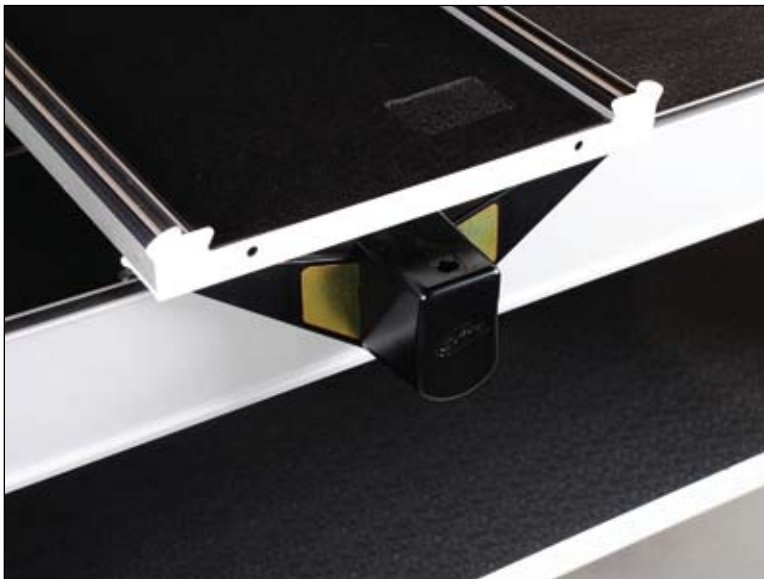


In addition to the hardware kit that you received with the QBOT, you will need the hardware in this kit to complete the installation on your frame.

The hardware kit for the Inspira Imperial frame includes:

- (8) Aluminum spacers
- (1) 1/4-20 X 1" screw
- (1) 1/4-20 nut
- (2) 6mm X 1 1/2" Screws
- (2) 6mm nuts
- (1) 1/4" fender washer
- (2) #12 SAE washers

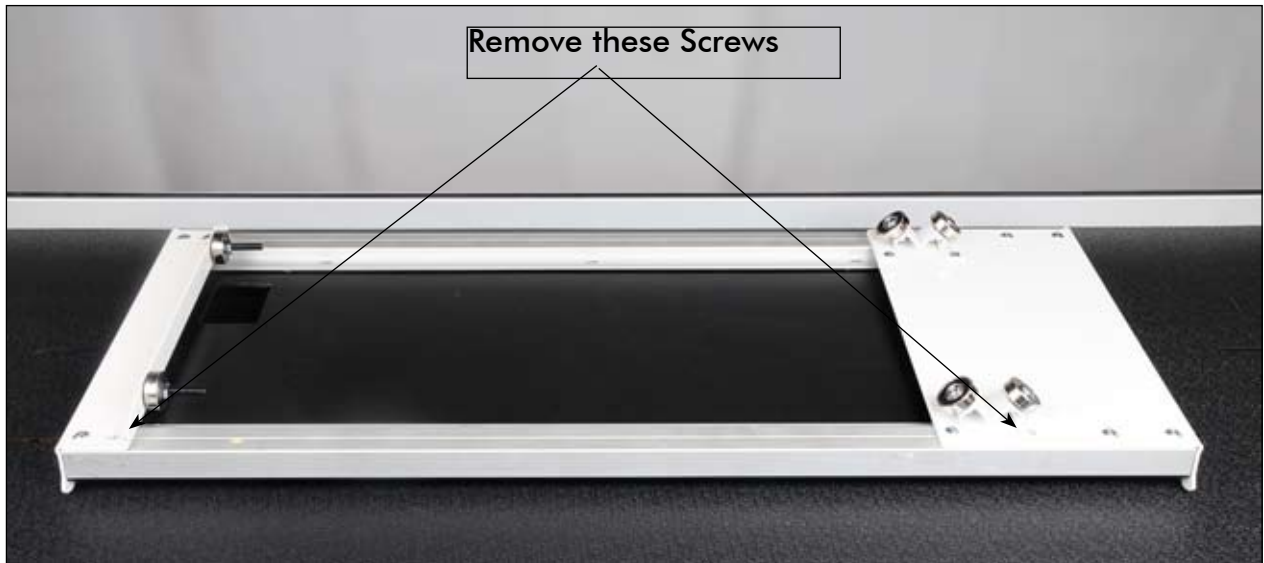


Using two of the 6mm X 1 1/2" screws, two of the aluminum spacers, and two 6mm nuts, attach a drive bracket to the rear of the lower carriage. This procedure is similar to what is shown on page 2 of your QBOT user manual. Remove the upper carriage and turn the lower carriage over. Mount the drive bracket to the two holes in the carriage as shown in the pictures below. Look closely at the pictures below to see where to place the aluminum spacers. Tighten the screws securely.



INSTALLING THE DRIVE SYSTEM

Next, install the Y-axis wire holders that came with your QBOT. Start by placing the lower carriage as shown in the photo below. Remove two screws from the locations shown and then re-install with the Y-axis brackets as shown.



Screw Removed ...



... Y-axis wire holder installed, note orientation



Screw Removed ...



... Y-axis wire holder installed, note orientation

INSTALLING THE DRIVE SYSTEM

Complete the Y-axis wire holder installation by twisting the ends of the holders as shown in the pictures. Grasp the end of the Y-axis bracket with a pair of pliers and rotate counterclockwise until the tip is flat as shown below. Repeat with the other Y-Axis wire holder.

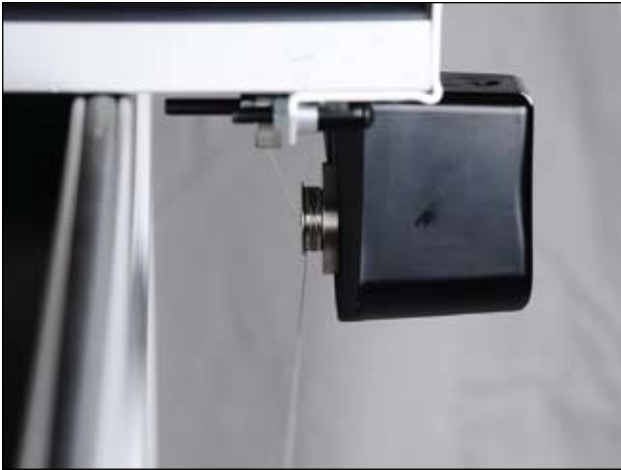


Next, attach the X-axis wire holders to the rear of the quilt frame as shown below. First remove the upper screw from the side of the quilt frame. Slide two aluminum spacers and one washer onto a 6mm X 1 1/2" screw, then install the screw loosely. Next, slide one of the X-axis wire holders onto the screw as shown. Tighten the wire holder securely as shown, keeping the upper edge of the wire holder level as shown.



INSTALLING THE DRIVE SYSTEM

Place the lower carriage on the rails as shown in the picture (below left.) Using the instructions printed in you QBOT User Manual (page 7) as a guide, secure one end of the X-axis drive wire to one of the X-axis wire holders. While keeping tension on the wire, wrap the wire TWICE (2X) around the drive wheel as shown in the pictures below. Be sure that the wire enters and exits from the BOTTOM of the drive wheel. Attach the other end of the wire to the tensioner and attach the tensioner to the X-axis wire holder on the opposite side of the frame. Rotate the barrel of the tensioner to increase tension in the wire.



Move the carriage so that the wheels ride on the tracks as shown in the picture to the right. Continue to increase tension in the wire without over-tightening. Use the tension guide in the back of your QBOT User Manual (page 39) to set proper tension in the drive wire.



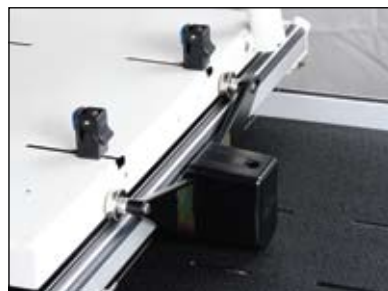
Next, install the Y-Axis drive assembly to the upper carriage. First, remove the two screws that hold the upright wheels to the upper carriage and set aside. You will not use these screws again.

INSTALLING THE DRIVE SYSTEM

Install a 6mm X 1 1/2" screw through the circular hole in the drive assembly, then slide on an aluminum spacer, the carriage wheel, and a washer as shown in the picture (below left.) Next, install the other 6mm X 1 1/2" screw through the slot in the other side of the drive bracket followed by an aluminum spacer, a washer, the carriage wheel, and a washer. Attach this assembly to the upper carriage and tighten the screws as shown.



Using the instructions in your QBOT User Manual as a guide (page 5), install the Y-axis drive wire. Wrap the wire around the drive wheel TWICE (2X) and use the tensioner to apply tension to the wire. Place the upper carriage on the lower carriage and use the tension guide on page 39 of the QBOT User Manual to set the proper tension in the wire.



INSTALLING THE DRIVE SYSTEM

Install the QBOT by inserting the 1/4-20 X 1" screw through the bracket. Place the bracket on top of the carriage handle support, slide on the fender washer and securely tighten the nut.

Follow the instructions starting on page 15 of your QBOT User Manual to make the final connections.



IMPORTANT NOTE

You must change two critical parameters on your QBOT for it to work properly with the Inspira Imperial frame. Using the instructions found on page 21 of your QBOT User Manual, change the 'X Axis Direction' and 'Y Axis Direction' parameters to a Value of '1' from the factory default of '-1.'