

Patton Robotics Gripper

Assembly Instructions

Version 1.0

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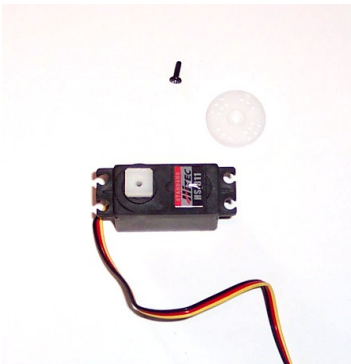
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Gripper Kit Contents:



1 Left Gripper, 1 Right Gripper, 1 Lower Servo Plate, 1 Upper Servo Plate, 1 Binding Post Set, 4 4/40 x 5/8" Hex screws, 4 4/40 Nuts and 1 Servo (optional).

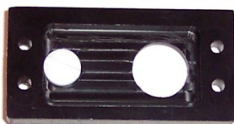
1.



Remove the screw retaining the standard servo mounting wheel and replace with the square adjustable servo horn base.

Users of other servos may need to cut a wheel to fit.

2.



Insert the female portion of the Binding Post through the bottom (indented) of the Upper Servo Plate.

3.

Place the Right Gripper over the protruding portion of the Binding Post.



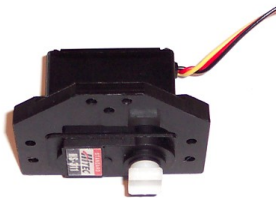
4.

Secure the Right Gripper over the Binding Post with the mated screw. Make sure as to not over-tighten the screw and prevent easy rotation.



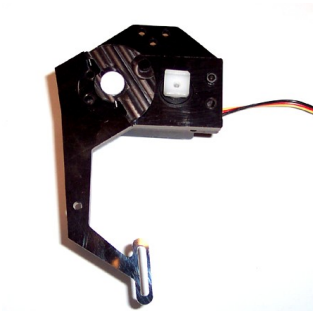
5.

Place the servo through the bottom (indented) of the Lower Servo Plate.

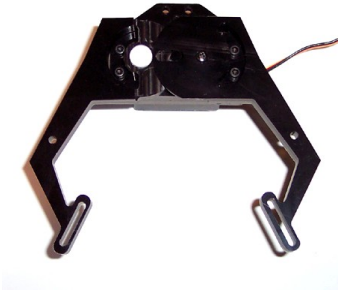


6.

Place The Right Gripper assembly over the Lower Servo Plate assembly and secure together with the 5/8 inch 4/40 screws and nuts. The screws should pass through the Upper Servo Plate, Lower Servo Plate and the servo mounting holes.



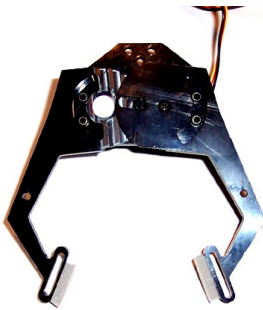
7.



Place the Right Gripper over the square adjustable servo horn bracket and secure with the screw removed from the servo in step 1.

Note: If travel seems limited, try re-centering the square adjustable servo horn bracket on the servo hub.

8.



Trim to size the self adhesive foam pads and place on the ends of the gripper.