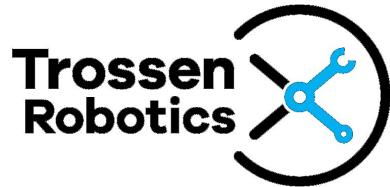


Assembly Guide



WidowX AI Follower

Parts List

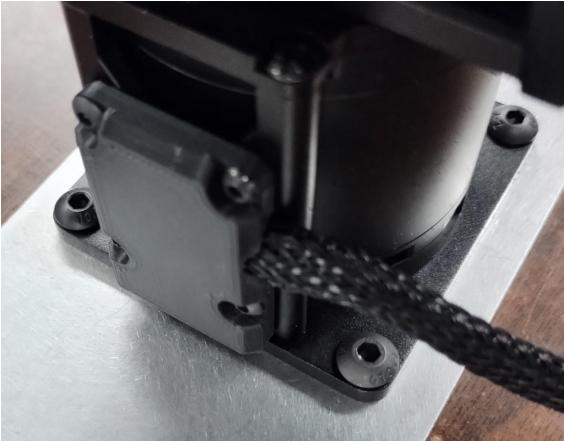
Parts:

- (1) WidowX AI Follower 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) Micro-B Male to USB-A 3.0 Male 3m Cable
- (6) Cable Clip
- (1) Base Cable Lock
- (1) Camera Bracket
- (1) Cable Protector
- (1) WX AI Finger Pair with Silicone Fingertips
- (1) M2 Hex Key
- (1) M2.5 Hex Key
- (1) M3 Hex Key
- (1) 2mL Loctite Tube
- (1) Base Clamp Plate
- (12) M3x6mm Thumb Screw
- (6) M3x8mm Socket Head Bolt
- (4) M3x6mm Button Head Bolt
- (4) M3x8mm Button Head Bolt
- (2) M3x10mm Button Head Bolt
- (4) M5x8mm Button Head Bolt

1) Attach Arm to Base Clamp Plate

Parts:

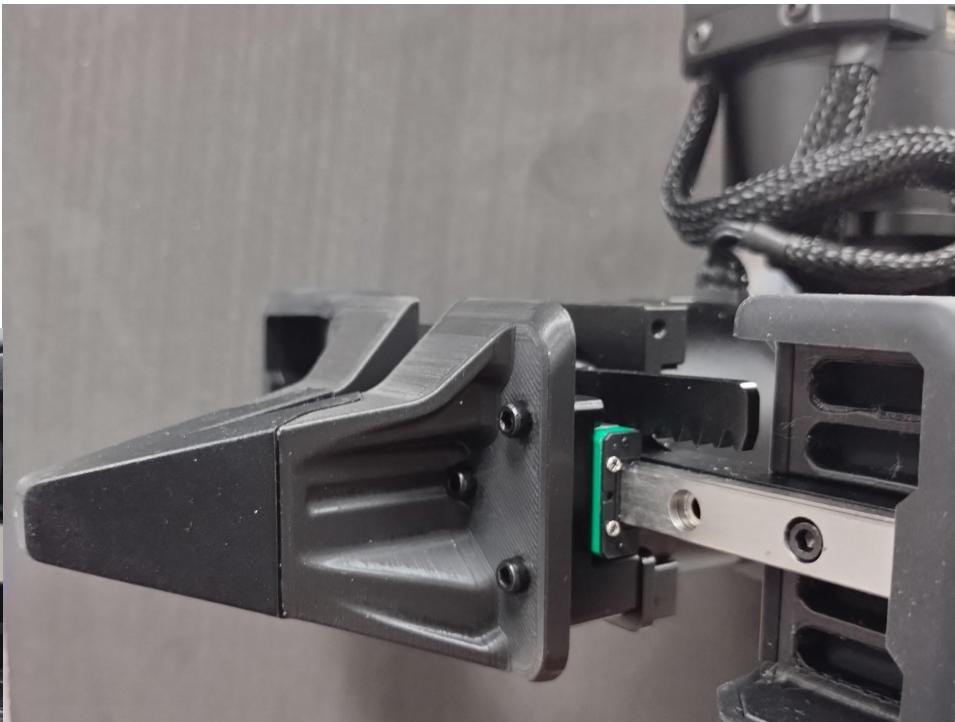
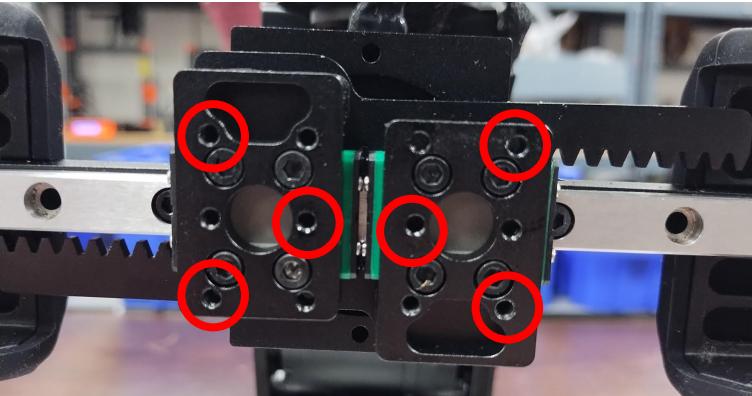
- (1) *WidowX AI Follower Robot Arm*
- (1) *Base Clamp Plate*
- (4) *M5x8mm Button Head Bolts*
- (1) *M3 Hex Key*
- (1) *2mL Loctite Tube*



2) Attach Fingers to Arm

Parts:

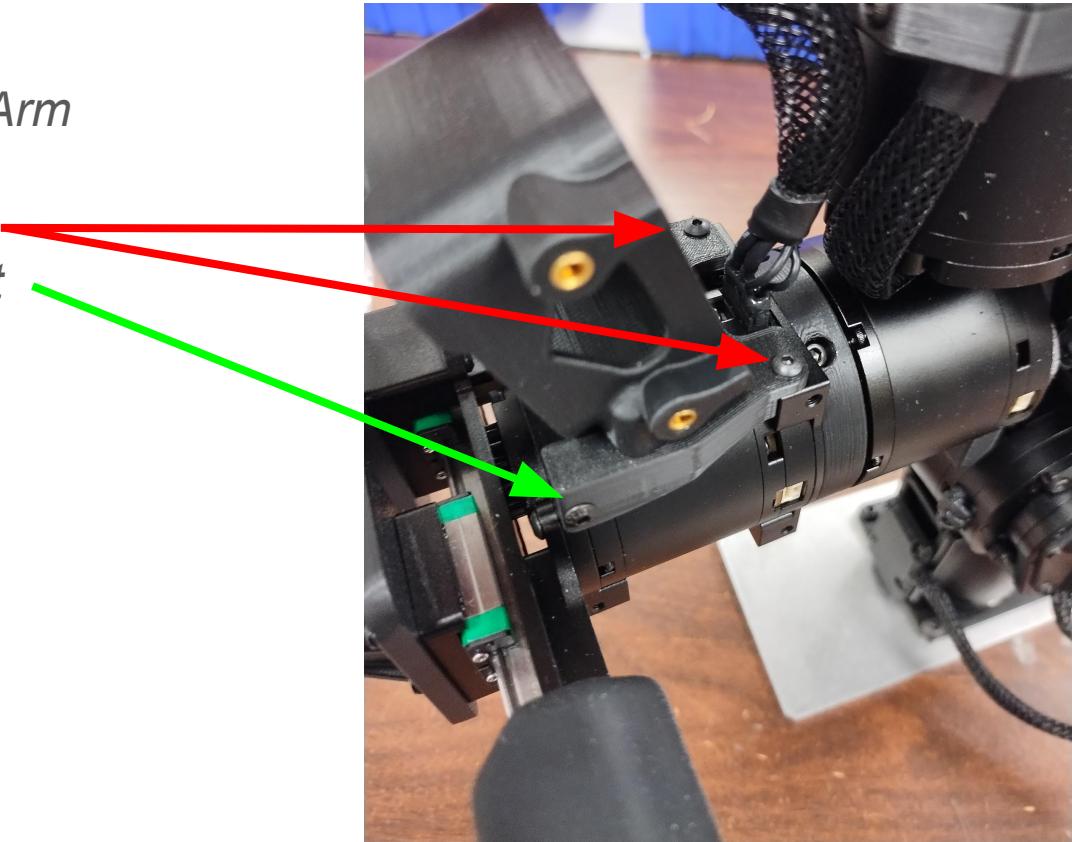
- (1) *WidowX AI Follower Robot Arm*
- (1) *WX AI Finger Pair with Silicone Fingertips*
- (6) *M3x8mm Socket Head Bolt*
- (1) *M2.5 Hex Key*
- (1) *2mL Loctite Tube*



3) Attach Camera Bracket to Arm

Parts:

- (1) WidowX AI Follower Robot Arm
- (1) Camera Bracket
- (2) M3x6mm Button Head Bolt
- (2) M3x10mm Button Head Bolt
- (1) M2 Hex Key
- (1) 2mL Loctite Tube

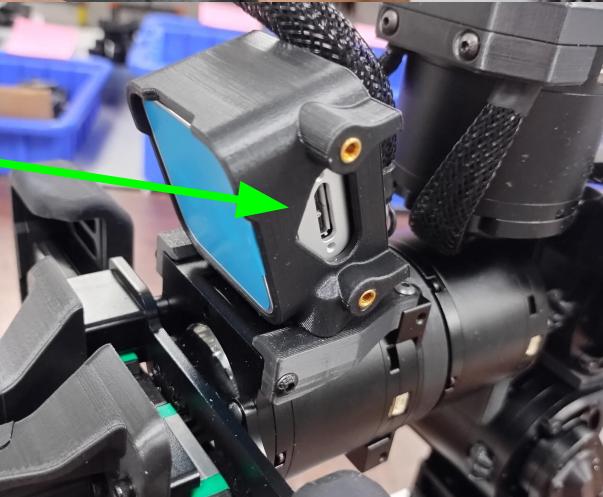
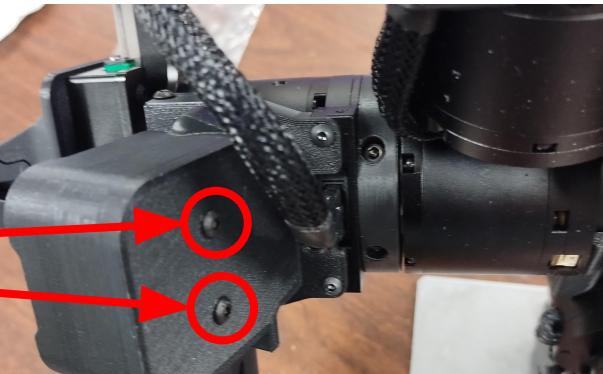


4) Attach Camera to Camera Bracket

Parts:

- (1) WidowX AI Follower Robot Arm
- (1) Realsense D405 Camera
- (2) M3x8mm Button Head Bolt
- (1) M2 Hex Key
- (1) 2mL Loctite Tube

Mind Orientation- port must be accessible

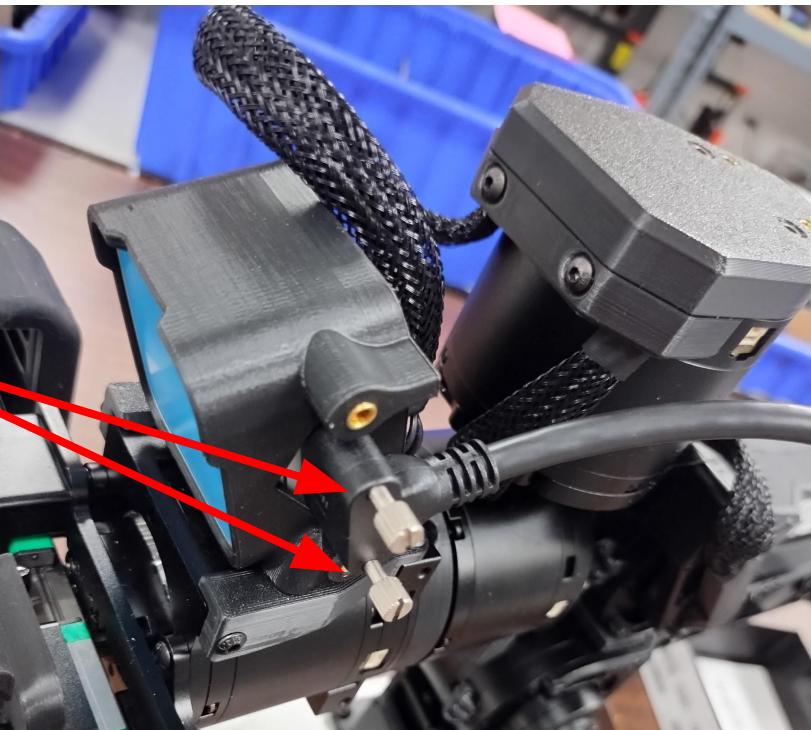
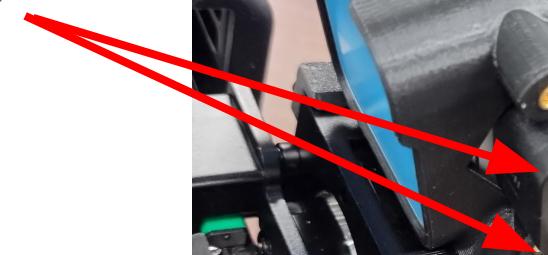


5) Attach Camera Cable to Camera

Parts:

- (1) *WidowX AI Follower Robot Arm*
- (1) *Micro-B Male to USB-A 3.0 Male 3m Cable*

Hand Tighten the Camera Cable Bolts



6.1) Attach Camera Cable to Arm (pt.1)

Parts:

- (6) *Cable Clip*
- (12) *M3x6mm Thumb Screw*

Give cable slack for joints to rotate fully



6.2) Attach Camera Cable to Camera (pt.2)

Parts:

- (6) *Cable Clip*
- (12) *M3x6mm Thumb Screw*

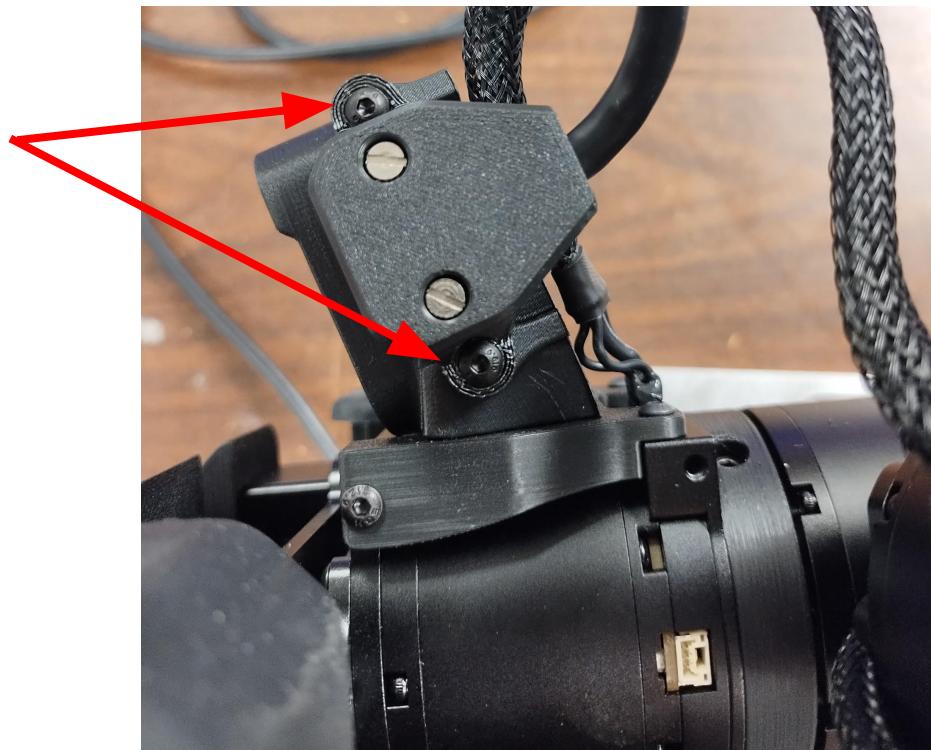
Give cable slack for joints to rotate fully



7) Attach Camera Cable Protector

Parts:

- (1) *Cable Protector*
- (2) *M3x8mm Button Head Bolt*
- (1) *2mL Loctite Tube*



8) 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*



9) 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



10) 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.

