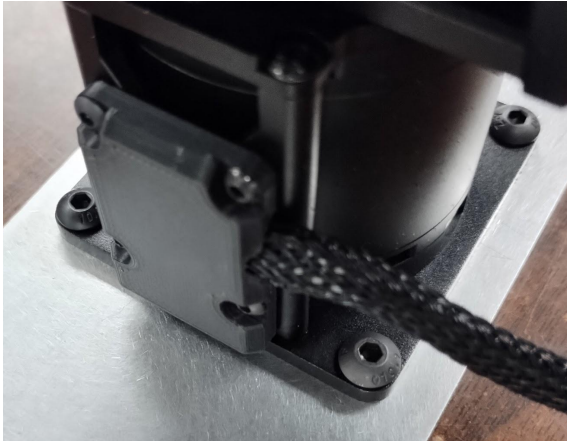Trossen
Robotics

WidowX AI

Leader

Parts List

Parts:
- *(1) WidowX AI Leader Robot Arm*
- *(1) WidowX AI Controller Box*
- *(1) Aviator to XT30(2+2) Cable*
- *(1) 24V 25A Power Supply*
- *(1) M12 X-Code 8-Pin Male to RJ45 Male Cable 1m*
- *(1) Base Cable Lock*
- *(1) Left Leader Handle*
- *(1) Right Leader Handle*
- *(1) Leader Right Index Finger Paddle*
- *(1) Leader Right Thumb Finger Paddle*
- *(1) Leader Left Index Finger Paddle*
- *(1) Leader Left Thumb Finger Paddle*
- *(1) M2 Hex Key*
- *(1) M2.5 Hex Key*
- *(1) M3 Hex Key*
- *(1) 2mL Loctite Tube*
- *(1) Base Clamp Plate*
- *(12) M3x6mm Socket Head Bolt*
- *(2) M3x6mm Button Head Bolt*
- *(4) M3x8mm Button Head Bolt*
- *(4) M5x8mm Button Head Bolt*

1) Attach Arm to Base Clamp Plate

Parts:

- *(1) WidowX AI Follower Robot Arm*
- *(1) Base Clamp Plate*
- *(4) M5x8mm Button Head Bolts*
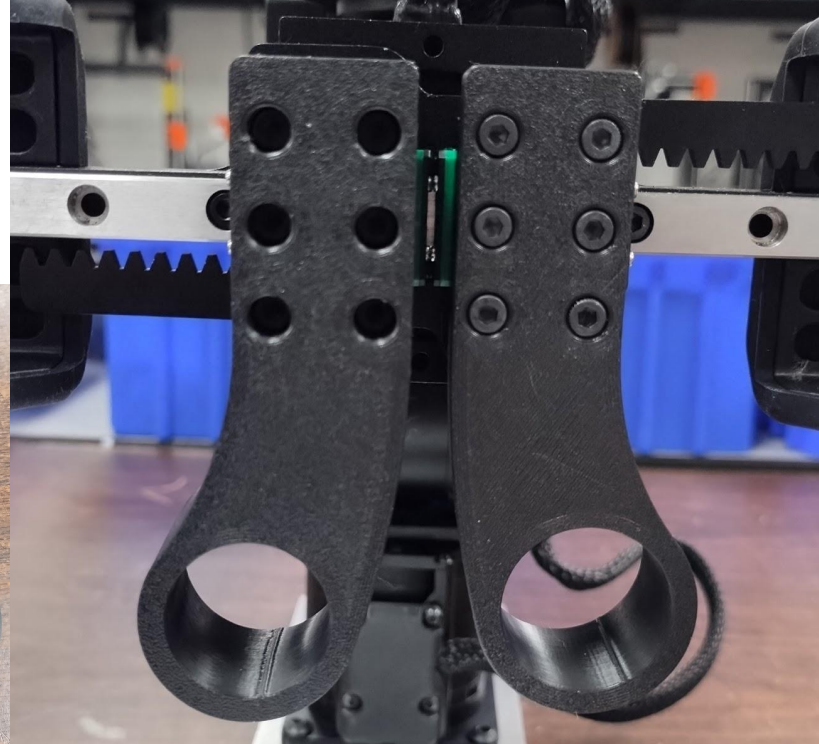- *(1) M3 Hex Key*
- *(1) 2mL Loctite Tube*

2R) Attach Finger Paddles to Arm (Right Handed)

For a right-handed arm, Attach the following parts.

Parts:
- *(1) WidowX AI Follower Robot Arm*
- *(1) Leader Right Index Finger Paddle*
- *(1) Leader Right Thumb Finger Paddle*
- *(12) M3x6mm Socket Head Bolt*
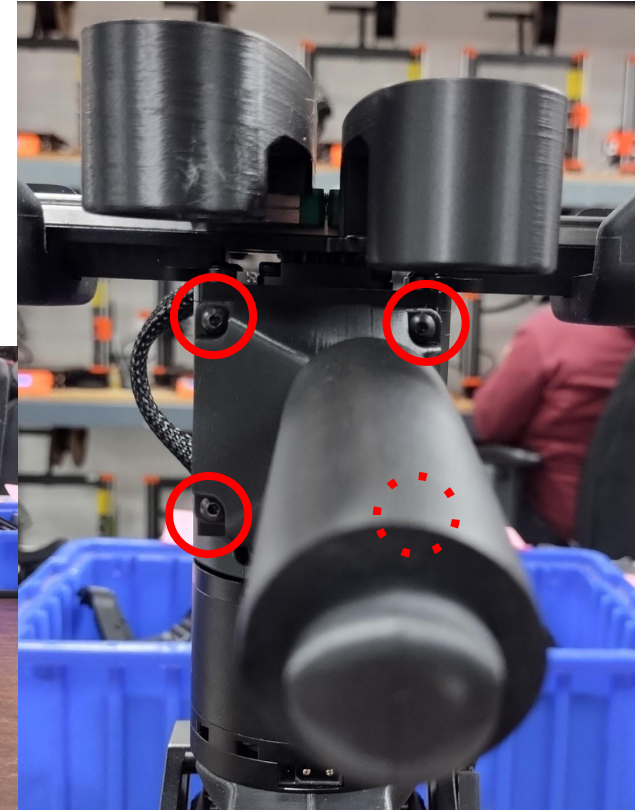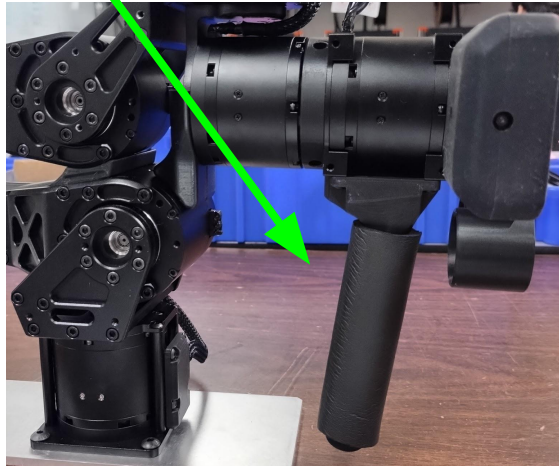- *(1) M2.5 Hex Key*
- *(1) 2mL Loctite Tube*

Mind Orientation of Finger Paddles- Letters should not be visible when mounted

3R) Attach Handle to Arm (Right Handed)

Parts:

- *(1) WidowX AI Follower Robot Arm*
- *(1) Right Leader Handle*
- *(4) M3x8mm Button Head Bolt*
- *(1) M2 Hex Key*
- *(1) 2mL Loctite Tube - Mind Orientation of Handle*

2L) Attach Finger Paddles to Arm (Left Handed)

For a left-handed arm, Attach the following parts.

Parts:

- *(1) WidowX AI Follower Robot Arm*
- *(1) Leader Left Index Finger Paddle*
- *(1) Leader Left Thumb Finger Paddle*
- *(12) M3x6mm Socket Head Bolt*
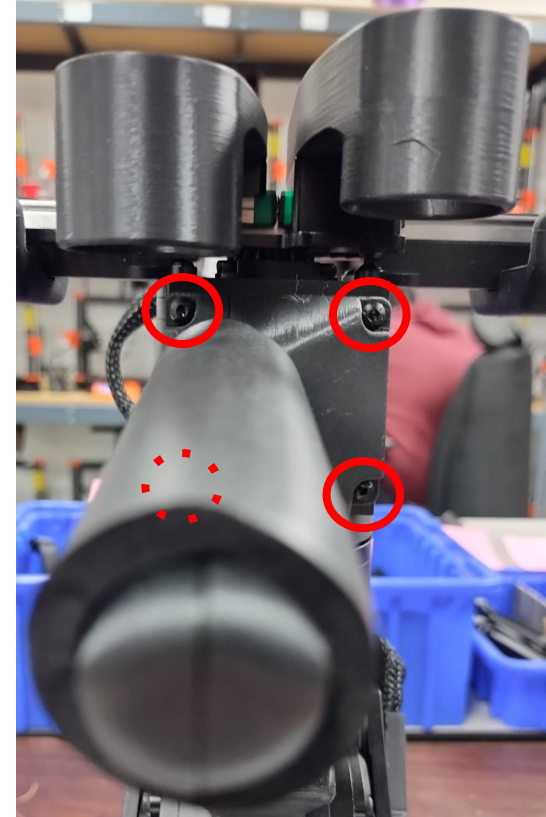- *(1) M2.5 Hex Key*
- *(1) 2mL Loctite Tube*

Mind Orientation of Finger Paddles- Letters should not be visible when mounted

3L) Attach Handle to Arm (Left Handed)

Parts:
- *(1) WidowX AI Follower Robot Arm*
- *(1) Left Leader Handle*
- *(4) M3x8mm Button Head Bolt*
- *(1) M2 Hex Key*
- *(1) 2mL Loctite Tube - Mind Orientation of Handle*
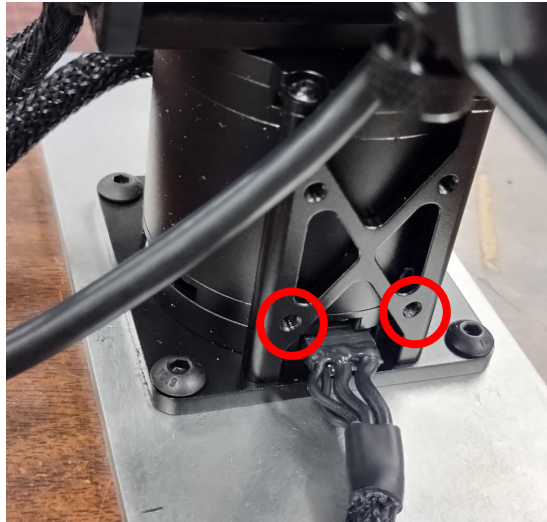
4) Connect Cables to Controller Box

Parts:
- (1) WidowX AI Controller Box
- (1) Aviator to XT30(2+2) Cable
- (1) 24V 25A Power Supply
- (1) M12 X-Code 8-Pin Male to RJ45 Male Cable 1m

5) Connect Cable to Arm

Parts:
- *(1) WidowX AI Follower Robot Arm*
- *(1) Aviator to XT30(2+2) Cable*
- *(1) Base Cable Lock*
- *(2) 3x6mm Button Head Bolt*
- *(1) M2 Hex Key*
- *(1) 2mL Loctite Tube*

6) Power on Controller Box

Parts:
- *WidowX AI Follower Robot Arm*
- *WidowX AI Controller Box*

With Cables attached, turn on controller and wait for the light to turn green. You are now ready to use your WidowX AI Robot Arm.