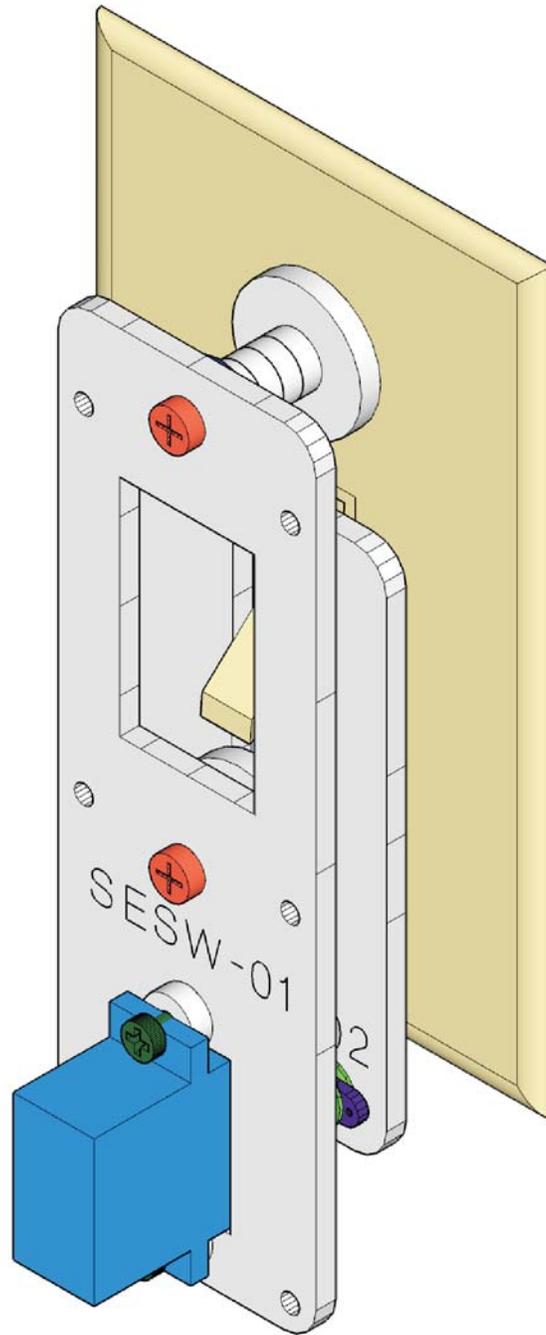
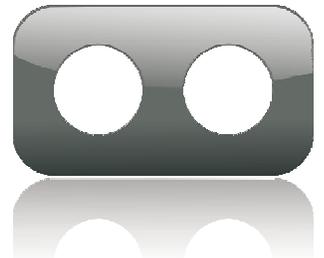


# Servo Switch Assembly Guide



**(SESW)**

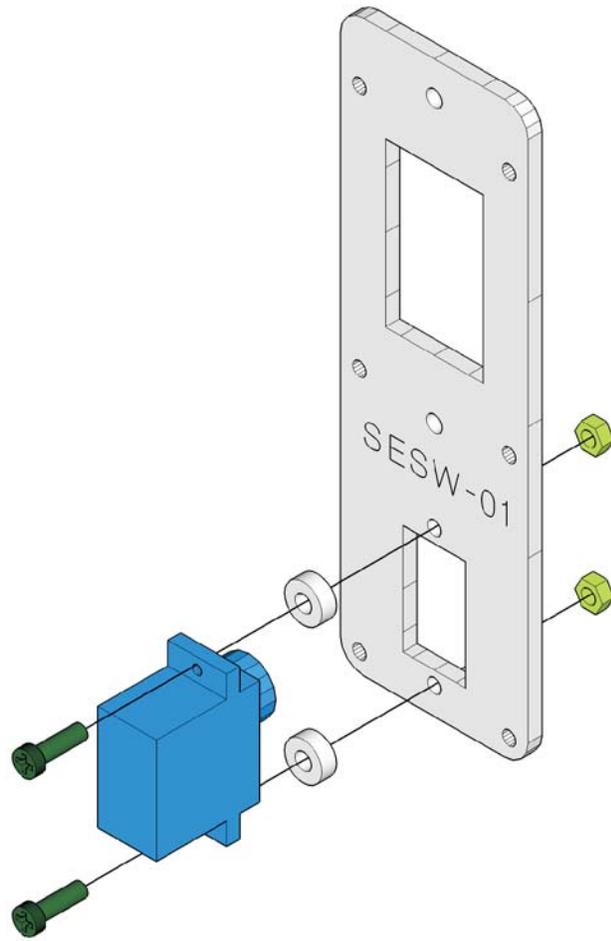
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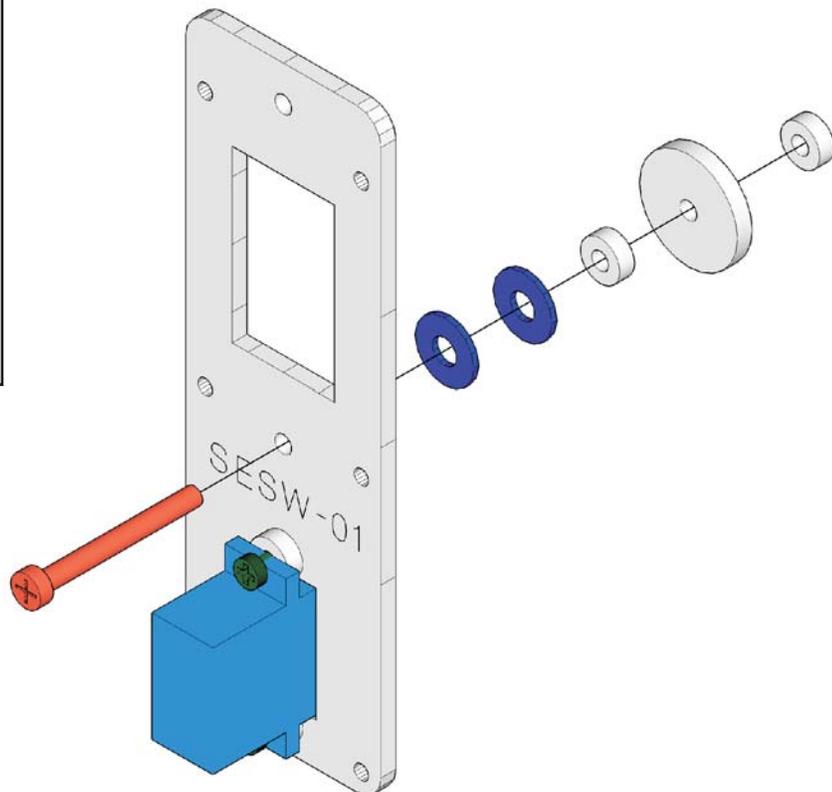
# 1.

	3mm x 10mm bolt <b>x2</b>
	3mm nut <b>x2</b>
	mini servo <b>x1</b>
	SESW-01 servo holder <b>x1</b>
	SESW-03 8mm spacer <b>x2</b>



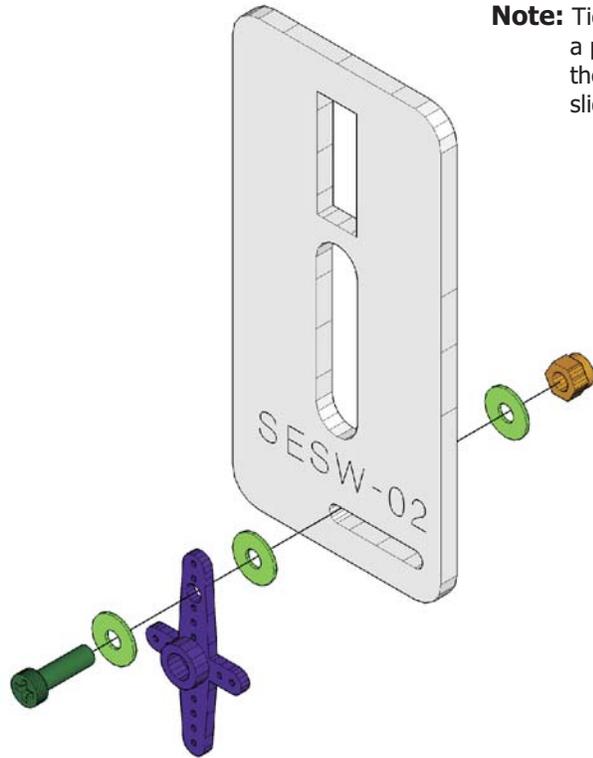
# 2.

	5mm washer <b>x2</b>
	6-32 x 1.25" bolt <b>x1</b>
	SESW-03 8mm spacer <b>x2</b>
	SESW-04 20mm spacer <b>x1</b>



3.

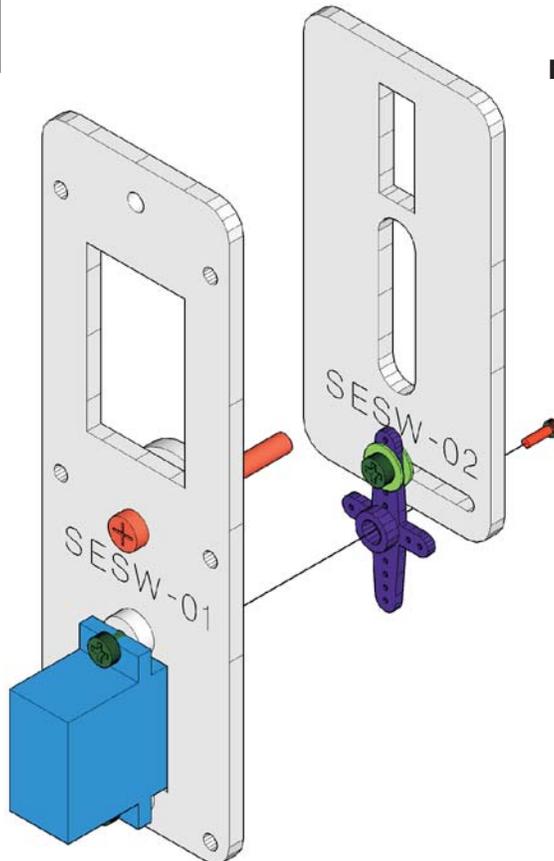
-  3mm x 10mm bolt  
**x1**
-  3mm lock nut  
**x1**
-  3mm washer  
**x3**
-  servo horn  
**x1**
-  SESW-02  
switch carriage  
**x1**



**Note:** Tighten holding the locknut in a pair of pliers. Tighten until the bolt is snug but can still slide freely along the track.

4.

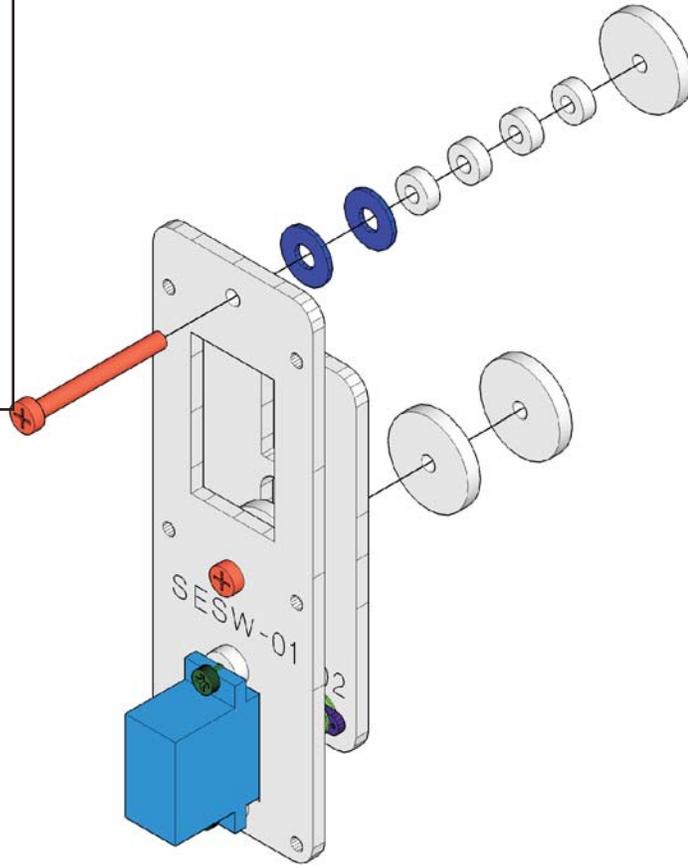
-  servo screw  
**x1**



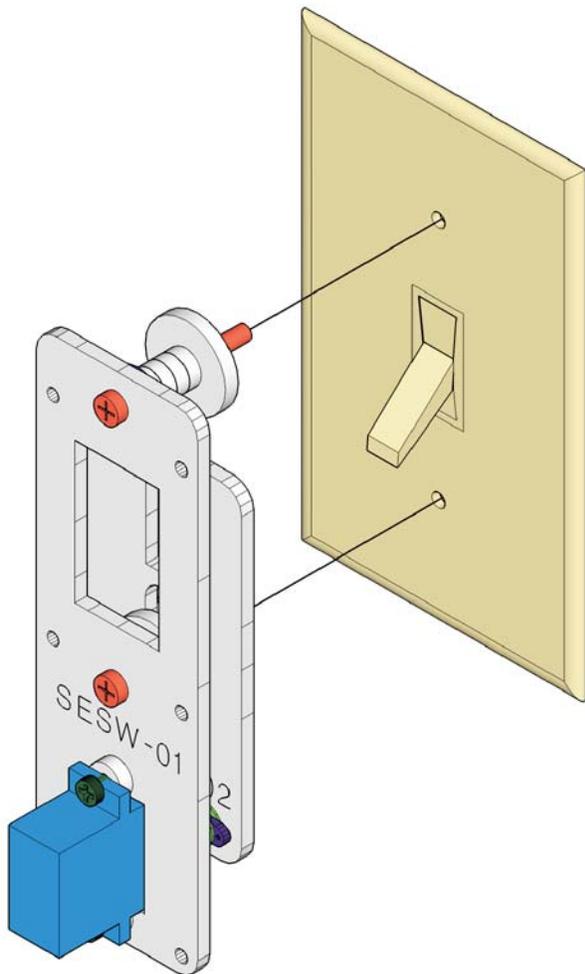
**Note:** To orient the servo use the servo horn to turn the servo as far clockwise as it will allow you to go, then attach.

5.

-  6-32 x 1.25"  
bolt  
**x1**
-  5mm washer  
**x2**
-  SESW-03  
8mm spacer  
**x4**
-  SESW-04  
20mm spacer  
**x3**



6.



**Note:** Tighten the bottom bolt so the servo switch is held tight but loose enough so the carriage slides freely.

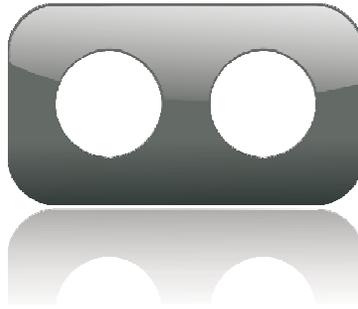
## Wiring

- Pin 1** - black or brown - **ground**
- Pin 2** - red - **power** (4.8v-6v)
- Pin 3** - white or orange - **signal**  
(1-2 millisecond pulse every 25 ms)  
(or use the arduino Servo library)





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