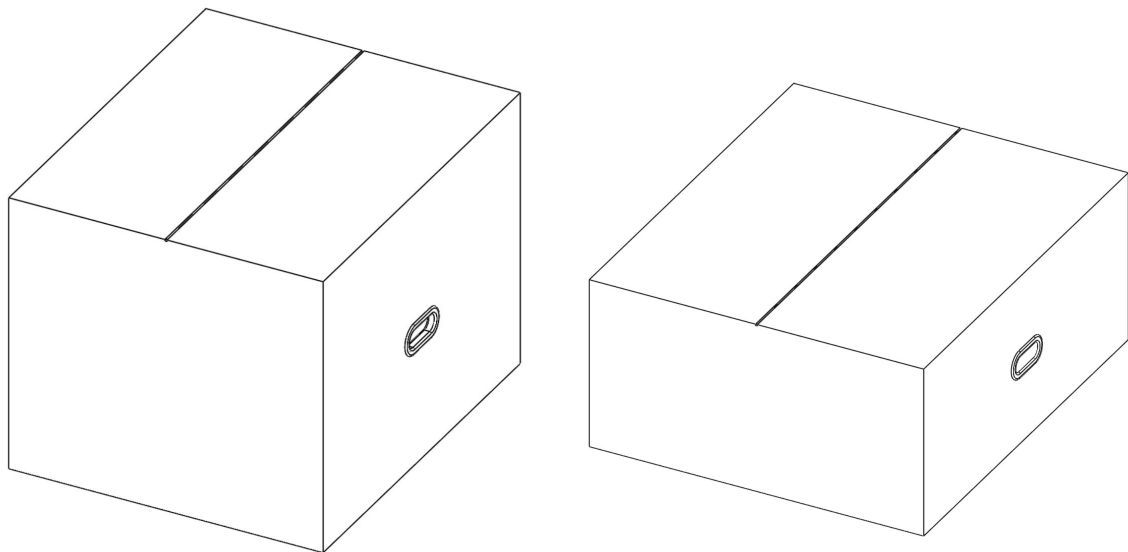


# Fiber Galvo V2 Unboxing & Assembly

The Fiber Galvo has a weight of 120 lbs. At least two people are needed to lift the boxes and remove the machine. **Do Not Lift The Boxes Alone.**



Box 1

Box 2

Fig. 1

## Unboxing Steps:

Follow these instructions for best results:

1. **Prepare Work Space:** You will need an open, level work space to place your laser cutter. A sturdy table with room for the machine ( 25.5" x 13" x 23.5 for the main unit and 18.5" x 8" x 16.5 for the workspace) is recommended. Be sure the table is free of clutter and can support a minimum of 400lbs (the machine itself weighs 120 lbs).
2. **Place Box:** Place your boxes on or near your table before opening them, using either a pair of scissors

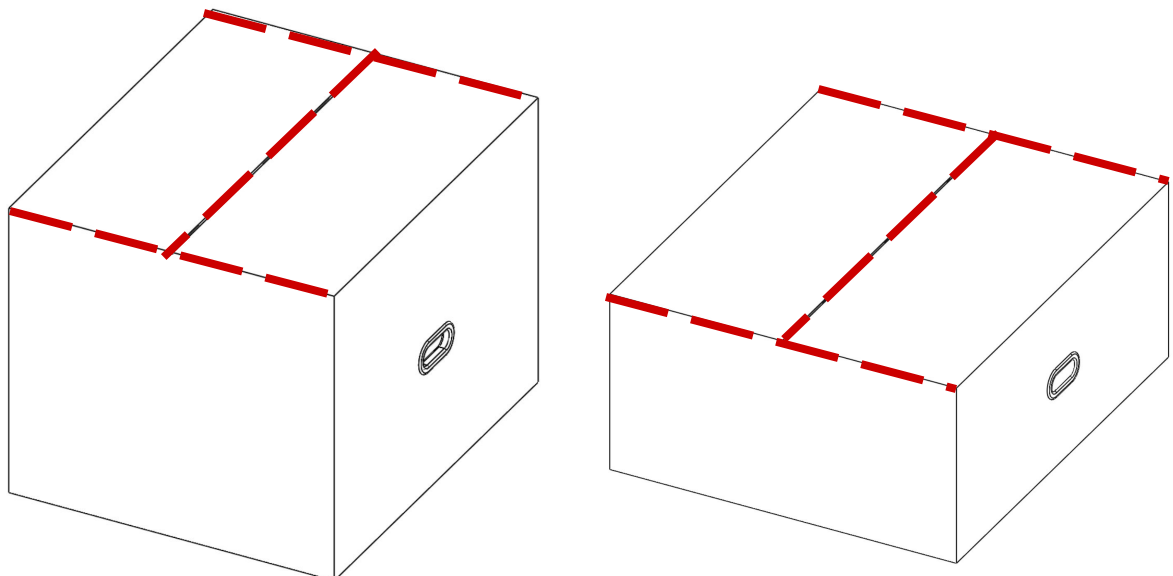


Fig. 2

3. Open Box 1 and remove the top layer of foam.

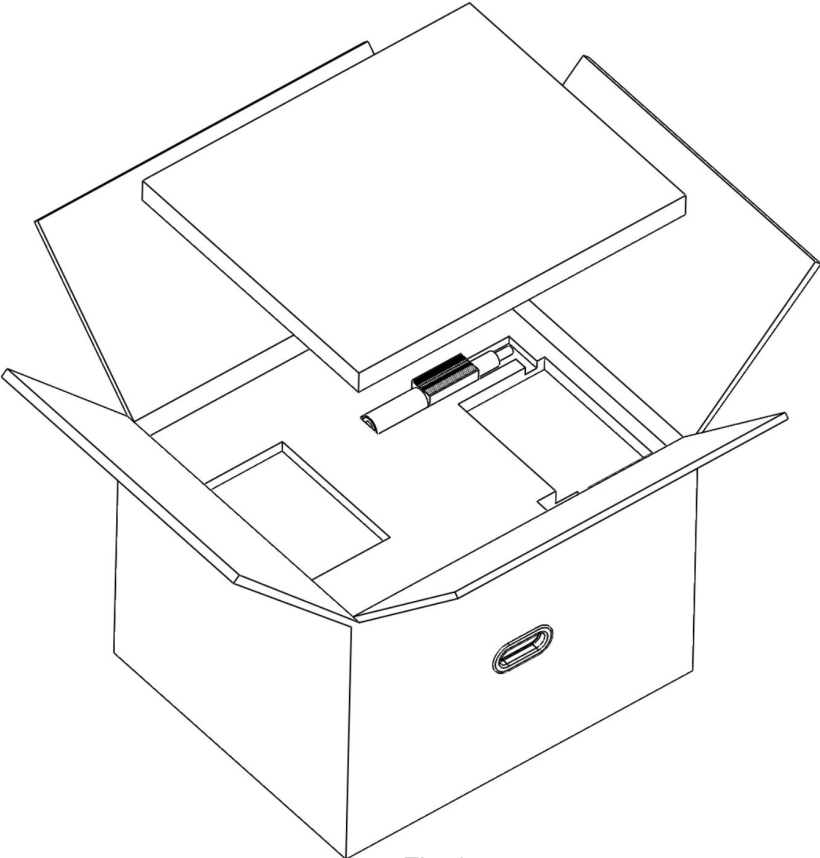


Fig. 3

4. Remove the isolator from the second layer of foam.

5. Remove the foam layer from the box.

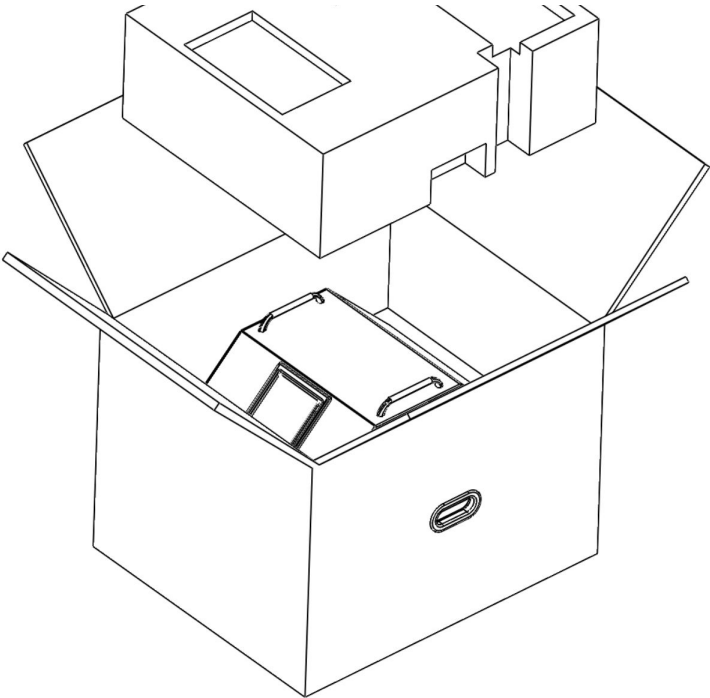


Fig. 4

6. Remove the main unit from the box using the provided handles.

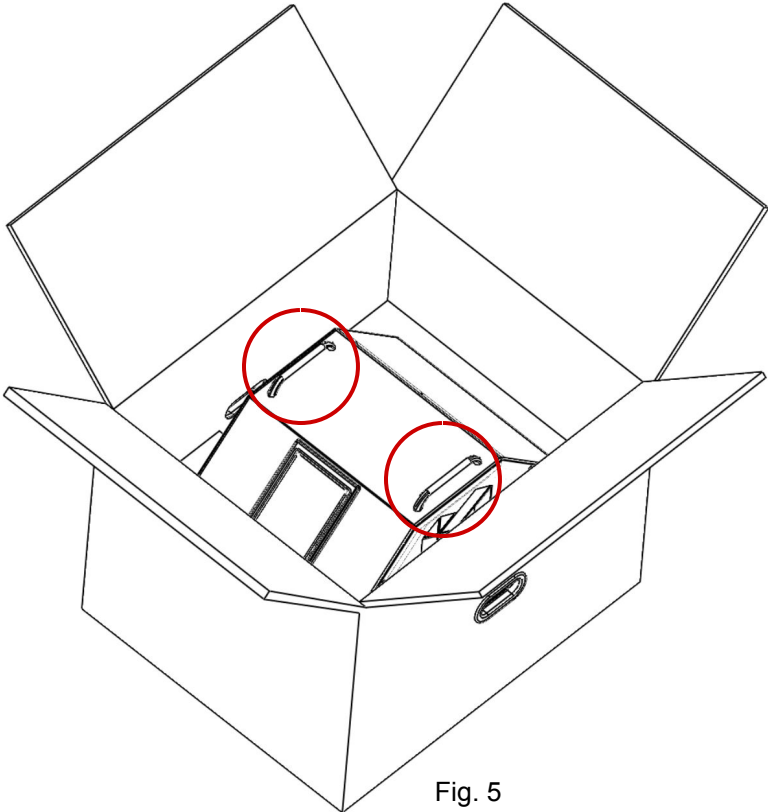


Fig. 5

7. Open Box 2 and remove the top layer of foam.

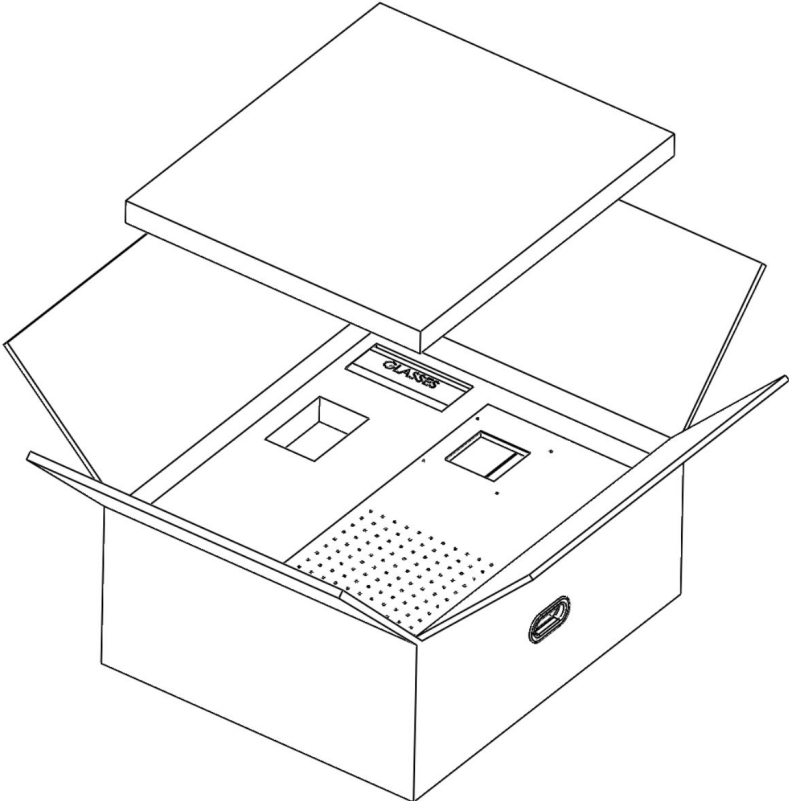


Fig. 6

8. Remove the Z-stage base, safety glasses, and accessories from the box.remove foam layer.

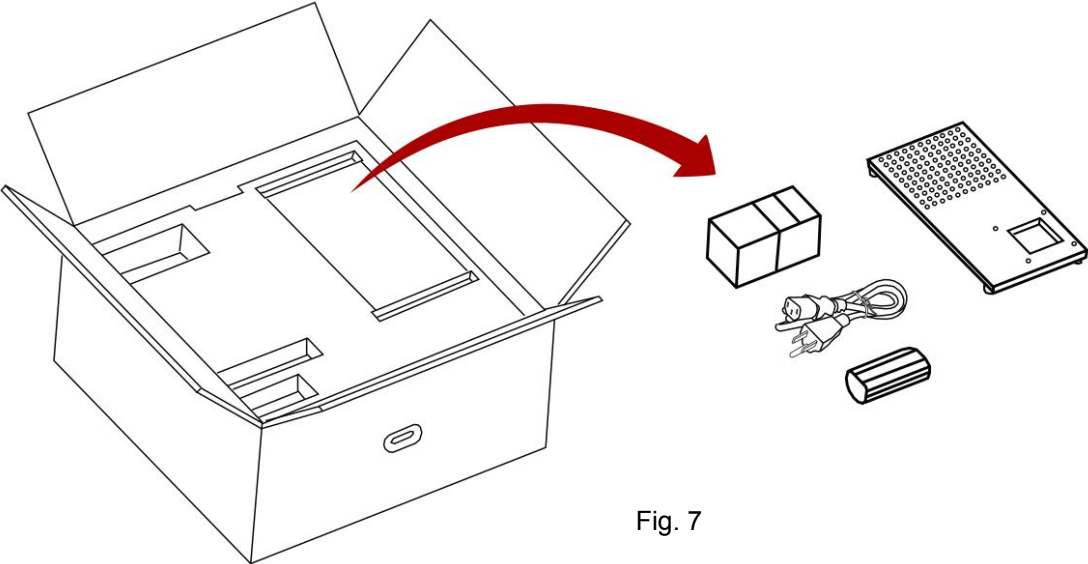


Fig. 7

9. Remove the second foam layer.

10. Remove the z-stage, overhead, and accessories from the box.

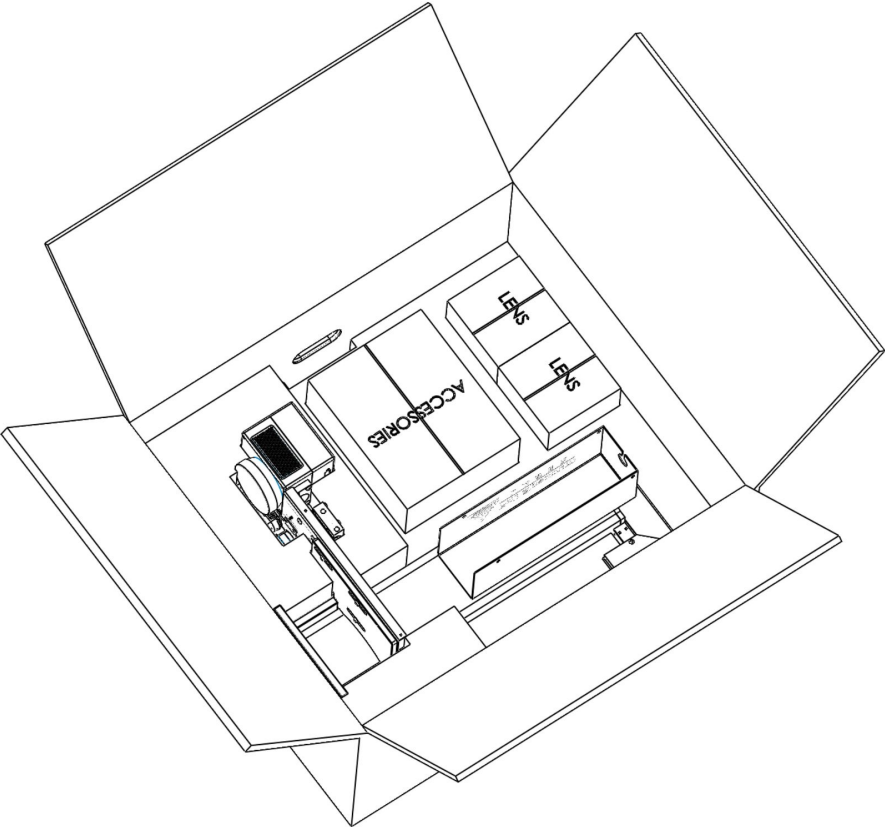
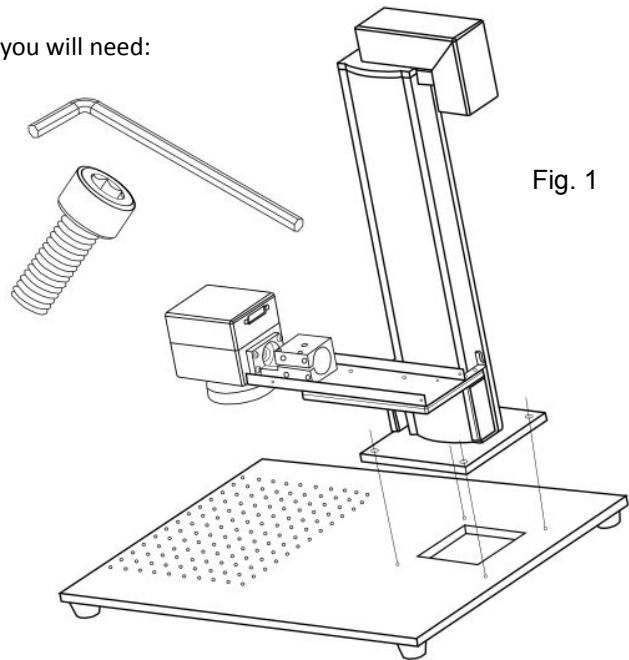


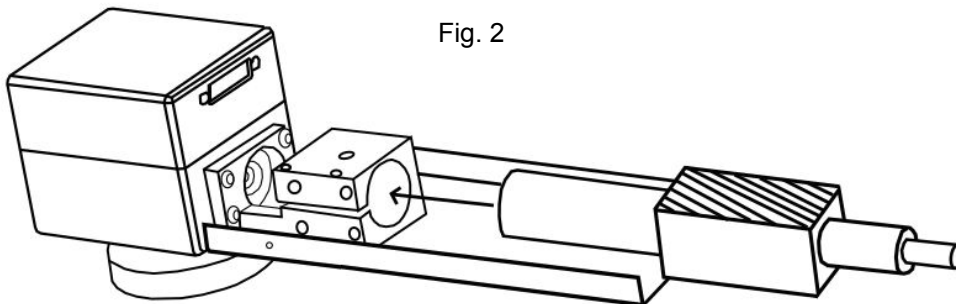
Fig. 8

## **Assembly:**

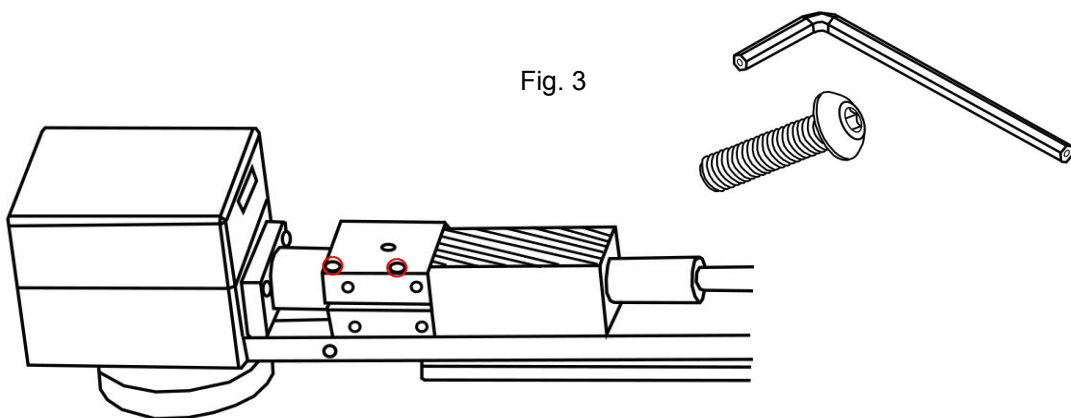
1. To assemble your new Fiber Galvo Z-stage you will need:  
4 - M6 x16 screw and a M5 Hex Key



2. Use the M6 screws to fasten the base to the stage. (See Fig.1)
3. Locate the Isolator and slide it into the laser mount.

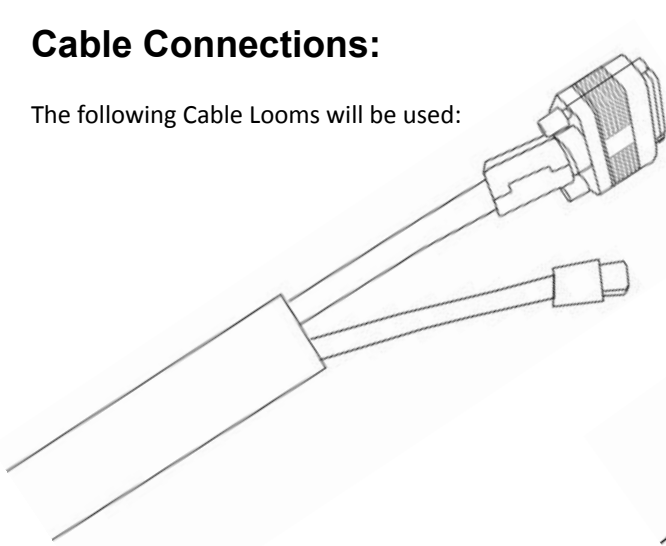


4. Once the isolator is in place secure it with a M4 hex key using the M5x30 screws provided.

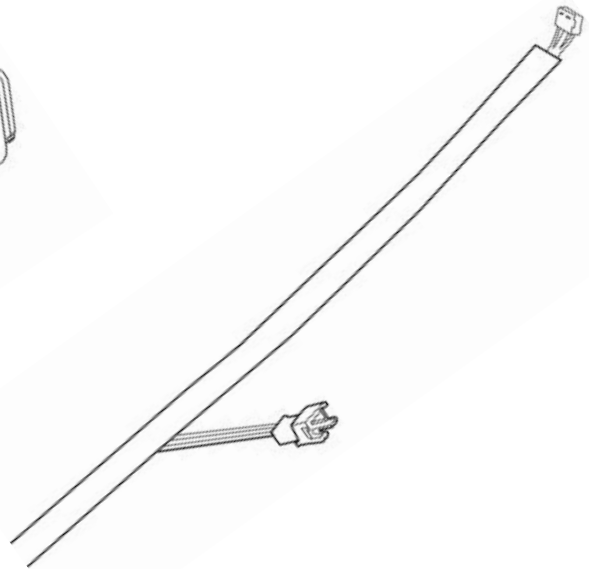


## Cable Connections:

The following Cable Looms will be used:



Cable Loom 1



Cable Loom 2

1. Grab Cable 1 and connect the VGA cable onto the port on the back of the scan head( see Fig 4).

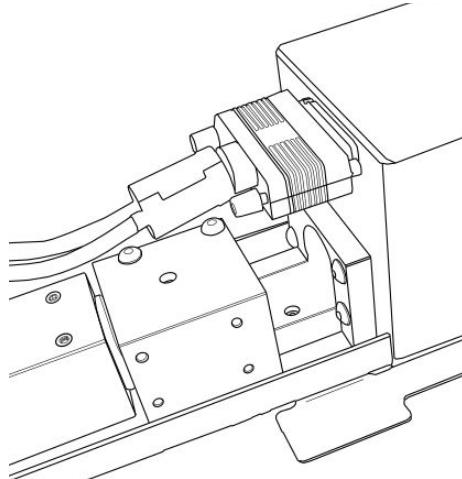


Fig. 4

2. Find the Type C cable in the loom and run it through the opening before connecting to the camera.

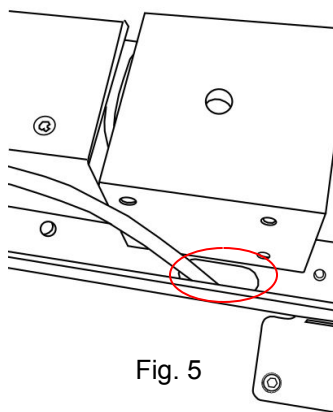
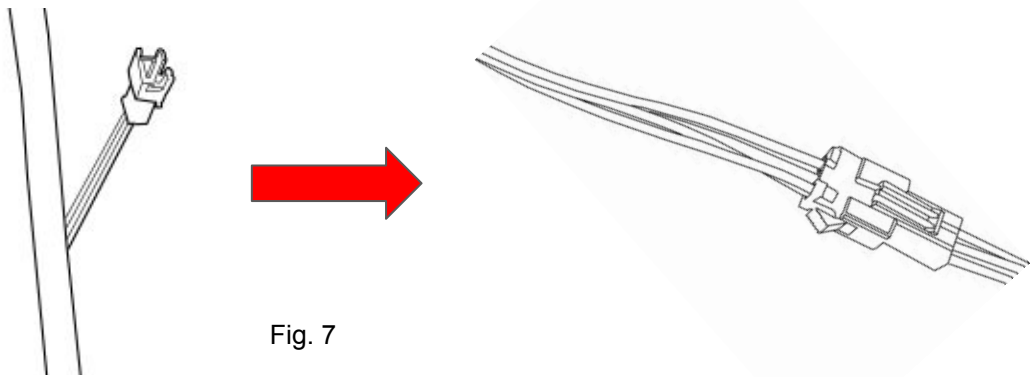


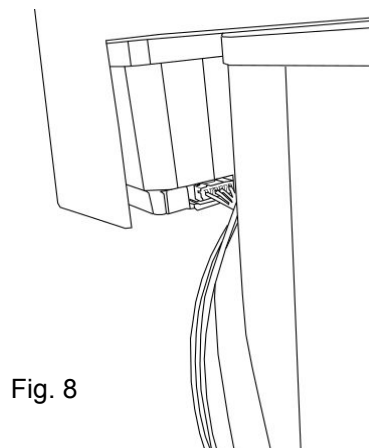
Fig. 5

**Note: If you have trouble reaching any cable you can open the loom to pull out the cables.**

3. Take Cable Loom 2 and connect the 3 pin to the cable handing near the motor. Make sure the pins are oriented correctly.



4. Plug the remaining 4 pin cable connector and plug it into the motor.



5. Lastly install the Coverhead using four M4x8 screws that screw into the inner plate. Make sure you run all the cables coming out of the scan head assembly through the back opening.

