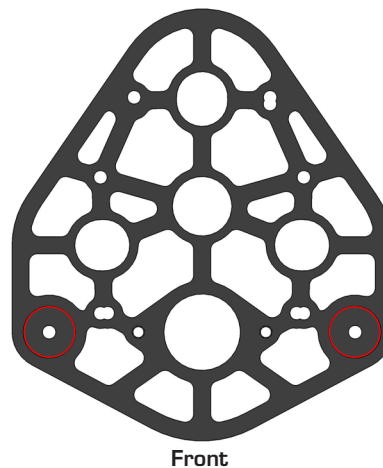
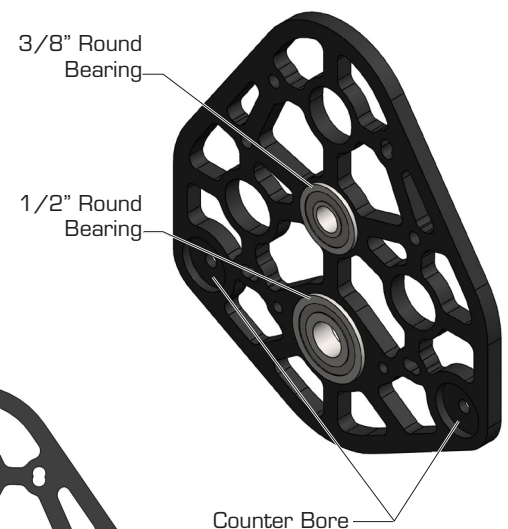
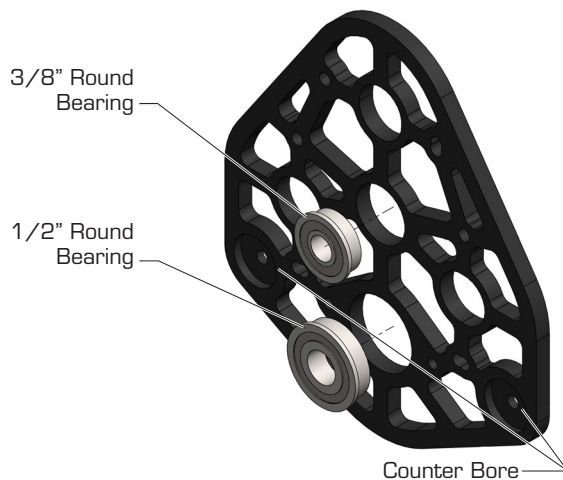


# WCP SS WCD

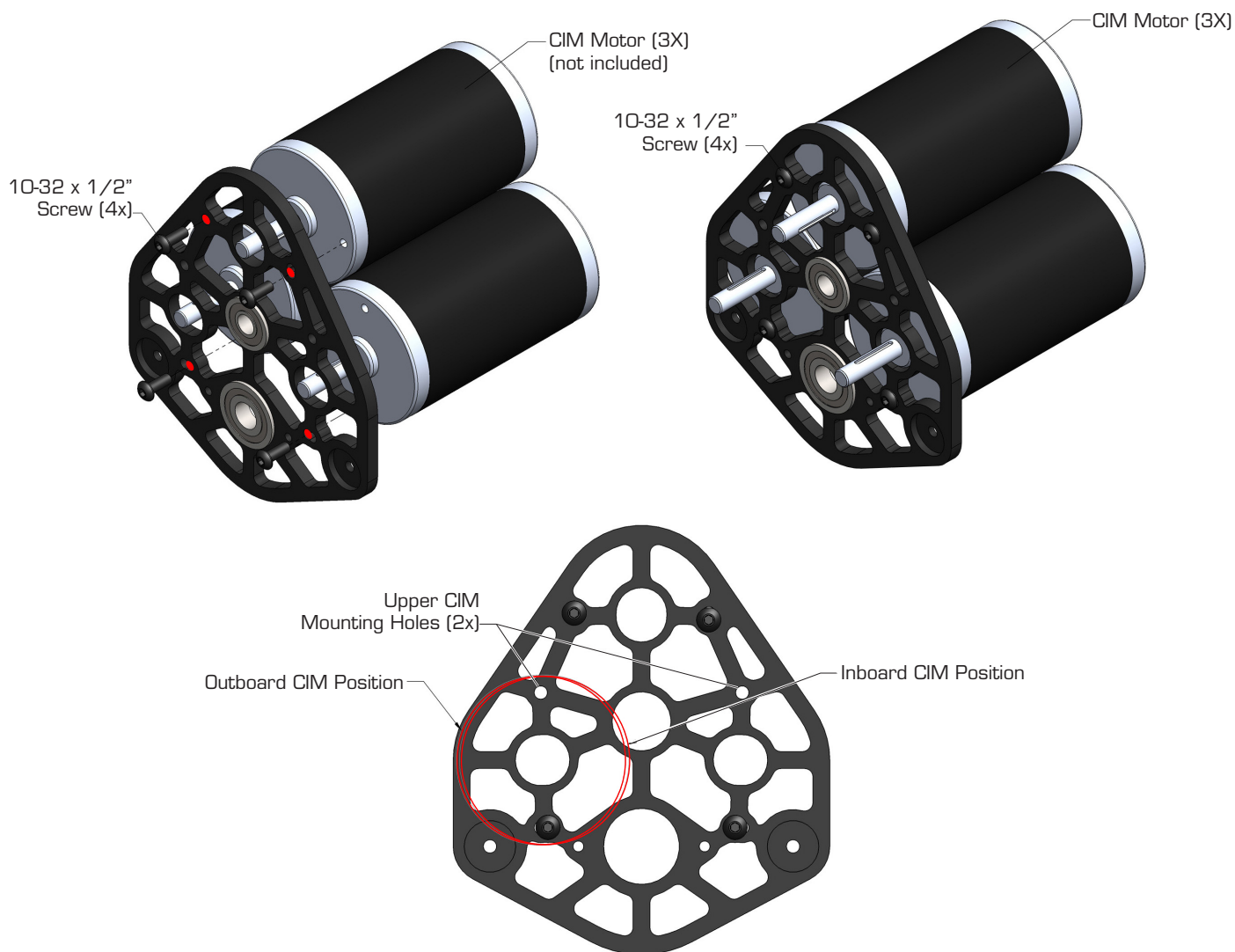
## Assembly Guide



### Step 1:

Insert the 1/2" round flanged bearing and a 3/8" round flanged bearing into the front transmission plate as shown.

**Note:** Make sure to install the bearings so the flanges are on the same side of the plate as the large counter-bores.

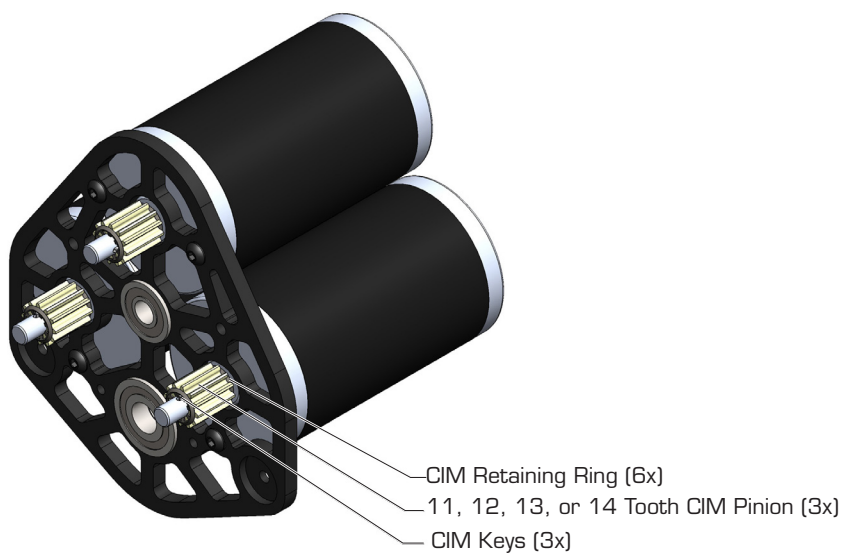
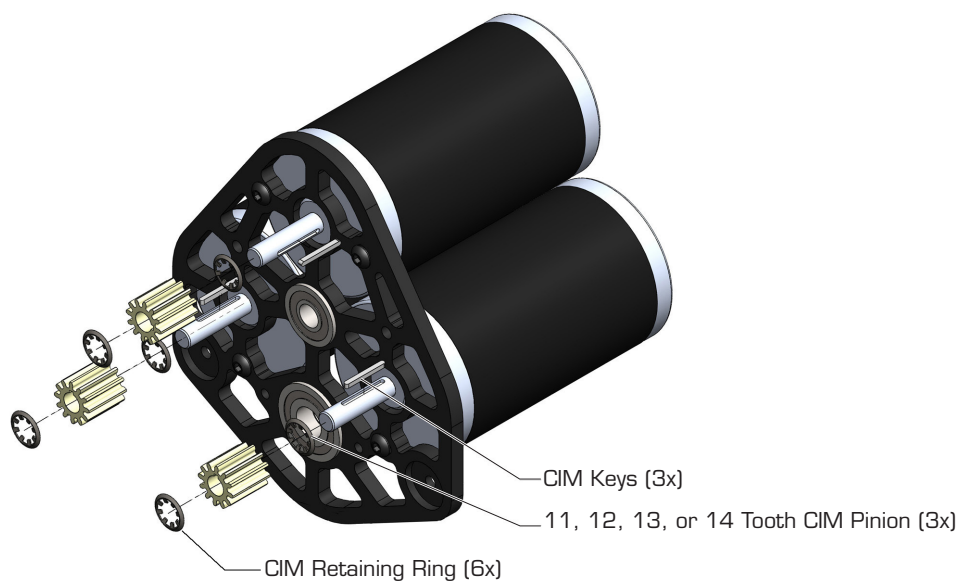


### Step 2:

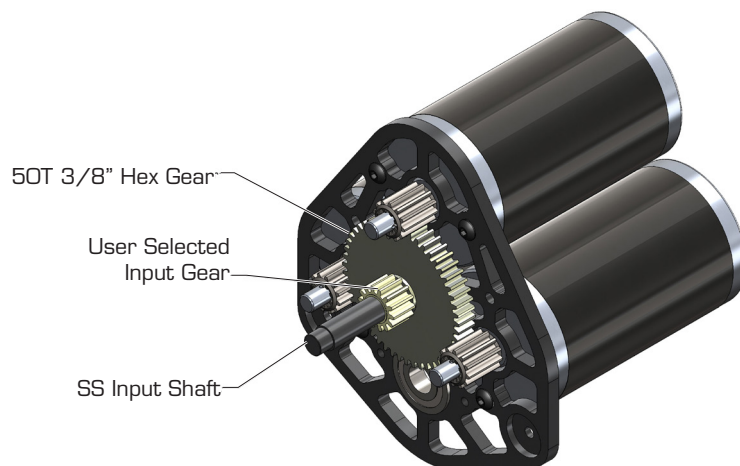
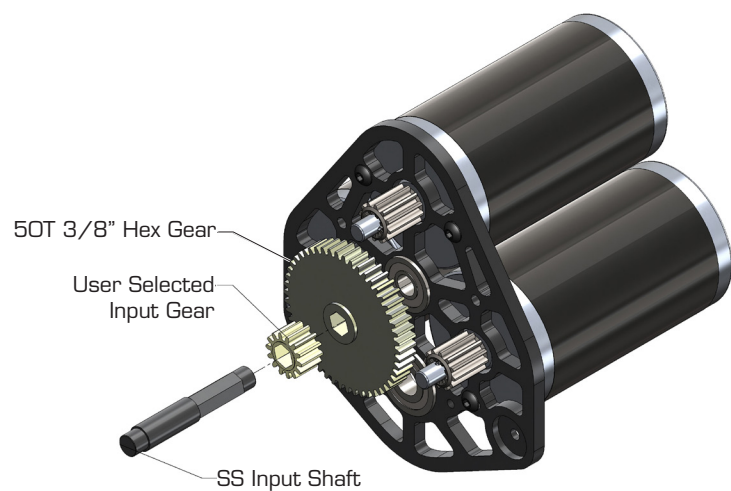
Using the lower mounting holes as shown, affix the (3X) CIM Motors (not included) to the transmission plate with (4X) 10-32 x 1/2" screws as shown. **Do not place screws in the upper CIM mounting holes.**

**Note:** The WCP SS Transmission has oblong shaped CIM Motor pilot and mounting holes. This allows the CIM Motor to be in two different positions (**INBOARD & OUTBOARD**), as shown, and allows four different CIM Motor pinions to be used to further customize gear ratios. To determine the proper CIM motor position, consult the chart below.

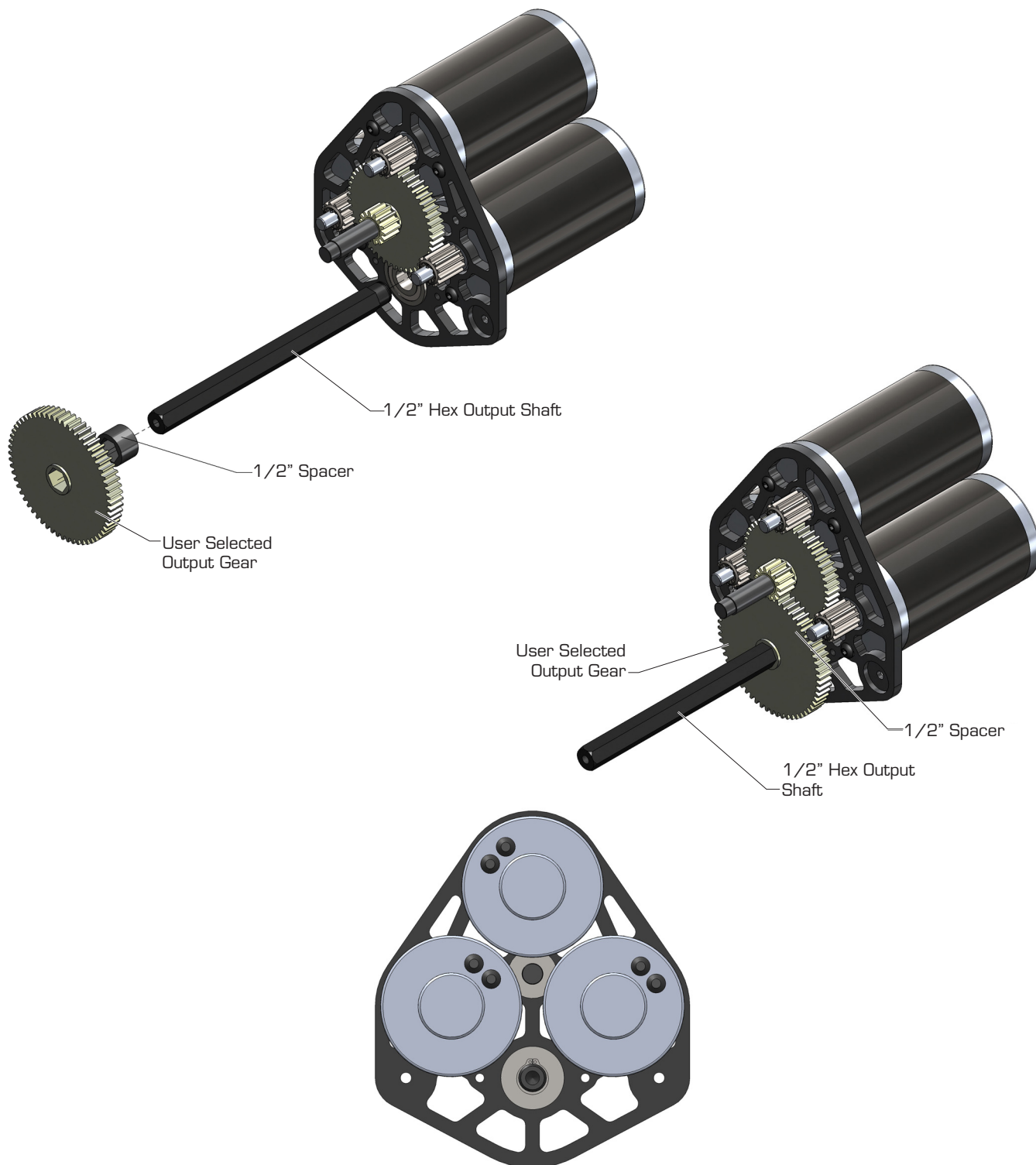
Pinion Gear	Cluster Gear	CIM Position
11T	50T	INBOARD
12T	50T	INBOARD
13T	50T	OUTBOARD
14T	50T	OUTBOARD

**Step 3:**

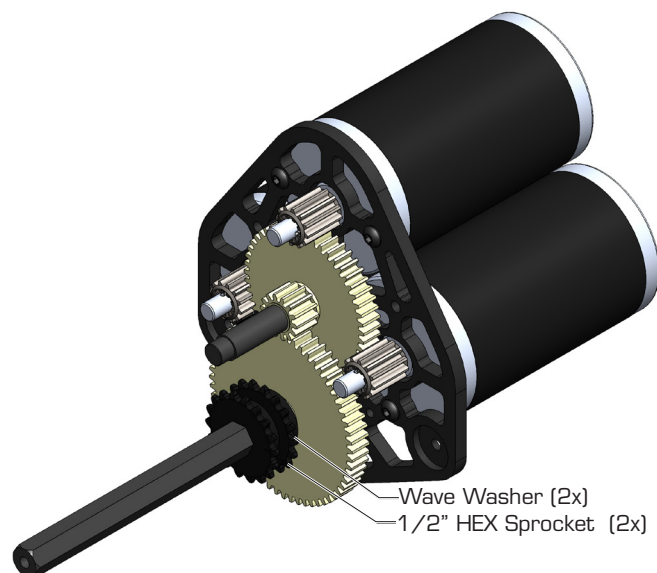
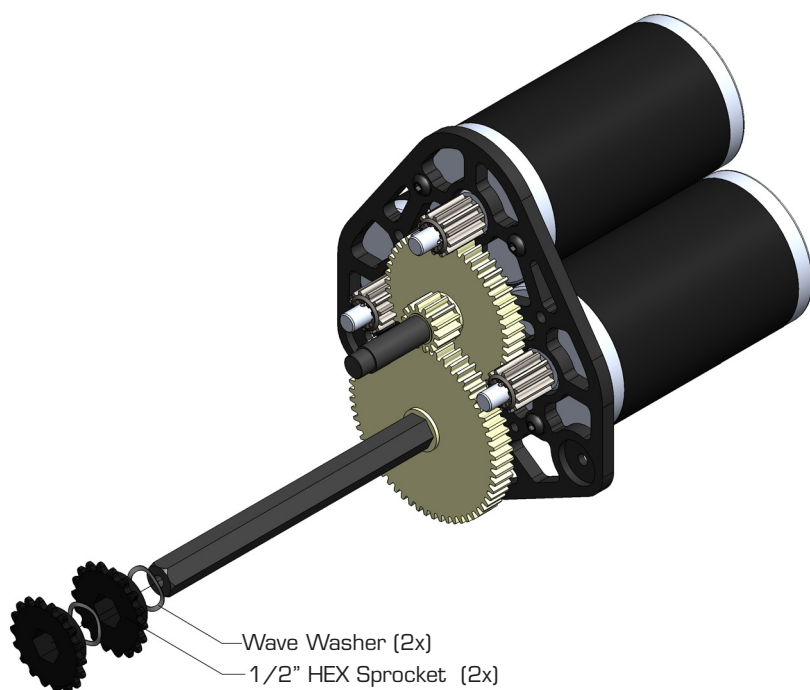
Install (6X) CIM retaining rings, (3X) 2mm keys, and (3X) 11, 12, 13, or 14 tooth pinion gears. Take care to push the first retaining ring just past the keyway.

**Step 4:**

Insert the single speed input shaft, user selected input gear, and 50 tooth 3/8" hex gear as shown.

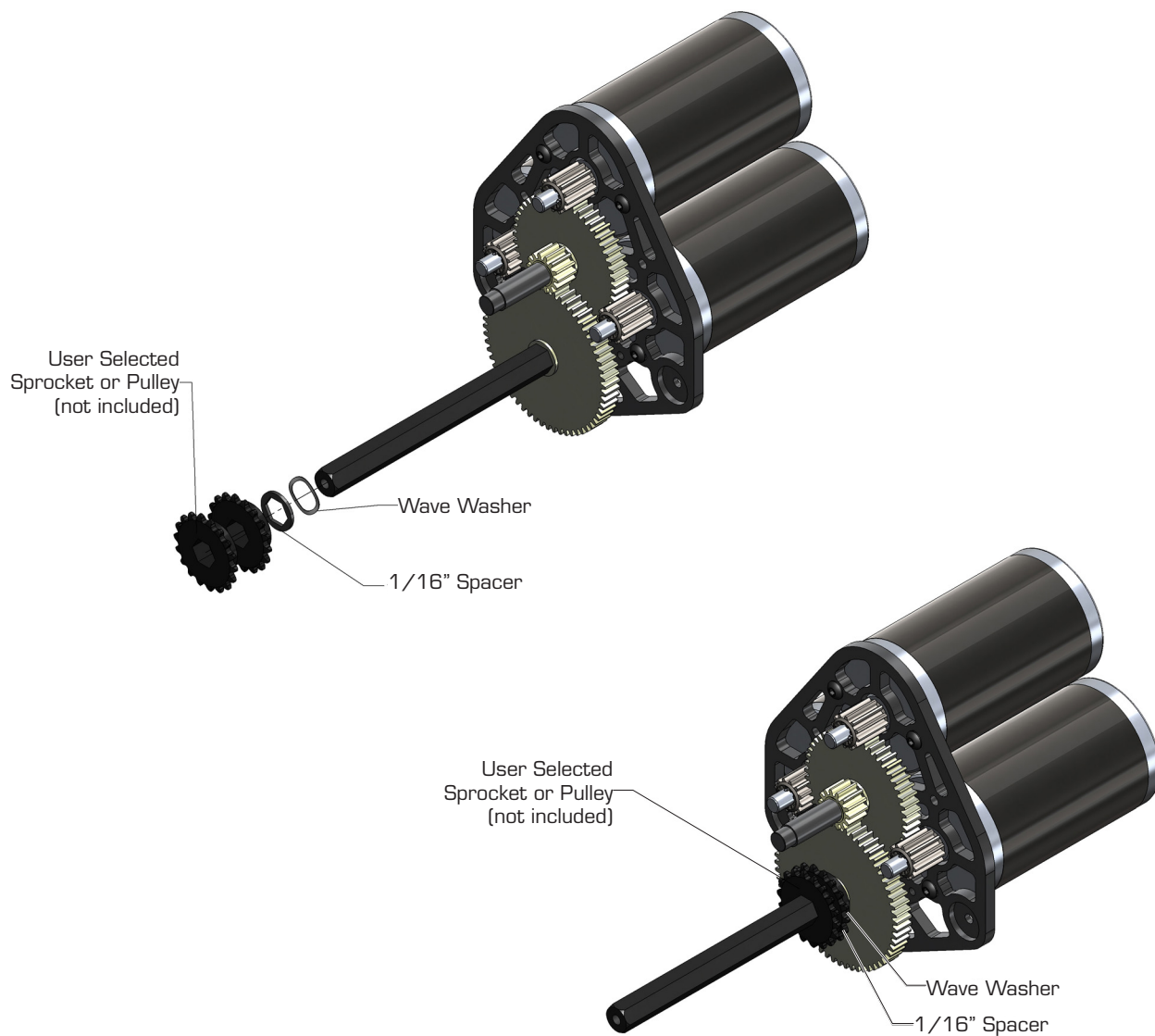
**Step 5:**

Insert the single speed output shaft and retain with the 1/2" snap ring. Then insert a 1/2" spacer and the user selected output gear onto the output shaft as shown. **At this point a liberal application of white lithium grease is required on all gears.**

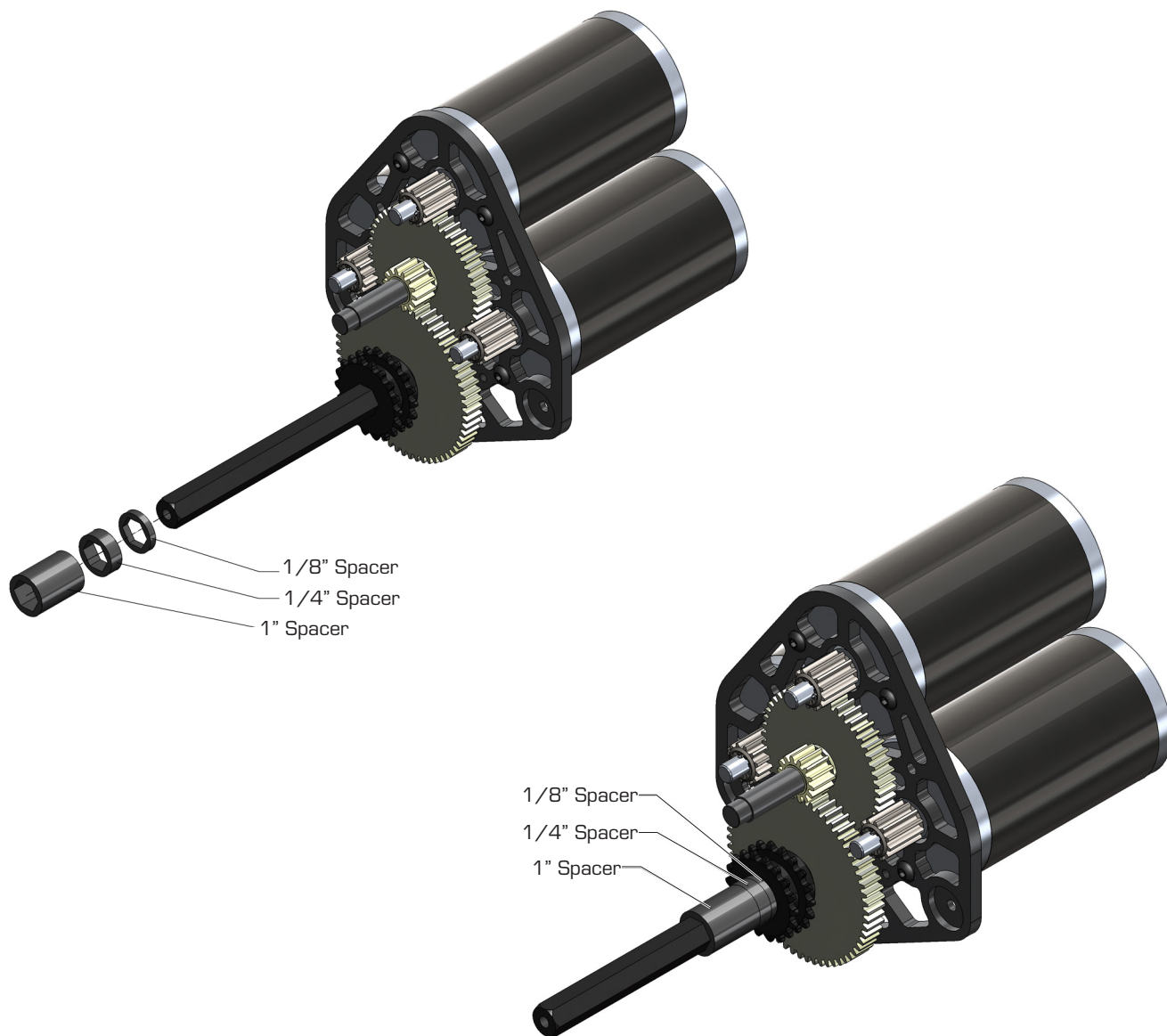
**Step 6 (6 Wheel Drive Configuration):**

If using a 6 wheel drive configuration, insert (2X) wave washers and (2X) user selected sprockets or pulleys (not included).



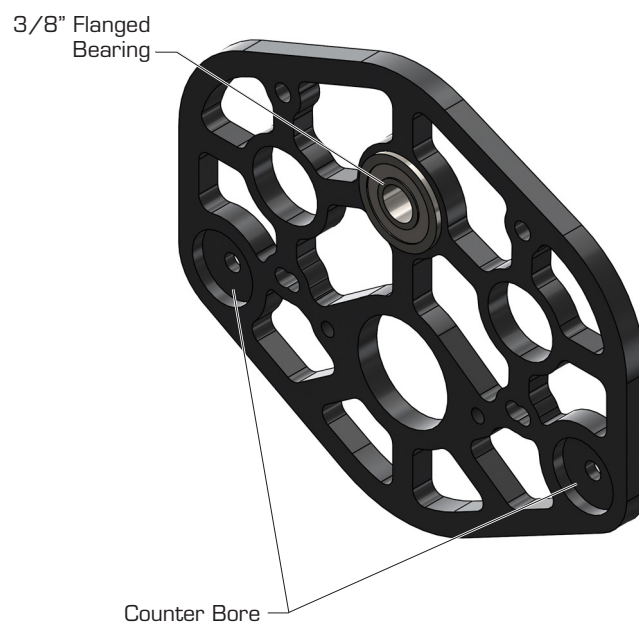
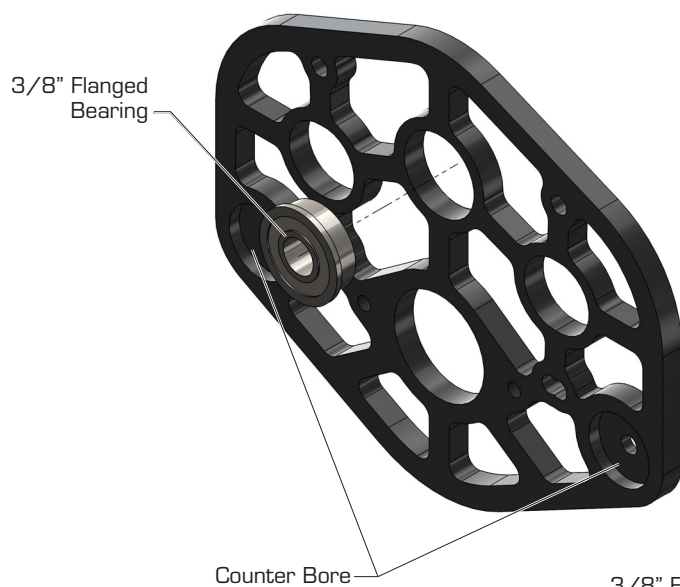
**Step 6 (8 Wheel Drive Configuration):**

If using an 8 wheel drive configuration, insert a wave washer, 1/16" spacer, and [2X] user selected sprockets or pulleys (not included).

**Step 7:**

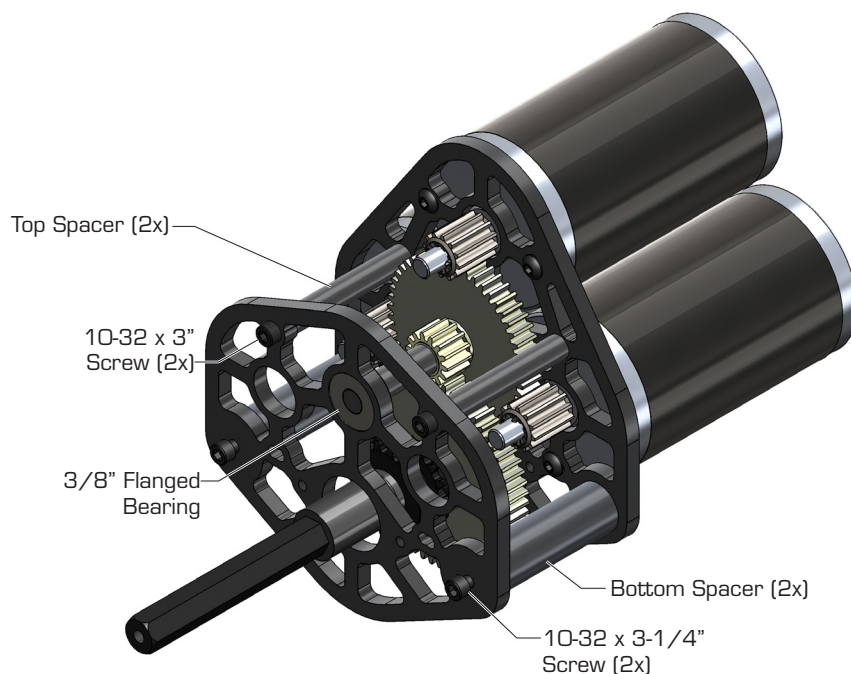
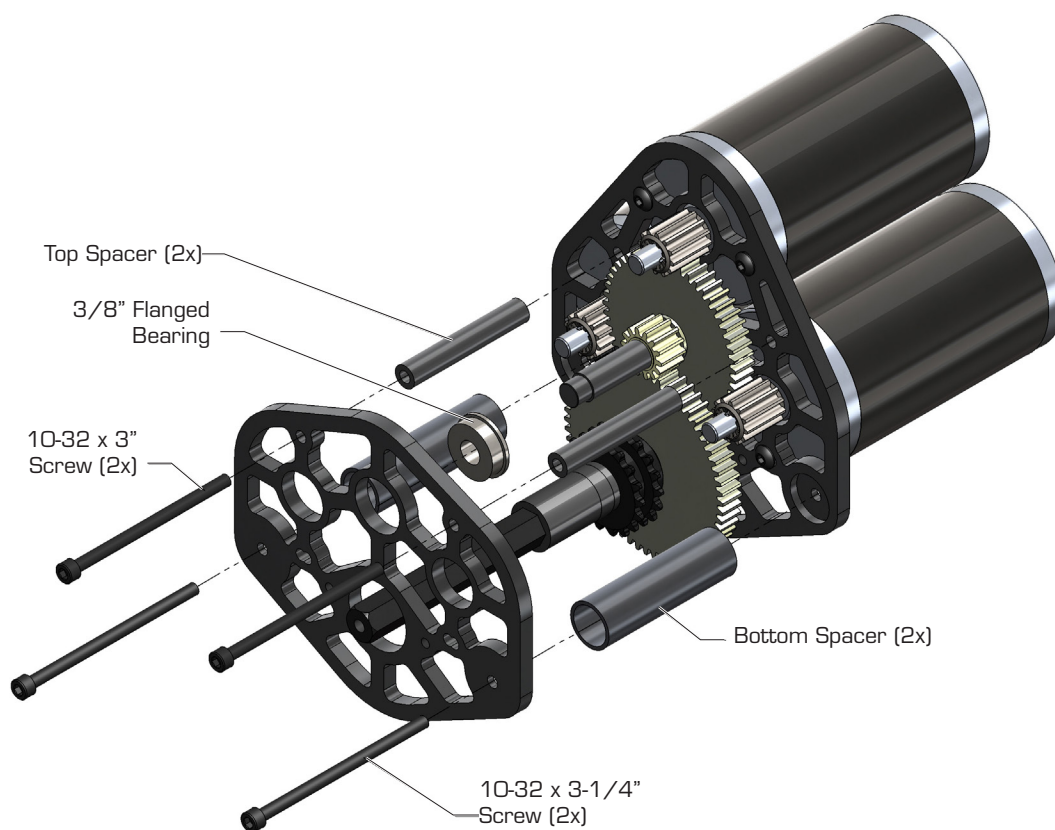
Insert a 1", 1/4", and 1/8" spacer onto the output shaft as shown.



**Step 8:**

Insert a 3/8" flanged bearing into the remaining transmission plate, as shown.

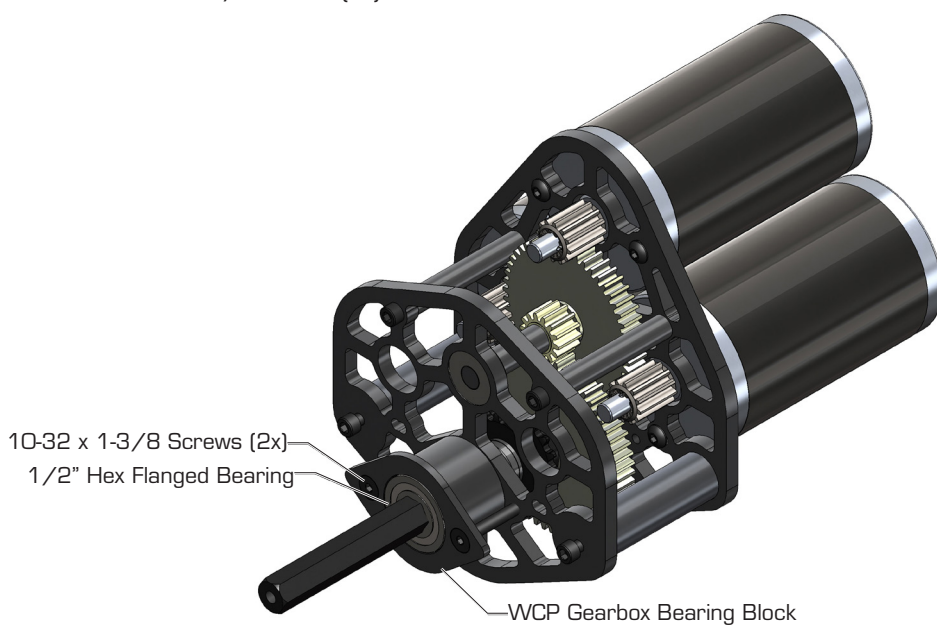
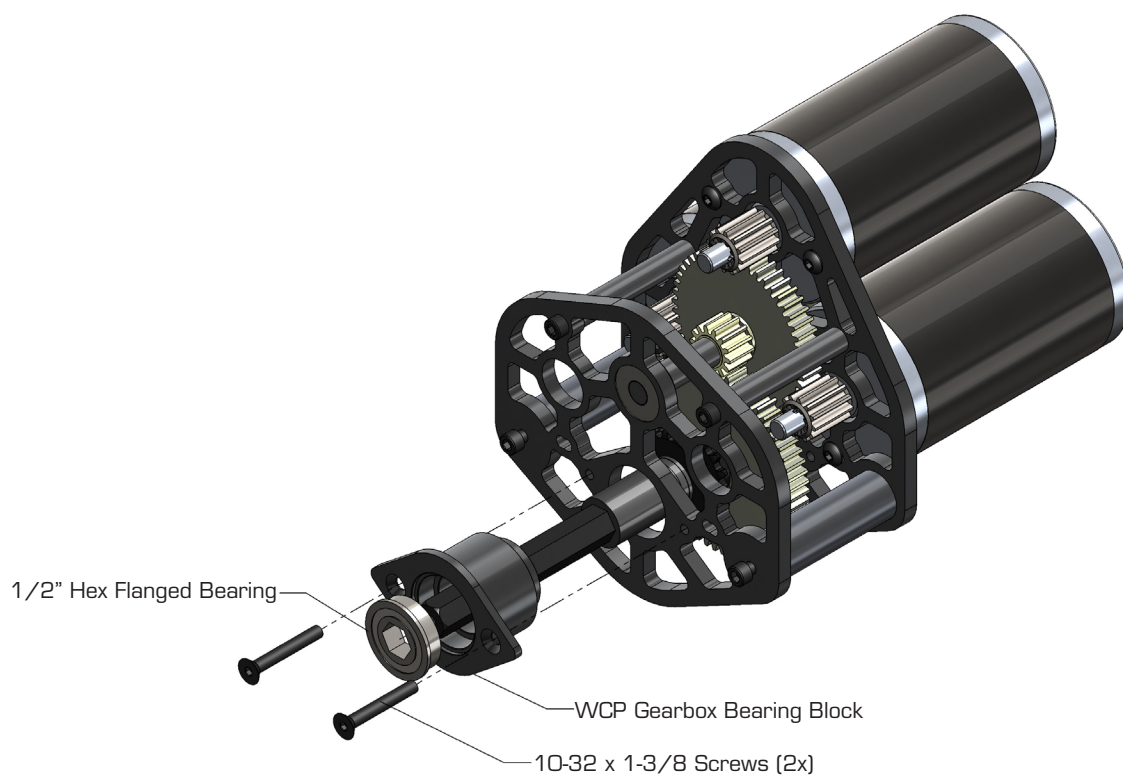
**Note:** Make sure to install the bearing so the flanges are on the same side of the plate as the large counter-bore.



### Step 9:

Insert (2X) bottom spacers, (2X) top spacers, (2X) 10-32 x 3" screws, (2X) 10-32 x 3-1/4" screws, (2x) 10-32 Nylock nuts and the second transmission plate as shown.

**Note: The 10-32 x 3" screws are used to retain the CIM motors and will screw directly into the motors.**

**Step 10:**

Insert the 1/2" hex flanged bearing, WCP bearing block, and (2X) 10-32 x 1-3/8" flathead screws as shown.