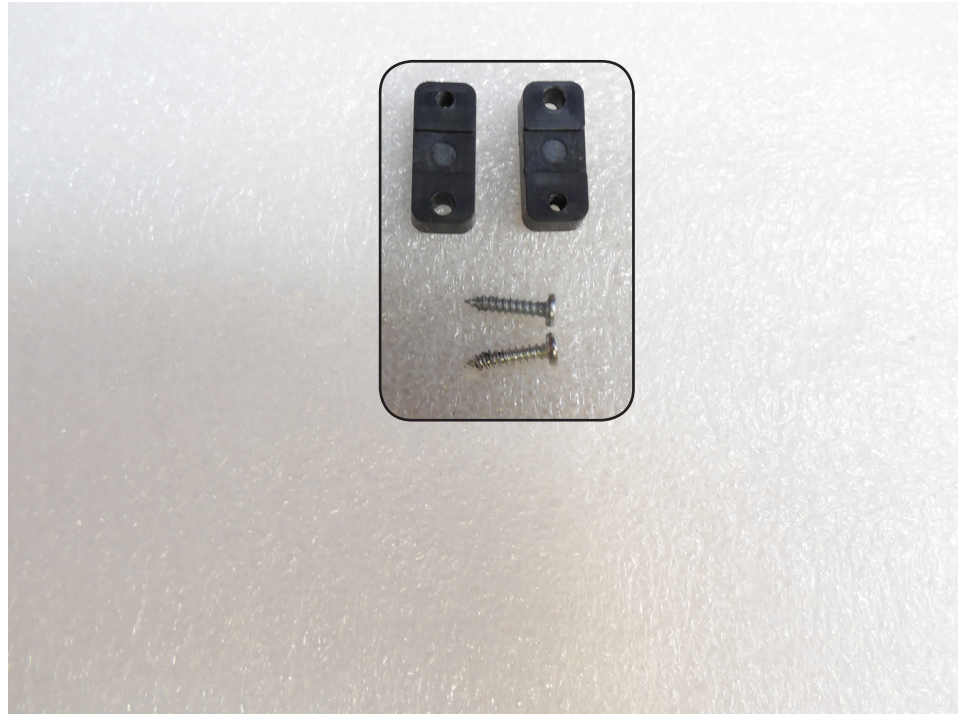
Check Belt Tension

1 A correctly tensioned belt won't be as tight as a piano string but not sagging either. Aim for a taught belt.

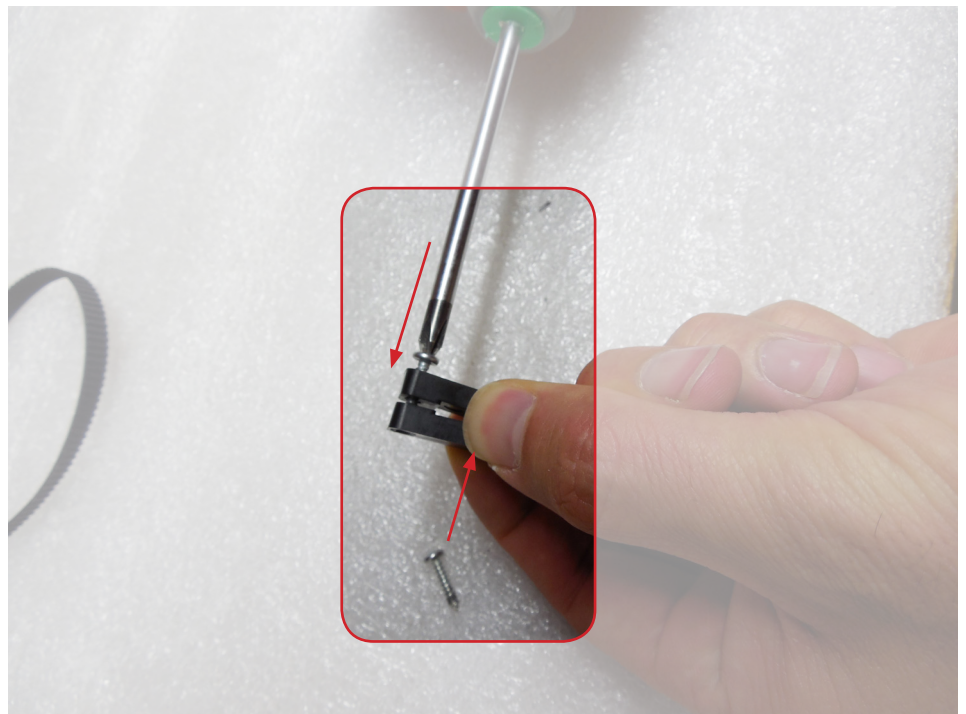
Adjust belts as necessary.

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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