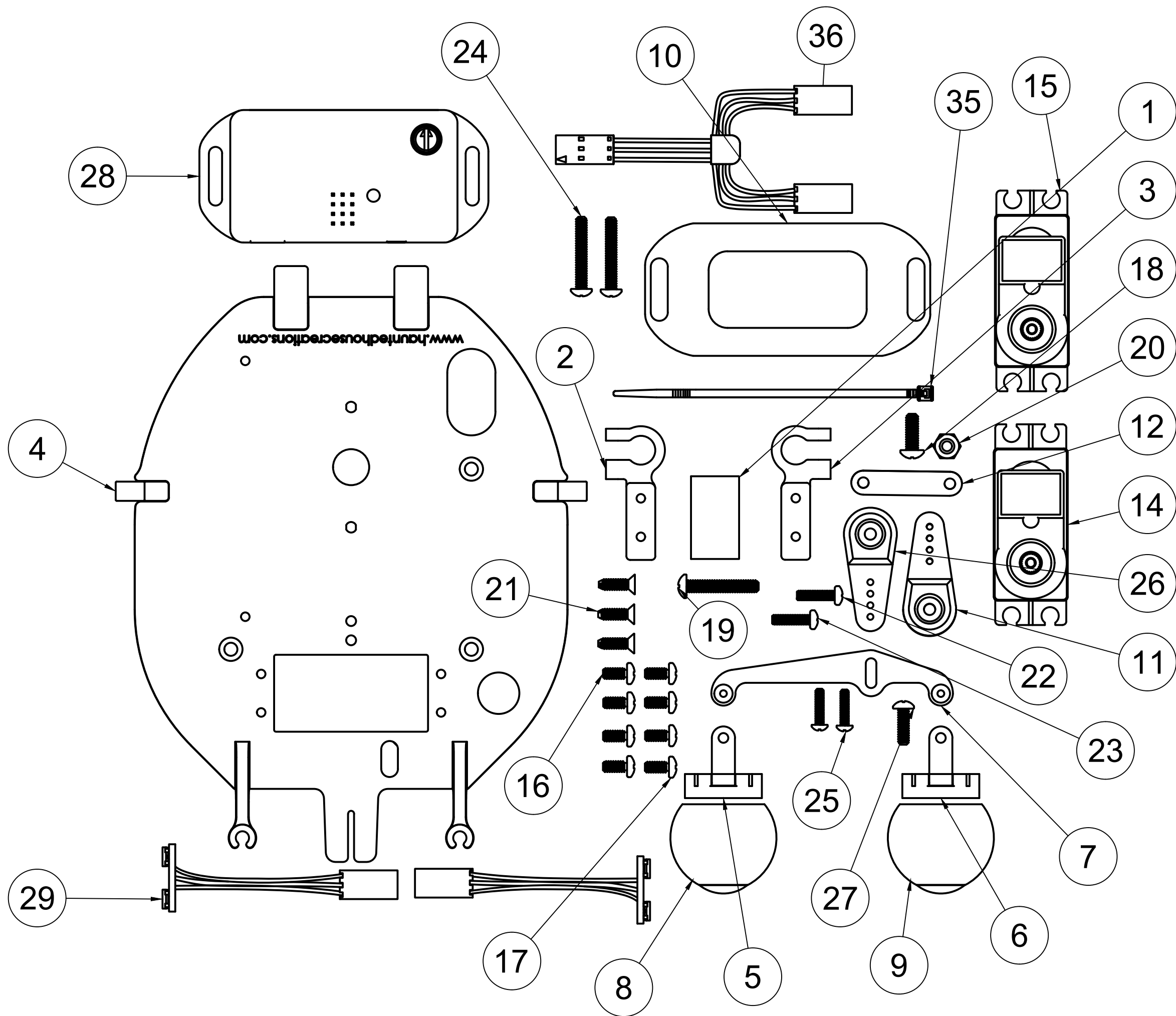
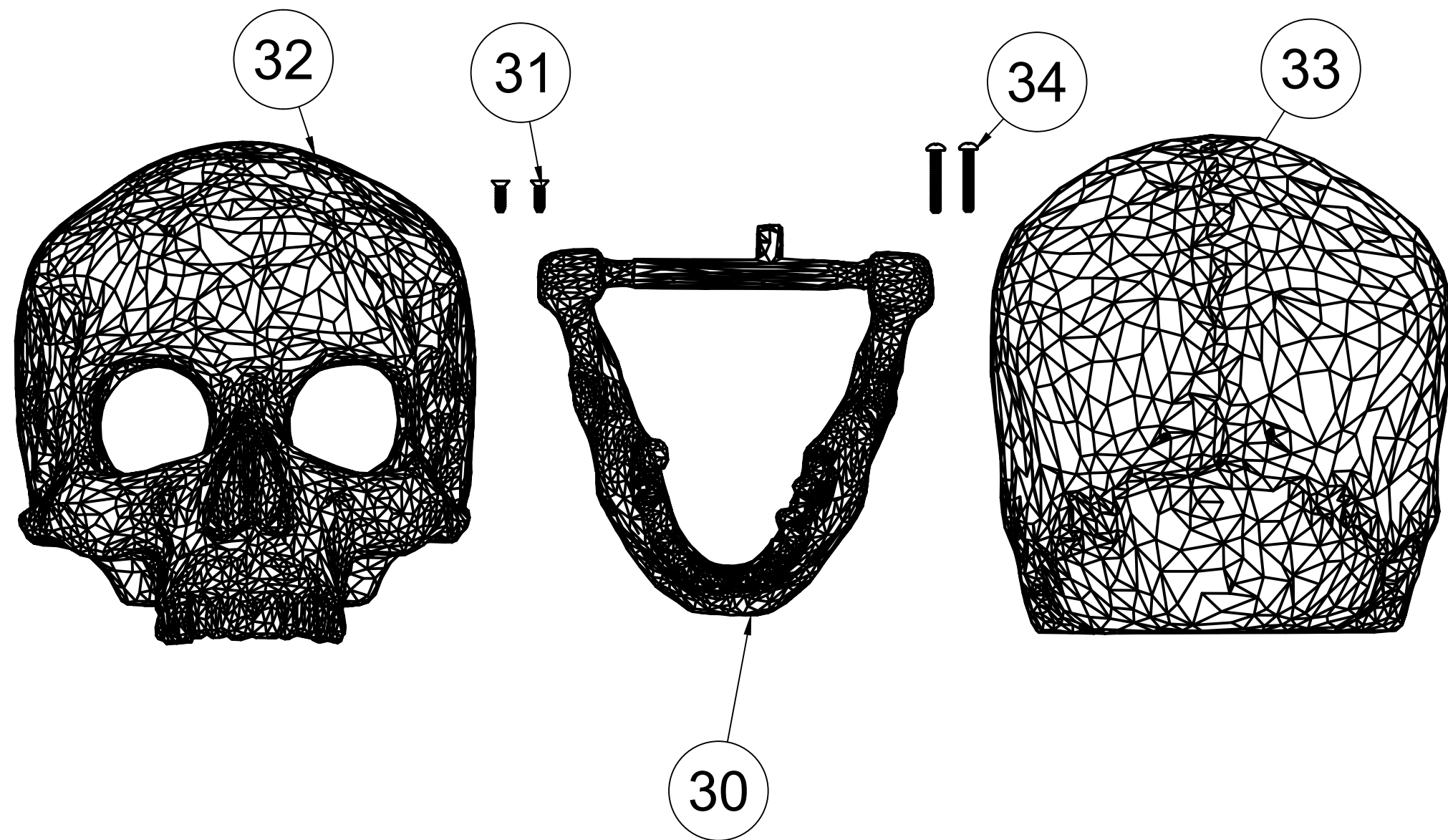


# STANDARD TALKING SKULL KIT





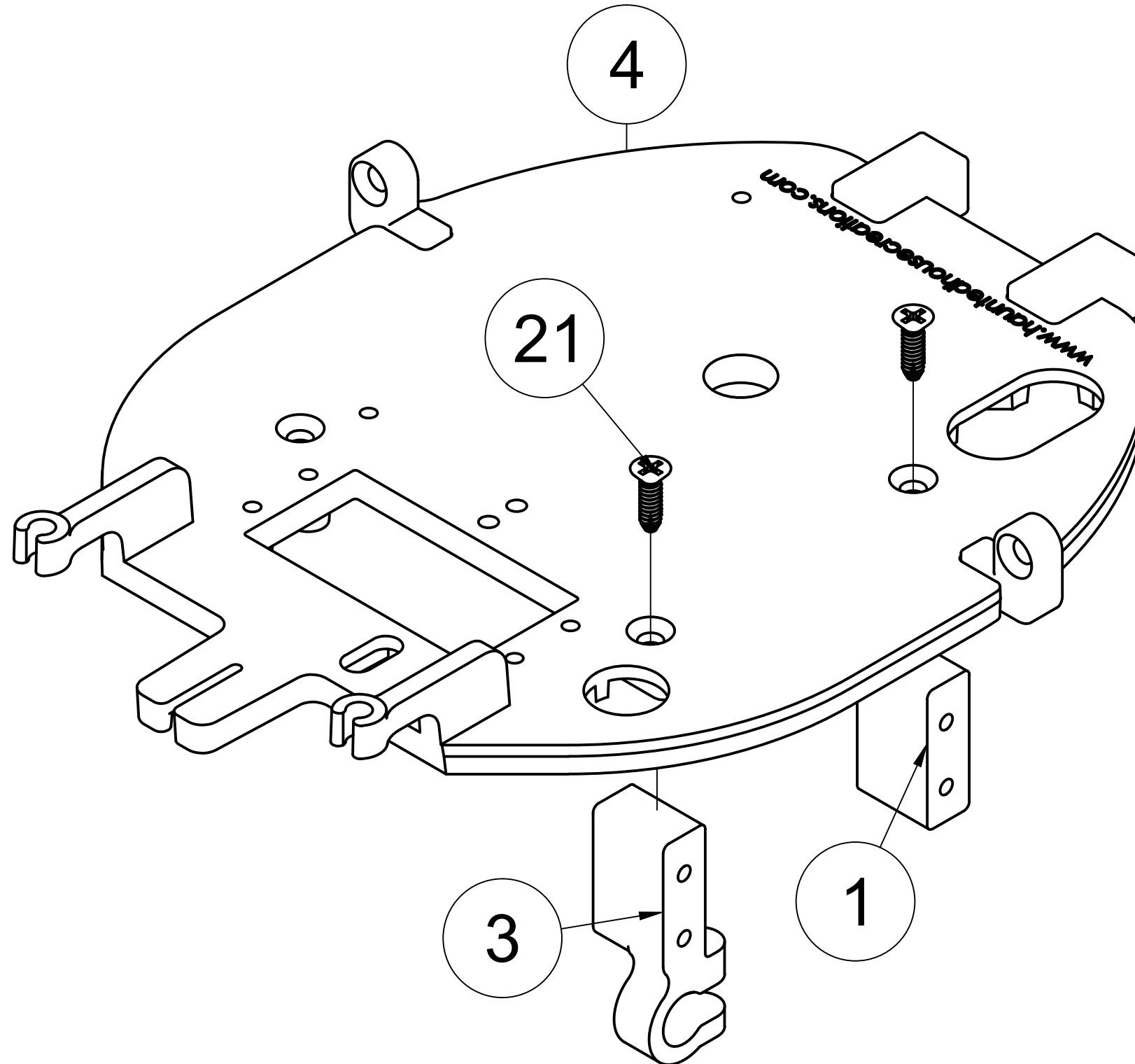
PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	PLATE BLOCK
2	1	PLATE MOUNT AXEL L
3	1	PLATE MOUNT AXEL R
4	1	SKULL PLATE ASSEMBLY
5	1	EYE RING ASS L
6	1	EYE RING ASS R
7	1	EYE PIVOT C
8	1	EYE LEFT
9	1	EYE RIGHT
10	1	RISER PLATE C
11	1	SERVO ARM JAW
12	1	JAW CONNECTING ROD C
13	1	JAW AXEL C
14	1	JAW SERVO
15	1	EYE SERVO
16	4	4-40 EYE 1/4
17	4	4-40 JAW 1/4
18	1	5-40 JAW SERVO CONNECTING ROD 3/8
19	1	5-40 CONNECTING ROD BOT 3/4
20	1	5-40 CONNECTING ROD NUT
21	3	4-40 FLAT 3/8 PLATE
22	1	EYE HORN SCREW
23	1	JAW HORN SCREW
24	2	RISER SCREWS 4-40 3/4
25	2	EYE PIVOT SCREWS 2-56 3/8
26	1	SERVO HORN EYES
27	1	EYE PIVOT SERVO 4-40 3/8
28	1	SERVOTALK
29	2	NEO PIXEL
30	1	JAW
35	1	ZIP TIE
36	1	Y CABLE



PARTS LIST		
ITEM	QTY	PART NUMBER
30	1	JAW
31	1	4-40 FLAT 3/8 SKULL HOLD DOWN
32	1	SKULL FRONT
33	1	SKULL BACK
34	1	SKULL BACK SCREWS 4-40 3/4

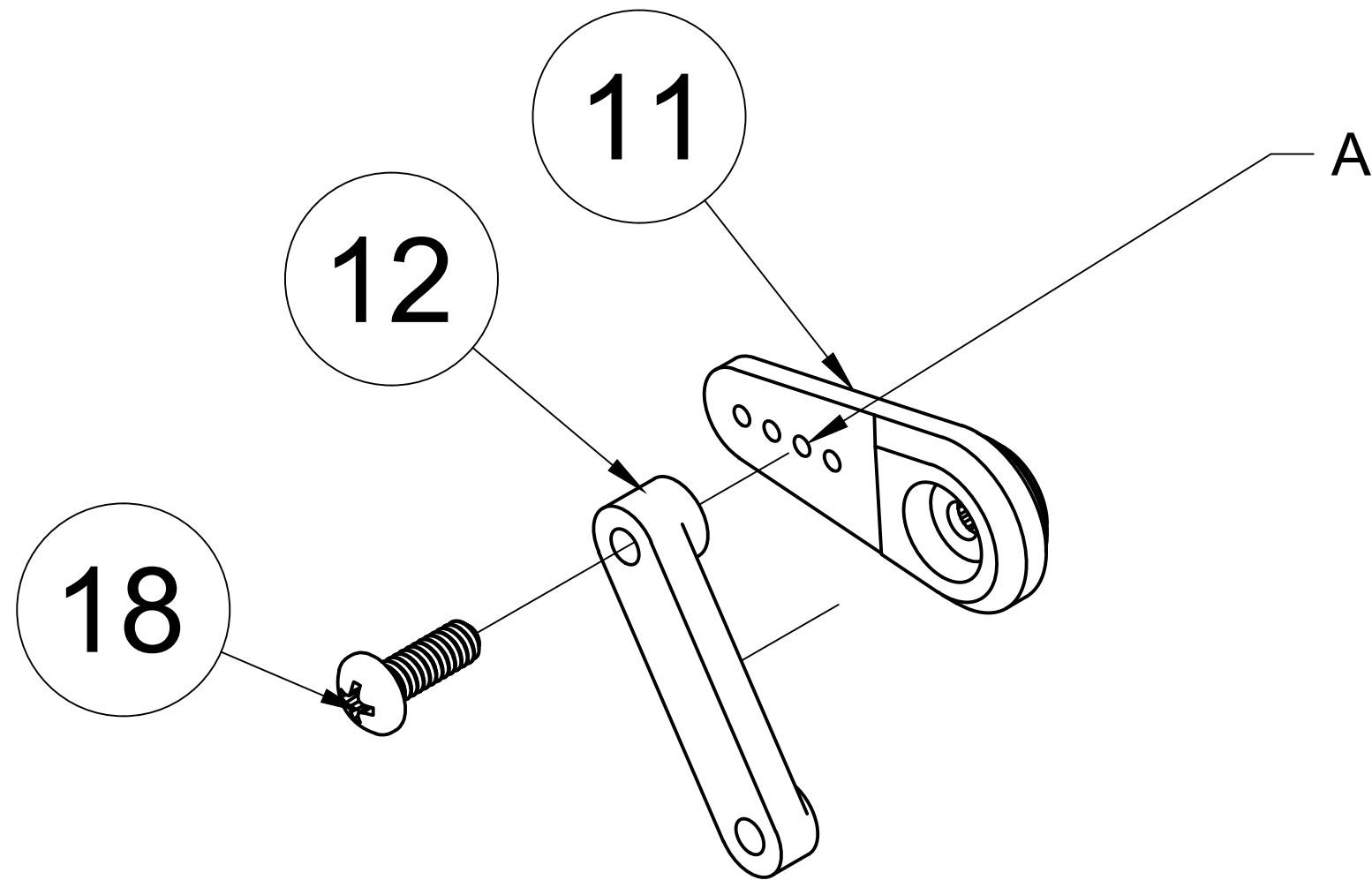
## Step 1

2. Assemble #3 to #21 through the top of #4 do not tighten all the way
3. Assemble #1 to #21 through the top of #4 do not tighten all the way



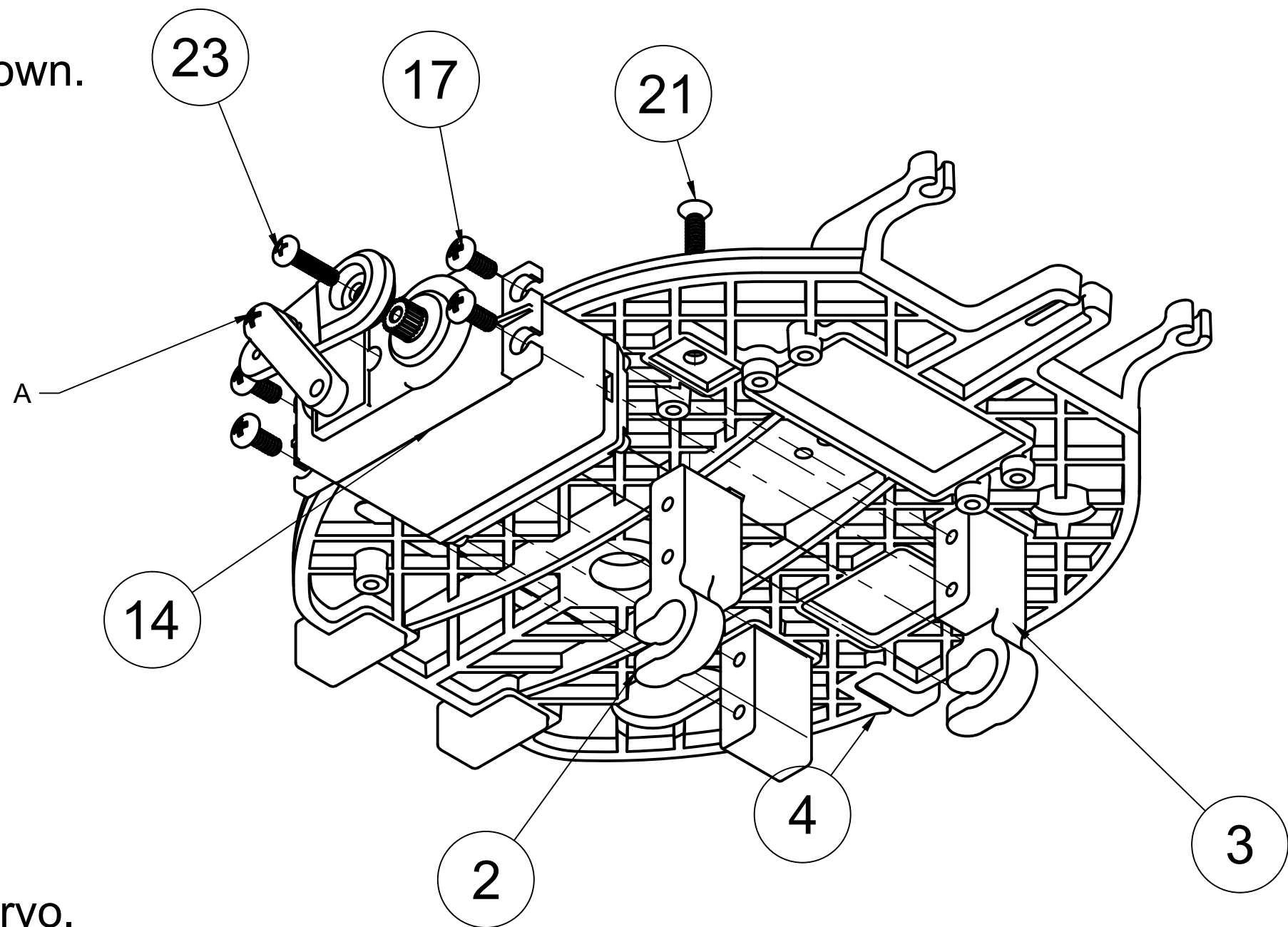
## Step 2

1. Slide #18 through #12 and screw to A on to #11  
leave loose enough that #12 swings freely.



# Step 3

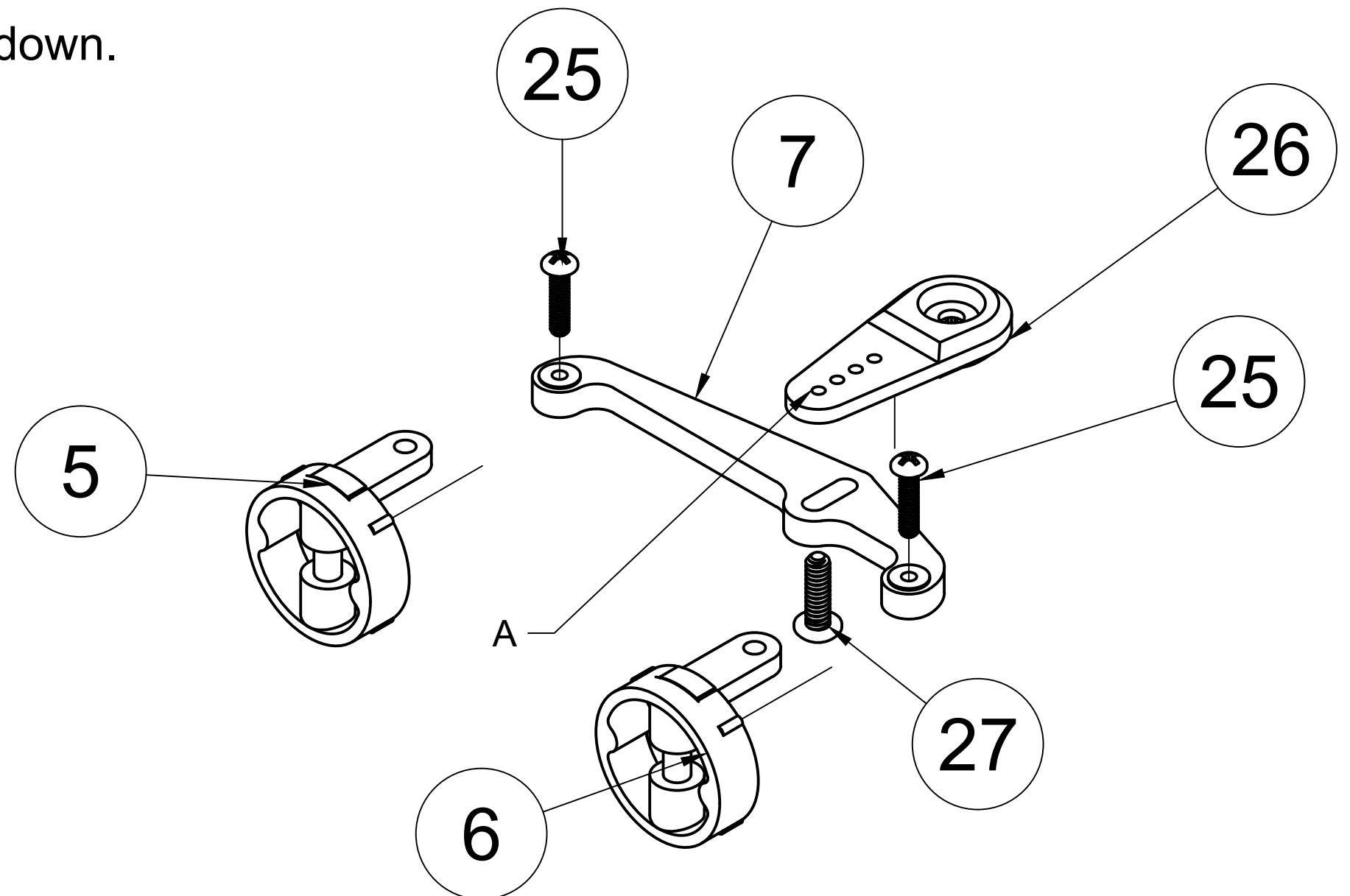
1. Zero the servo First.
2. Push Assembly A from Step 2 on to the servo perpendiculary tighten with #23
3. Slide the servo #14 between #3 and #4 until the servo seats.
4. Hold your fingers on the outside of #3 and #4 fermly to hold the servo #14 in place and tighten screws #21.
5. Take 4 #17 screws and Tighten the servo down.



\* Note: Some kits do not include the servo.

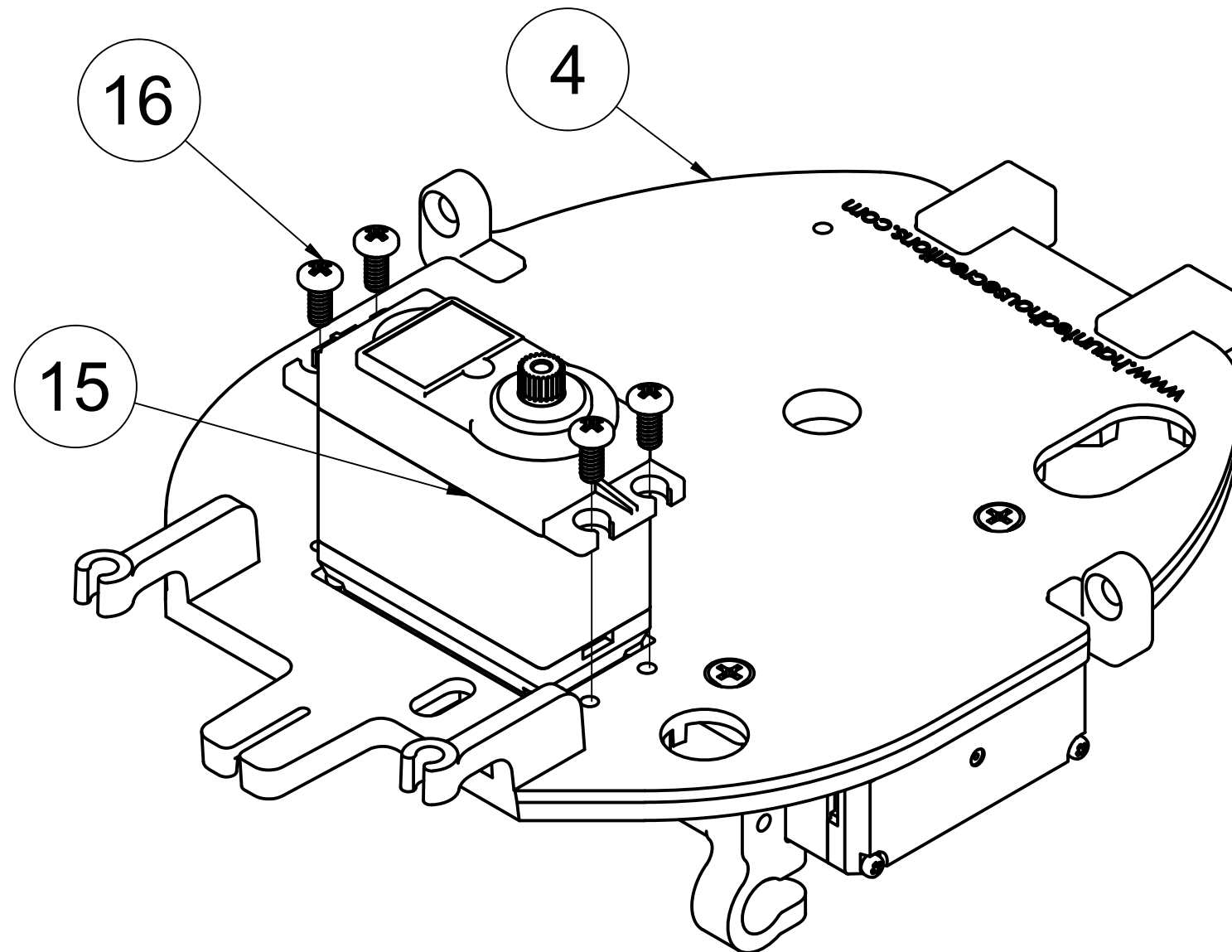
## Step 4

1. Assemble #5 to #7 with #25 make sure the washer side is facing up on #7 Tighten Screw until #5 stops swivelling and backoff until it starts to swivel freely. Note do not over tighten or you will strip the hole.
2. Repeat this with #6 to #7 and #25
3. Slide #27 through the slot on #7 from the bottom and thread it to #26 hole A ,untill 2 threads pass through the top of #26 .  
Make sure the spline on #26 is facing down.



## Step 5

1. Slide #15 servo wire through the hole in #4, tilt the the servo downward to the wire side and pop it through the hole seat it in place.
2. Slide 4 #16 screws through the servo and screw to holes in #4

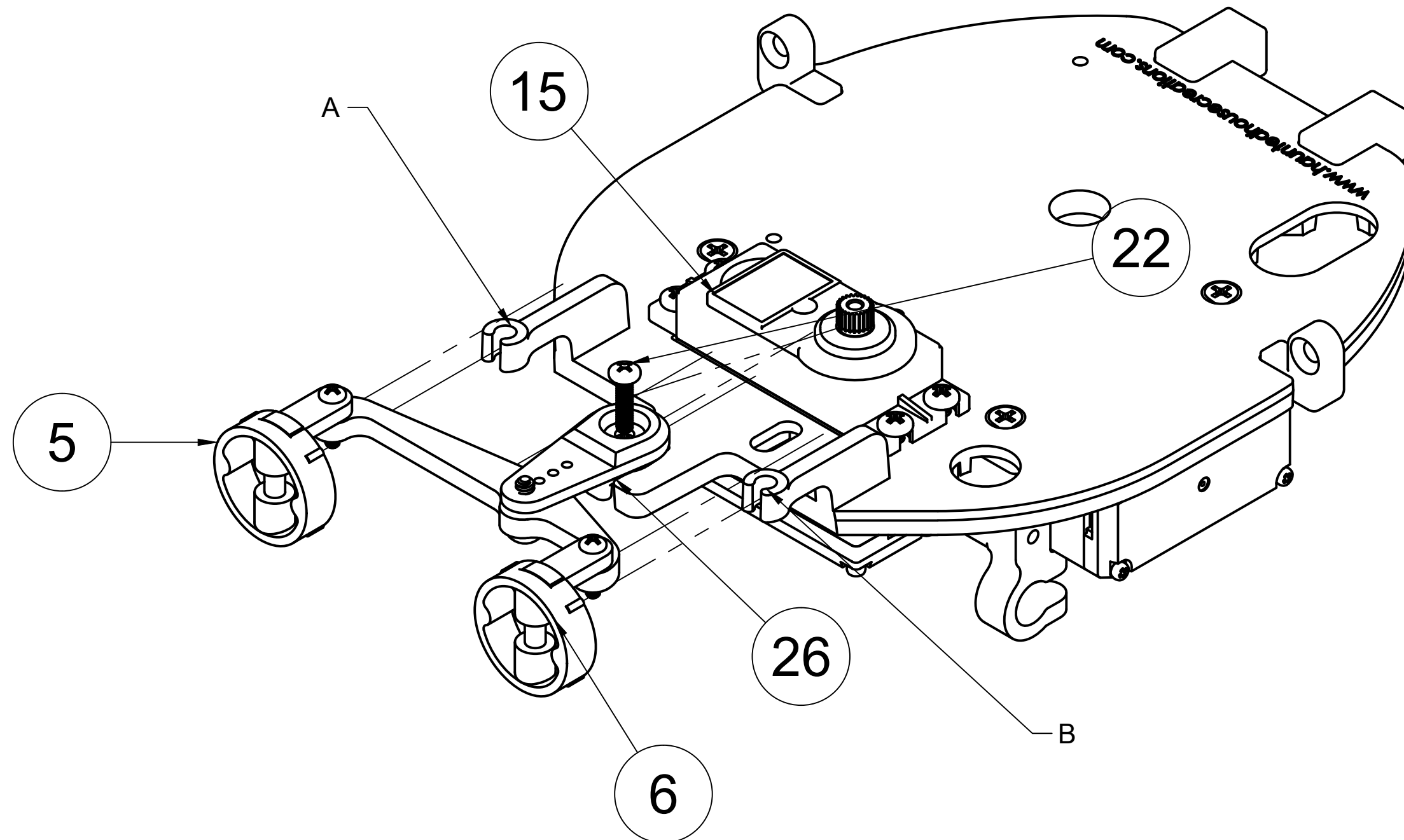


\* Note: Some kits do not include the servo.



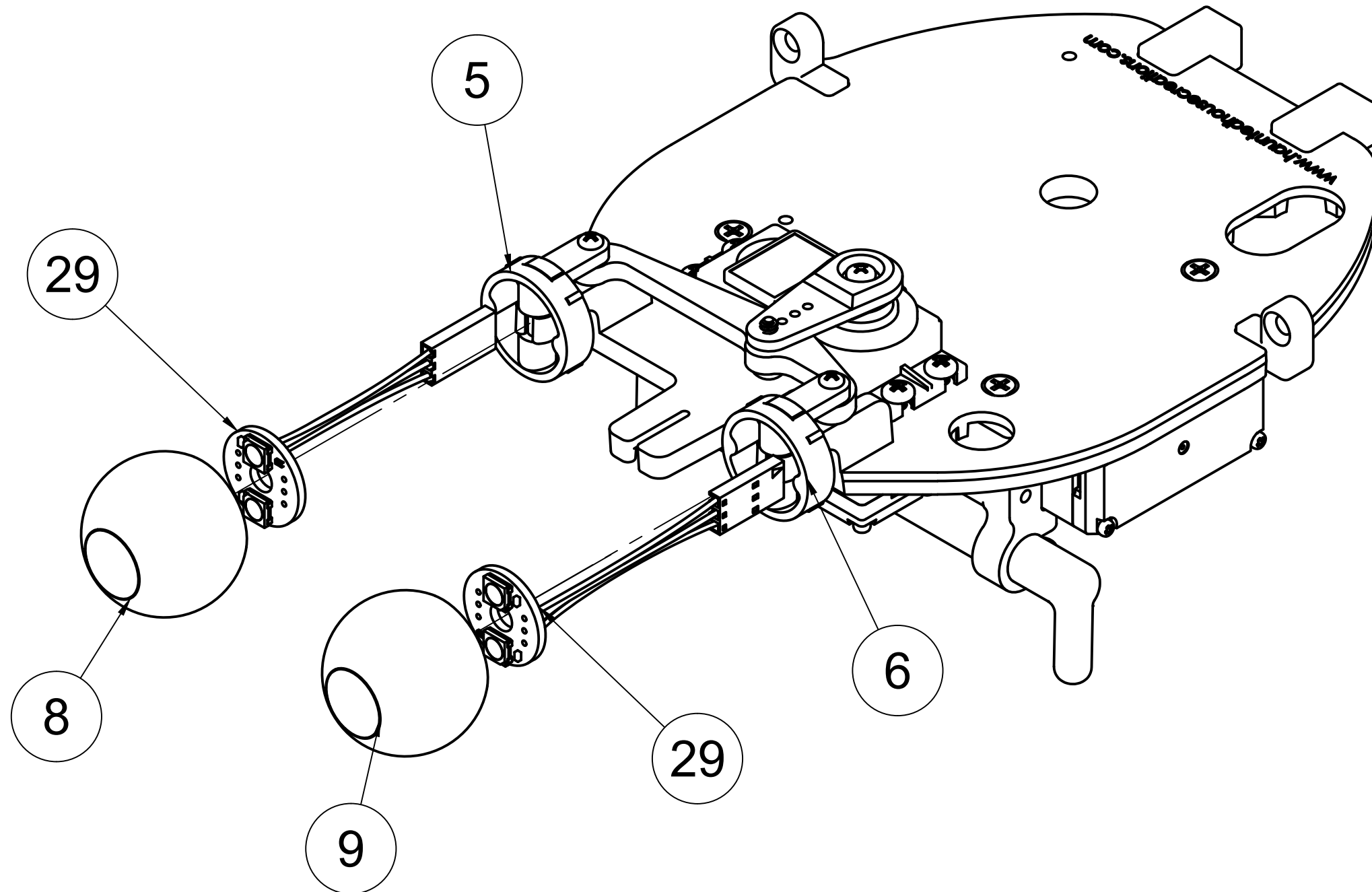
## Step 6

1. Clip #5 and #6 into A and B on #4
2. Push #26 onto the servo Spline until it is seated
3. Install #22 screw into #15 and tighten.



## Step 7

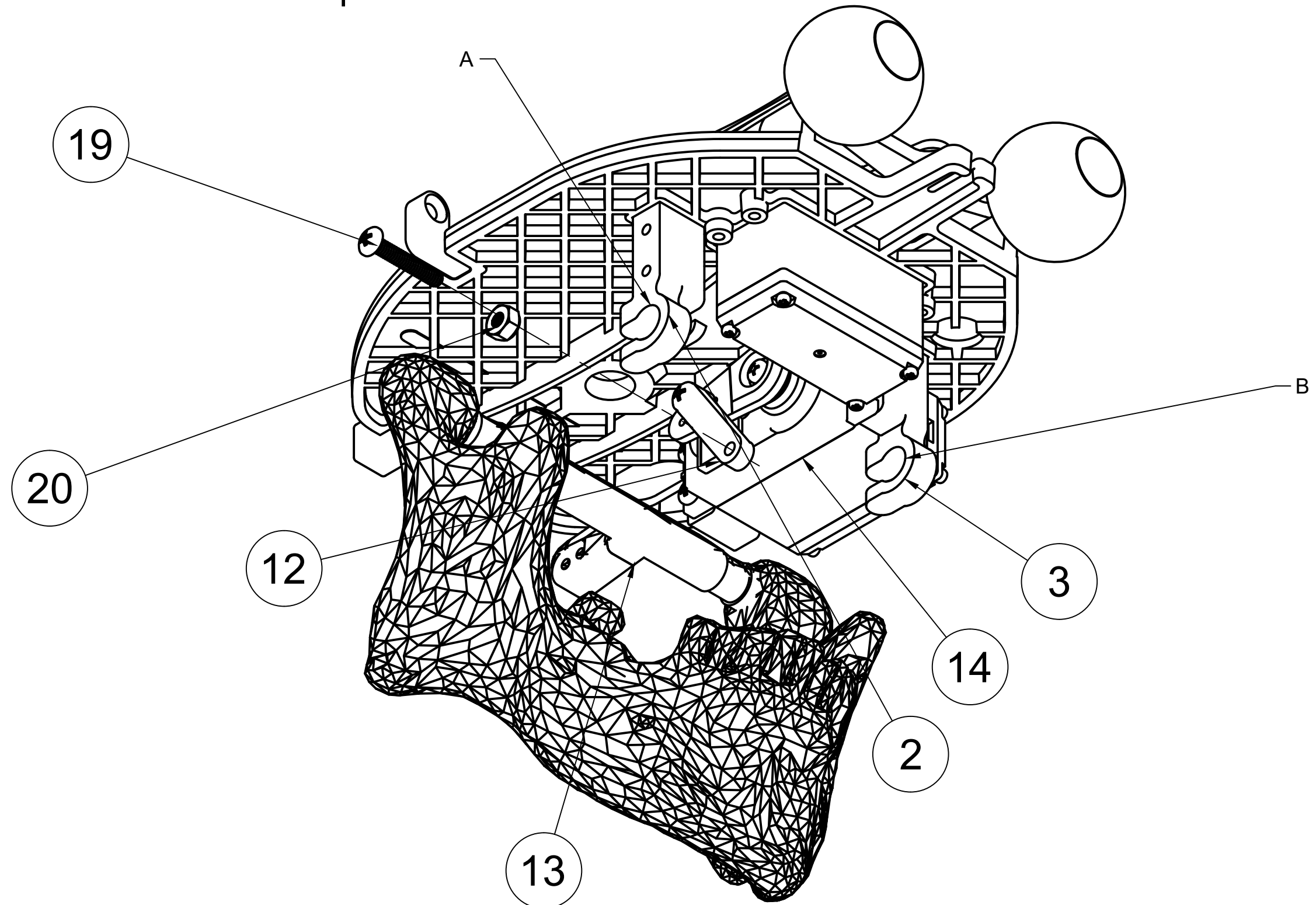
1. Slid #29 through #5 Eye Ring on the left side
2. Slide #8 Eye over #5 until its all the way in.
3. Repeat the same for #29 #6 and #9 right side



\*Note: Some Kits Do Not Include Neo Pixels.

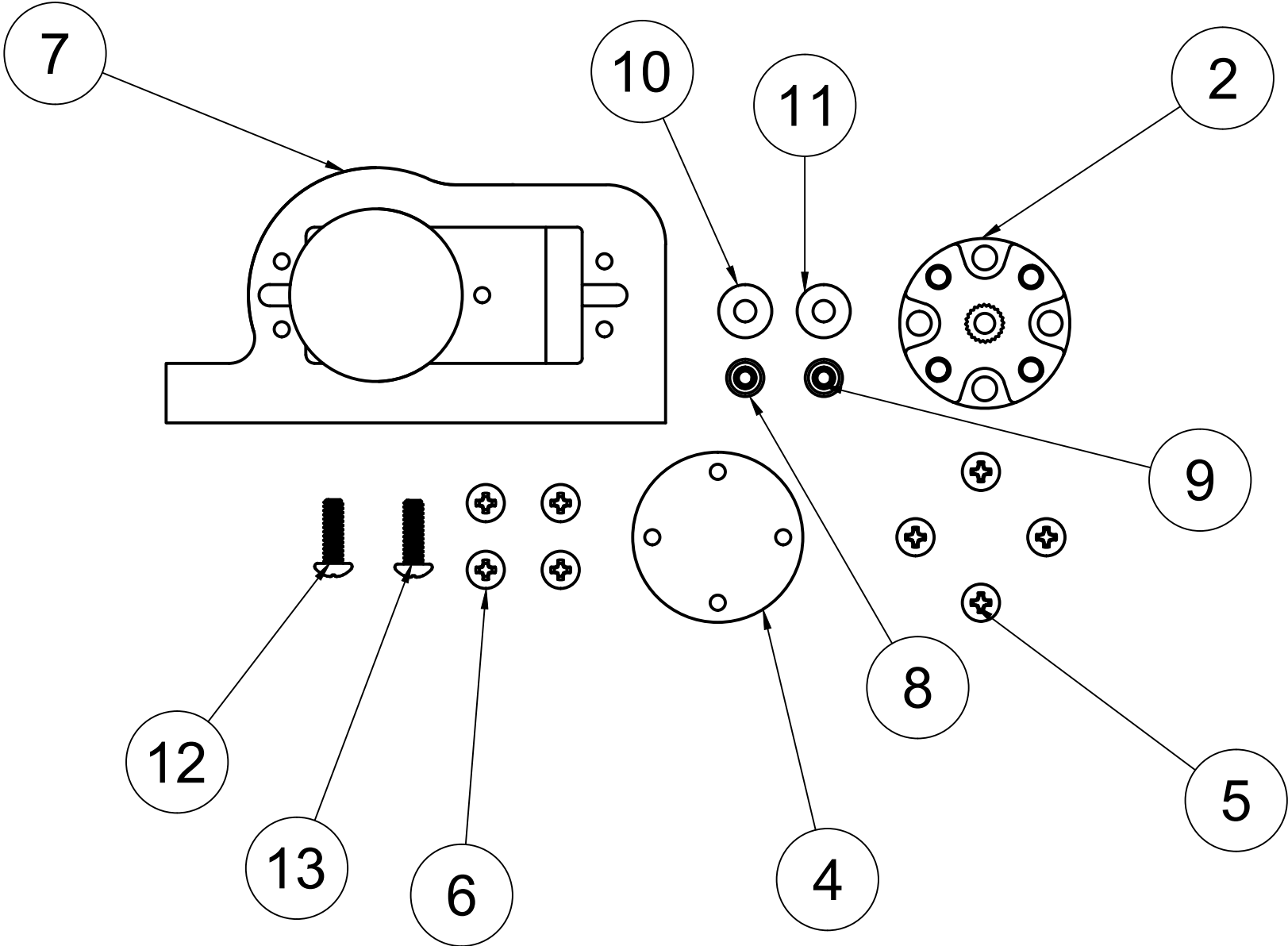
## Step 8

1. Snap #13 to #2 A and #3 B
  2. Slide #19 through #12 then through #13 and tighten #20
- Allow so sslack so the nut and bolt can spin.



Parts List For Head Turn Kit

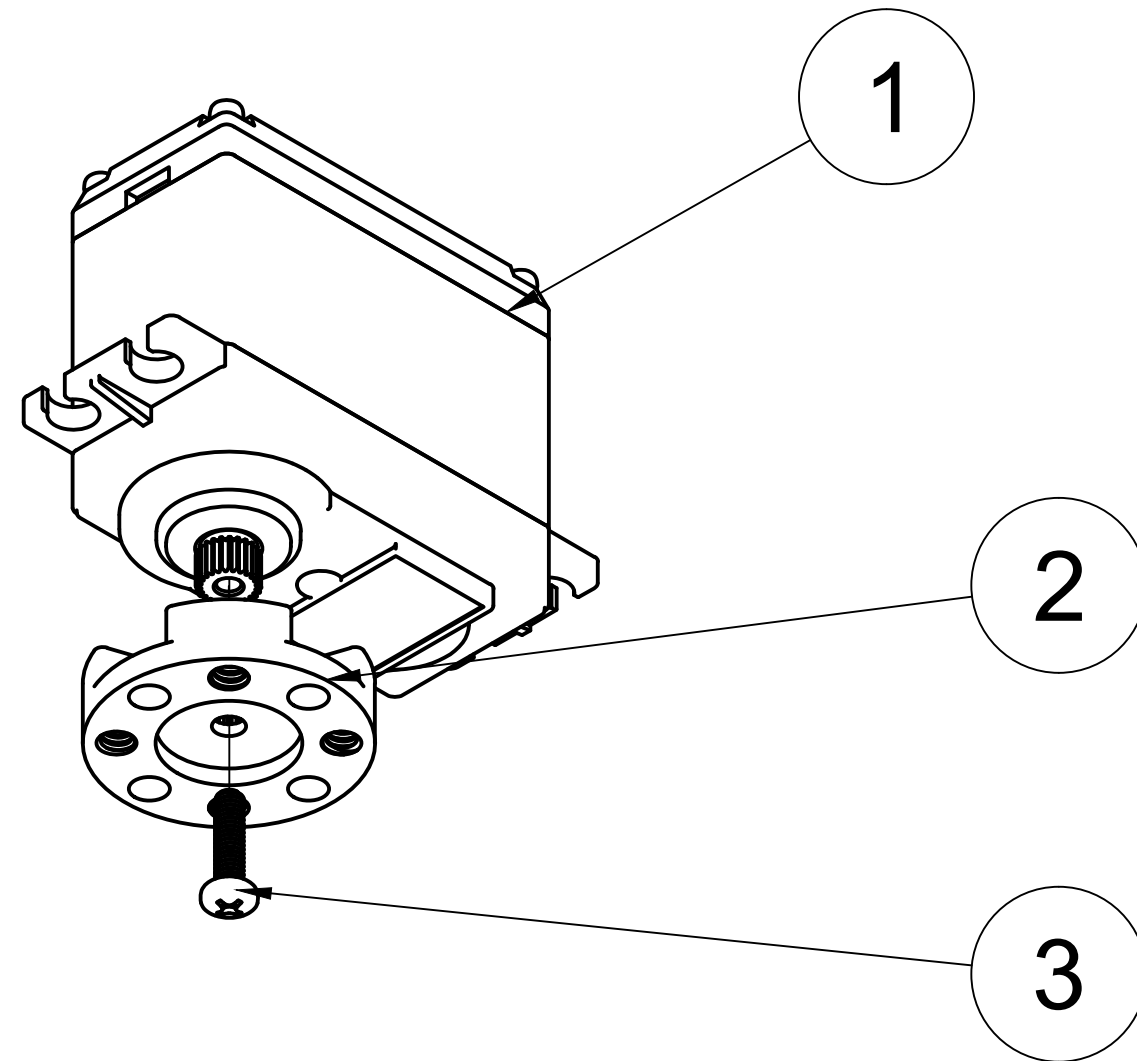
If you do not have the  
Head turn kit skip to #18



PARTS LIST		
ITEM	QTY	PART NAME
2	1	24 SPLINE HUB
4	1	SERVO SHAFT HEAD TURN
5	4	4-40 PAN PHIL 1/4 V1
6	4	4-40 PAN PHIL 3/8 V1
7	1	HEAD TURN MOUNT 2024
8	1	4-40 1/2 TURN HOLD DOWN V1
9	1	4-40 1/2 TURN HOLD DOWN V1 (1)
10	1	4-40 WASHER TURN HOLD DOWN V1
11	1	4-40 WASHER TURN HOLD DOWN V1 (1)
12	1	4-40 3/8 SERVOTALK V1
13	1	4-40 3/8 SERVOTALK V1 (1)

# Head Turn Step 1

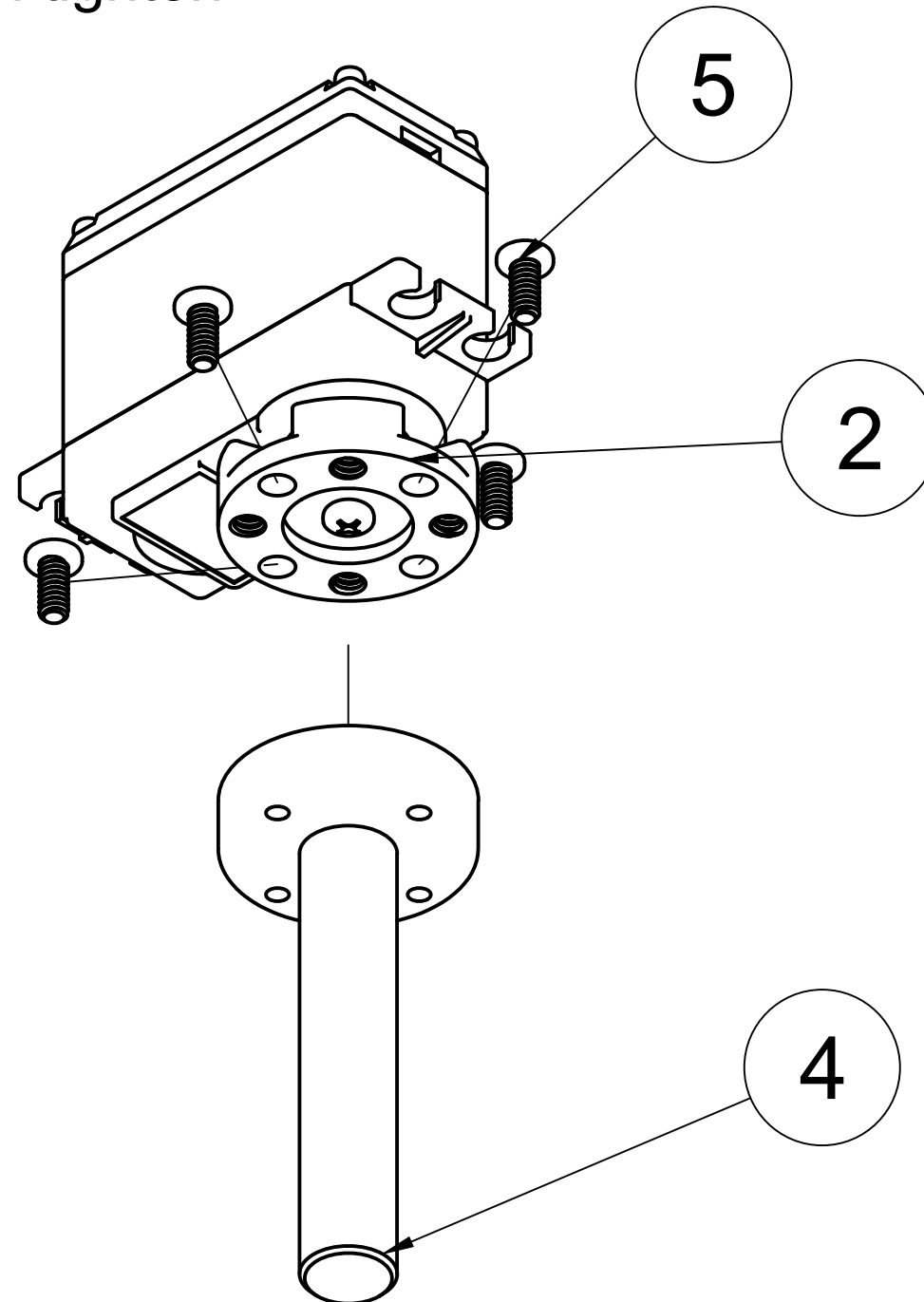
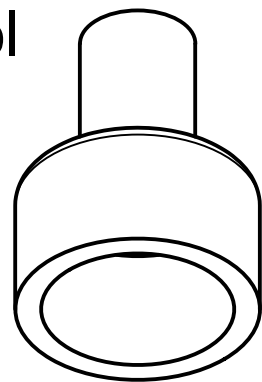
1. Attach #1 With #2 by sliding #2  
On to the Spline of #1 tighten down  
With #3



# Head Turn Step 2

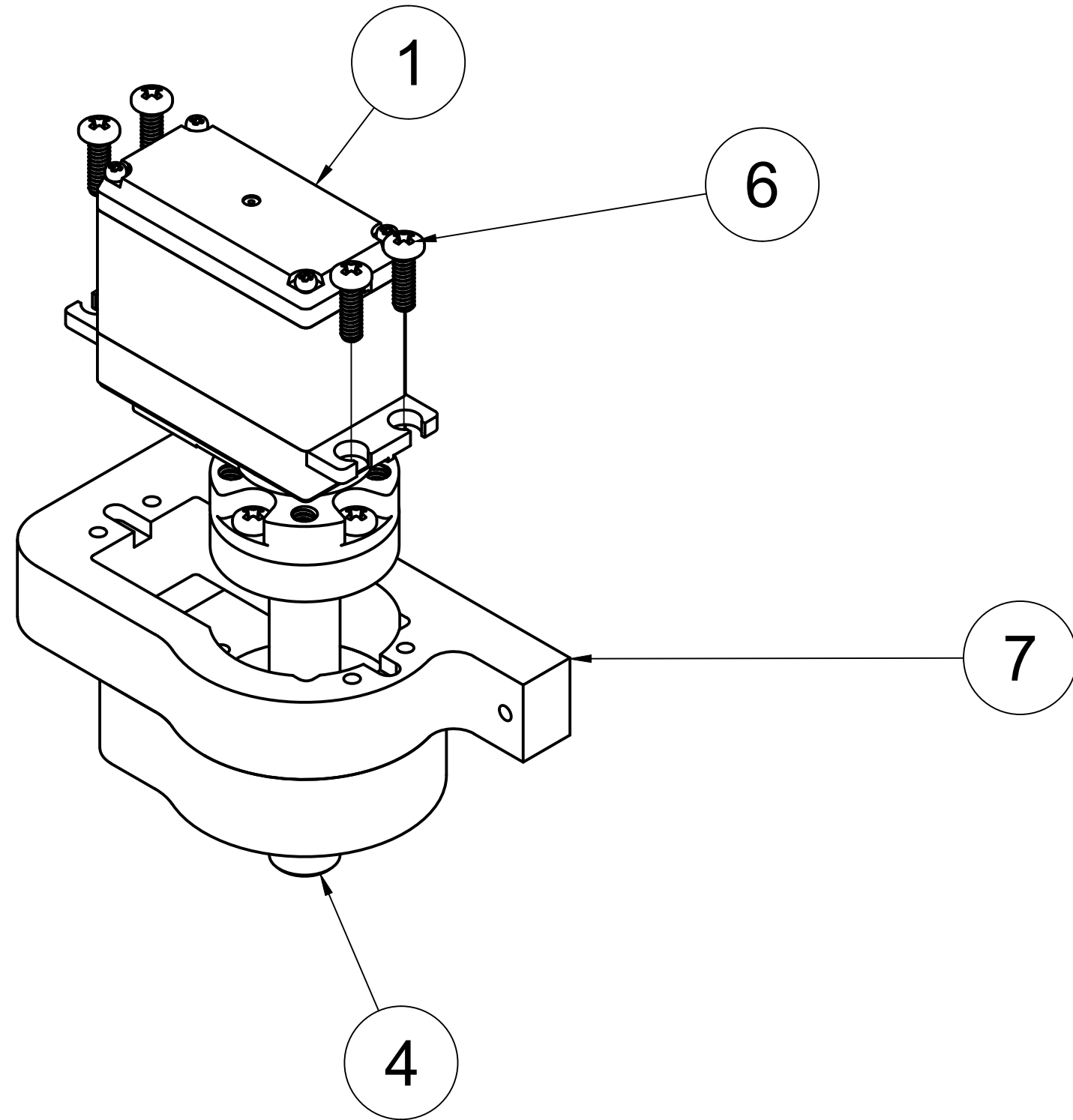
2. Slide #5 Through #2 and fasten to #4. Do not tighten.  
You can turn #2 to access #5. Slide the alignment  
Tool along #4 all the way, now you can tighten  
All 4 #5 screws.

Alignment Tool



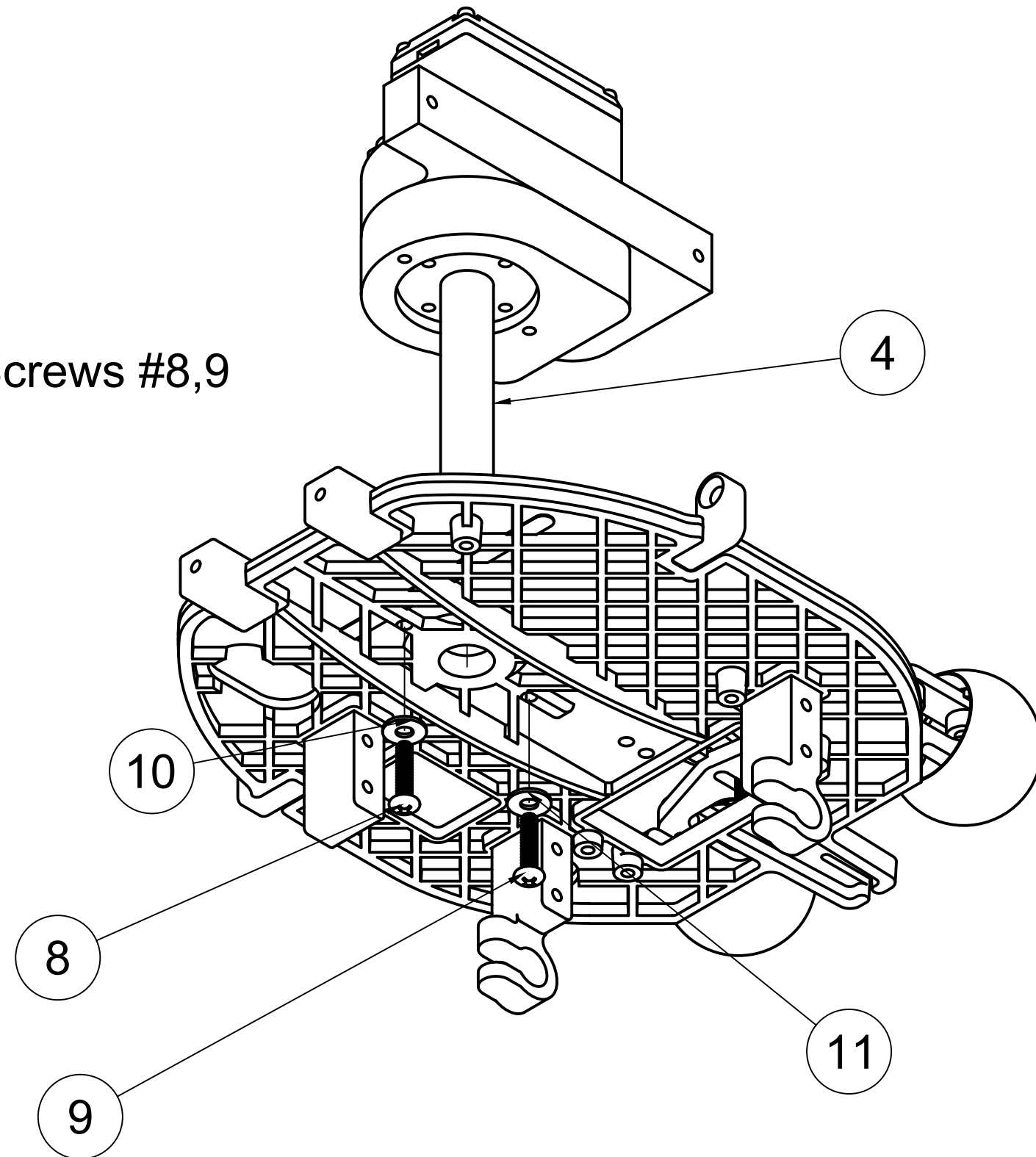
## Head Turn Step 3

3. Slide #4 Through #7 all the way  
Then slide #6 Through #1 and  
Fasten to #7. Make sure from the  
Bottom that #4 and #7 are aligned



## Head Turn Step 4

1. Slide Assembly #4 through the Plate  
And fasten with washers #10,11 and Screws #8,9



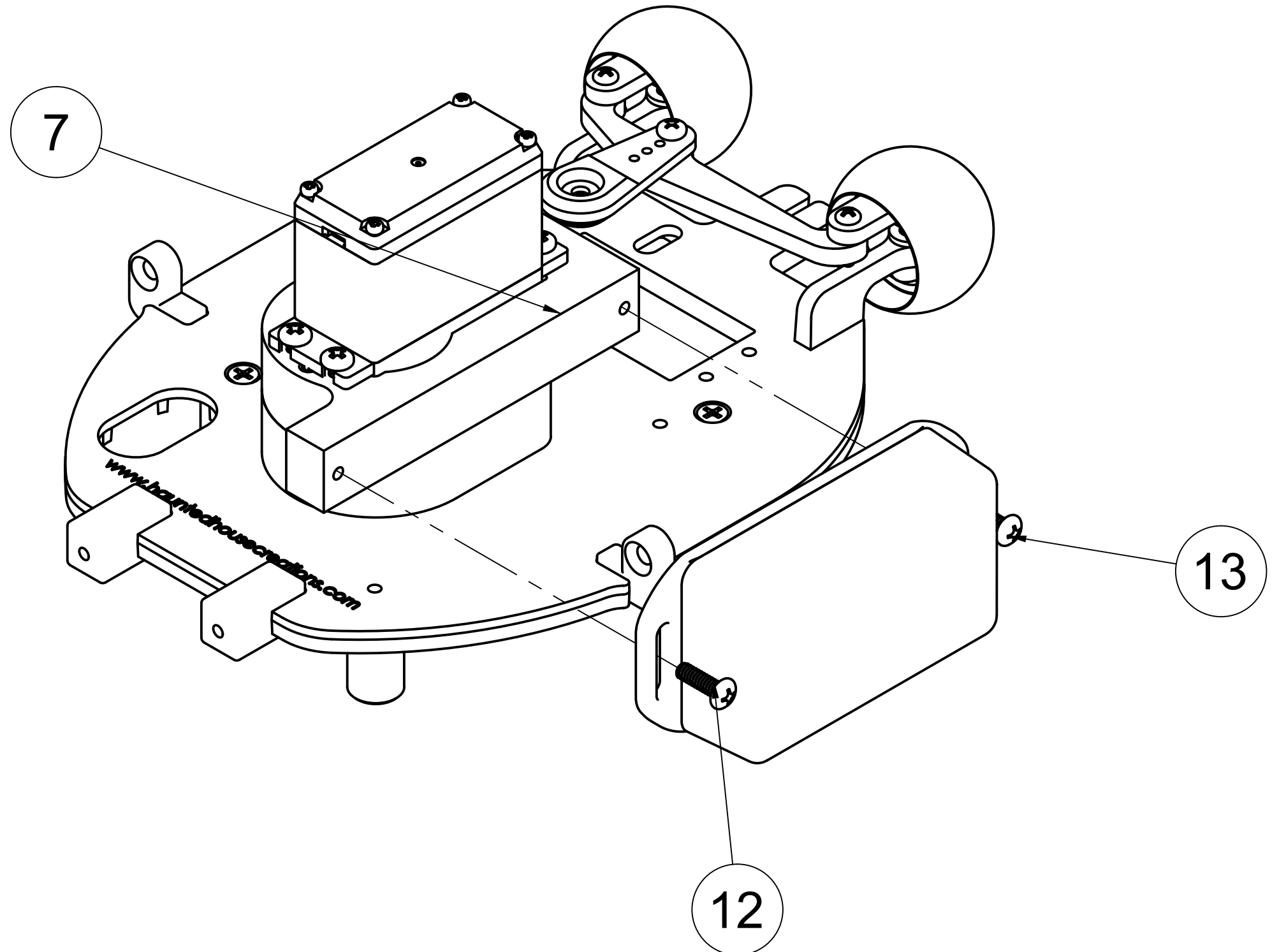


## Head Turn Step 5

If you have a controller  
Complete this step

1. Attach your controller to #7  
With #12 and #13

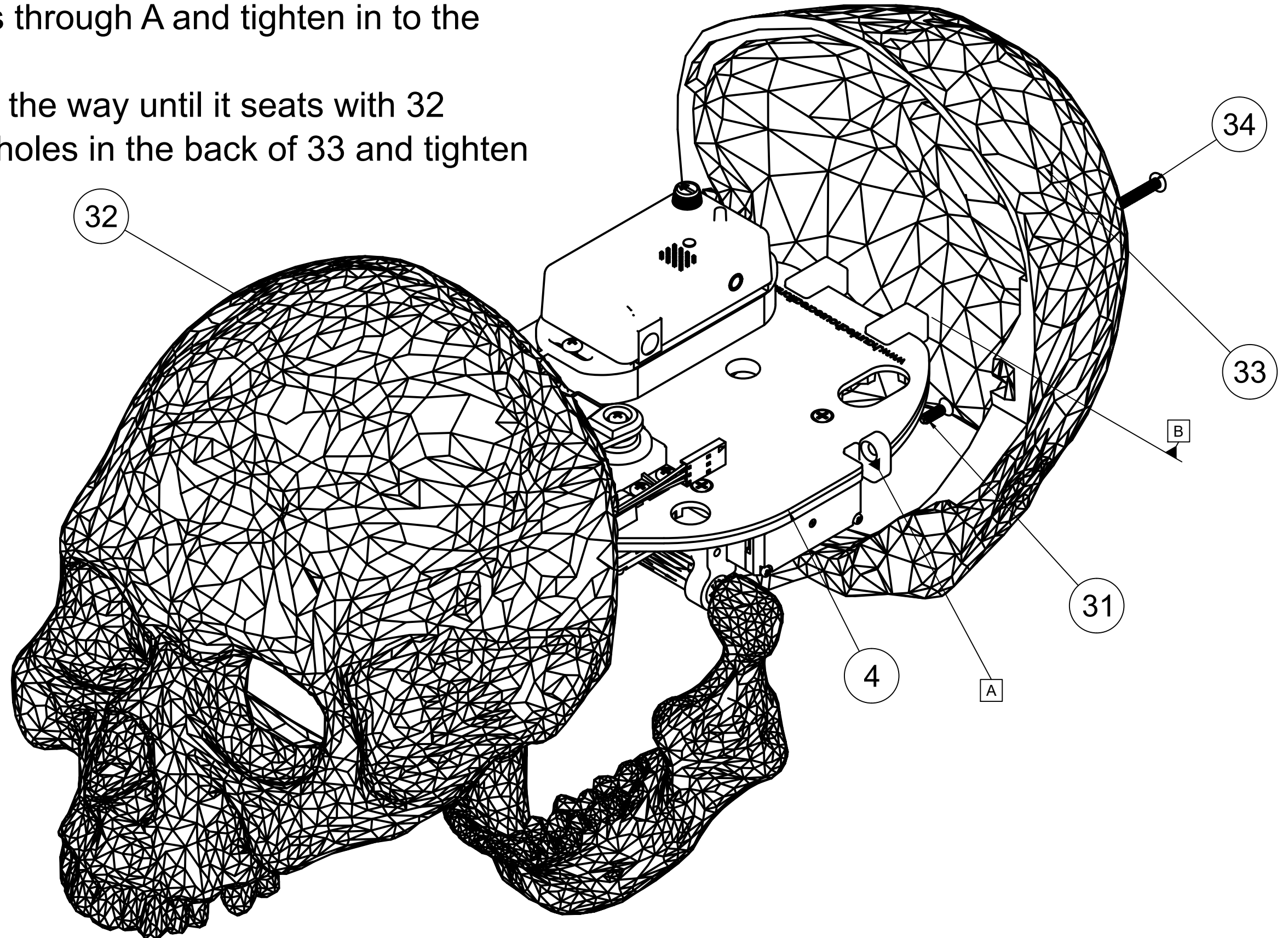
2. Attach your servos to  
Mouth, Eyes, Head.





## Step 10

1. Slide #32 on to #4 all the way until it seats
2. Slide 2 #31 screws through A and tighten in to the threaded part of #32.
3. Slide 33 on to 4 all the way until it seats with 32  
Slide 34 through the holes in the back of 33 and tighten to B.



Notes	
*	This Kit Does Not Include Servos
*	This Kit Does Not Include ServoTalk or any Servo Controller.
*	This Kit Does Not Include Neo Pixles

Servo's	
Mouth and Eye Servo Hitec	HS-425BB OR HS-485HB 24 Spline
Servo Upgrade	HS-645MG 24 Spline

Resorces	
Servo's	<a href="http://www.hauntedhousecreations.com">www.hauntedhousecreations.com</a>
	<a href="http://www.frightprops.com">www.frightprops.com</a>
	<a href="http://www.servocity.com">www.servocity.com</a>
Servo Controller's	<a href="http://www.robotshop.com">www.robotshop.com</a>
	<a href="http://www.hauntedhousecreations.com">www.hauntedhousecreations.com</a>
	<a href="http://www.frightideas.com">www.frightideas.com</a>
	<a href="http://www.frightprops.com">www.frightprops.com</a>
Neo Pixles	<a href="http://www.hauntedhousecreations.com">www.hauntedhousecreations.com</a>

Tools Required
Flat head Screw Driver
Phillips Screw Driver/1/4 Wrench