



# Nico Instruction Manual




## Build of Materials



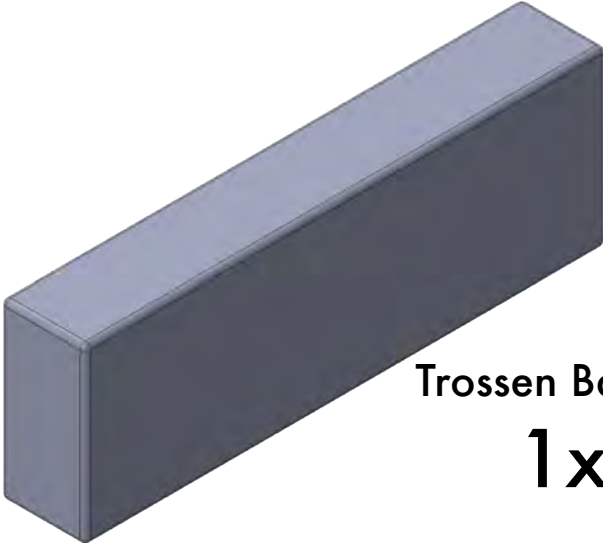
Short Rivet & Lock  
**60ish-x**




Long Rivet & Lock  
**6ish-x**




**6x**



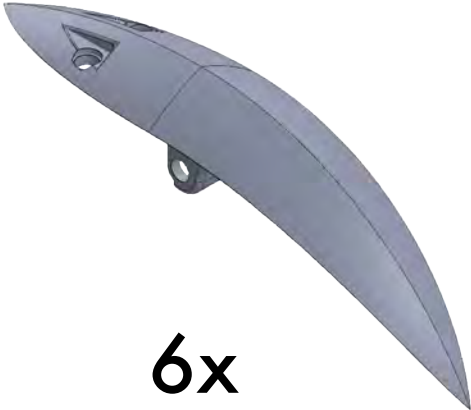
Trossen Battery  
**1x**




**19x**



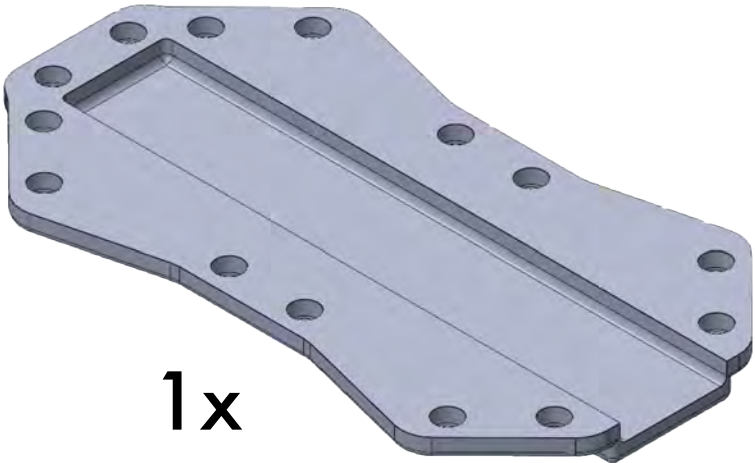
**12x**



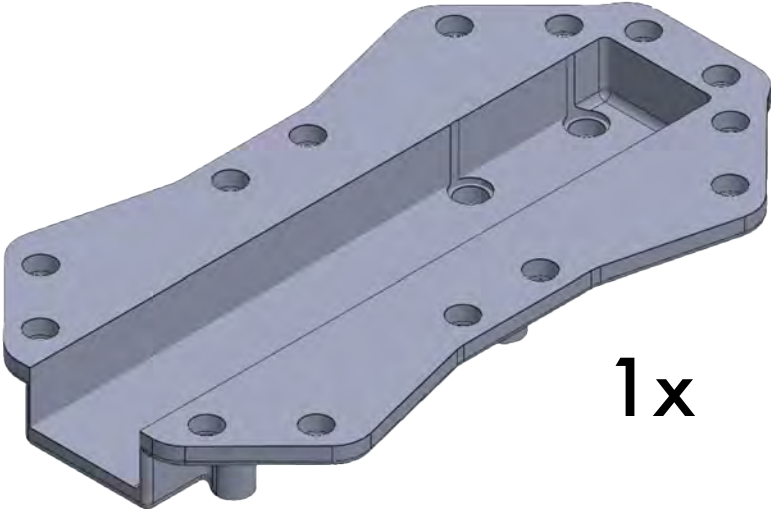
**6x**



**6x**

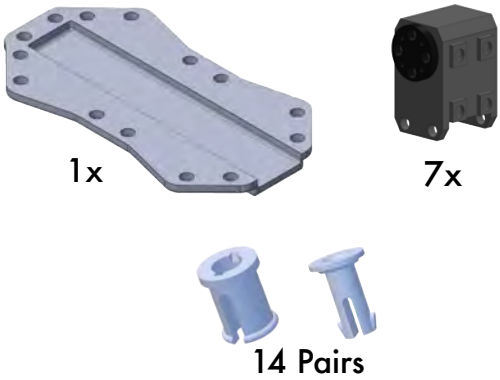


**1x**

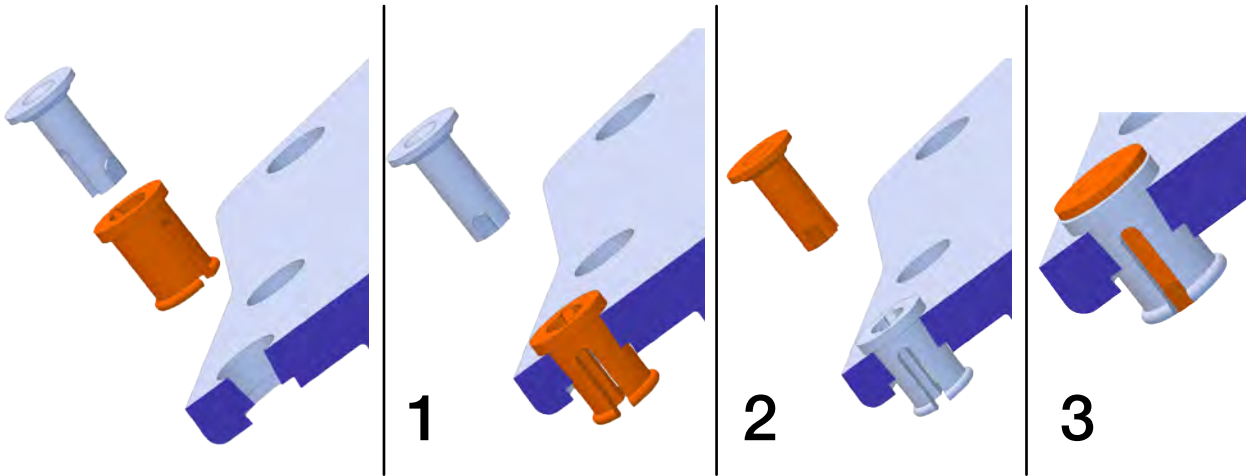


**1x**

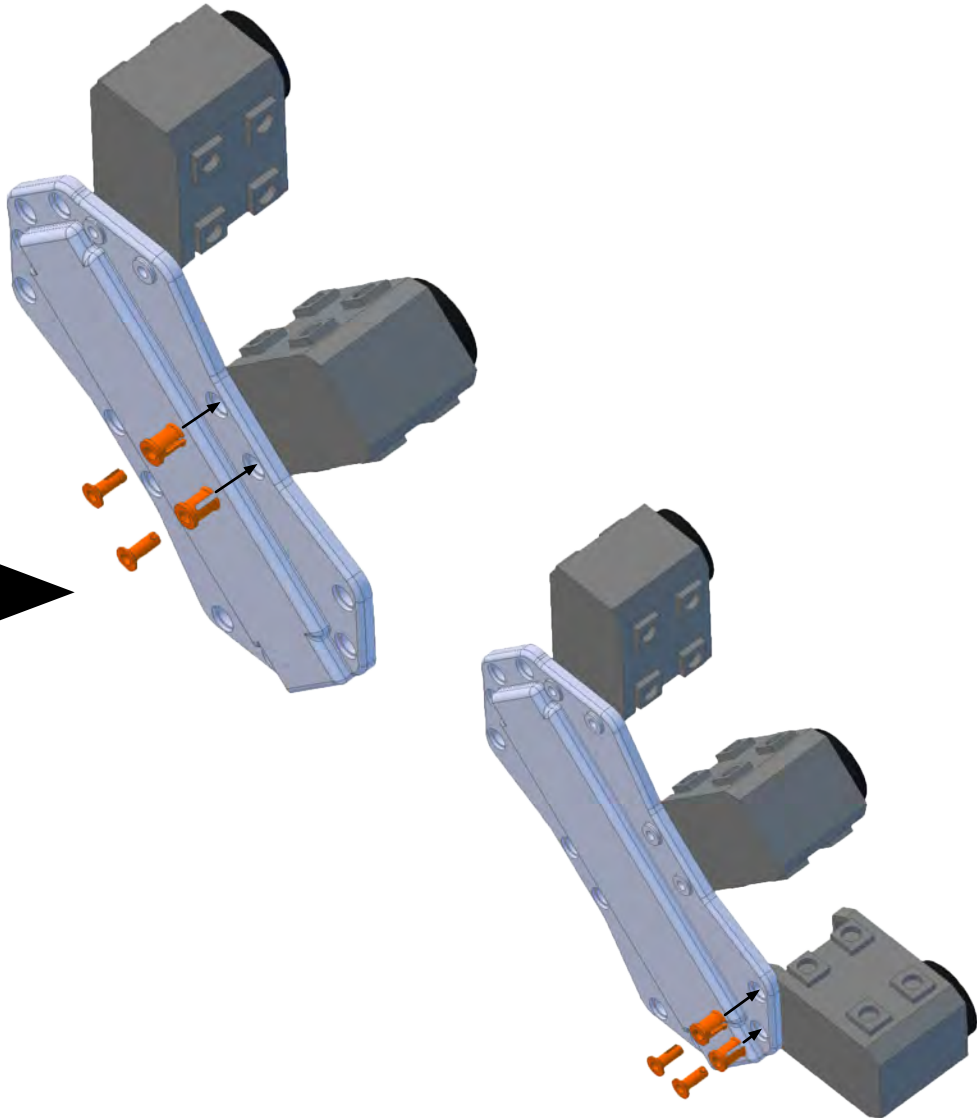
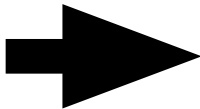
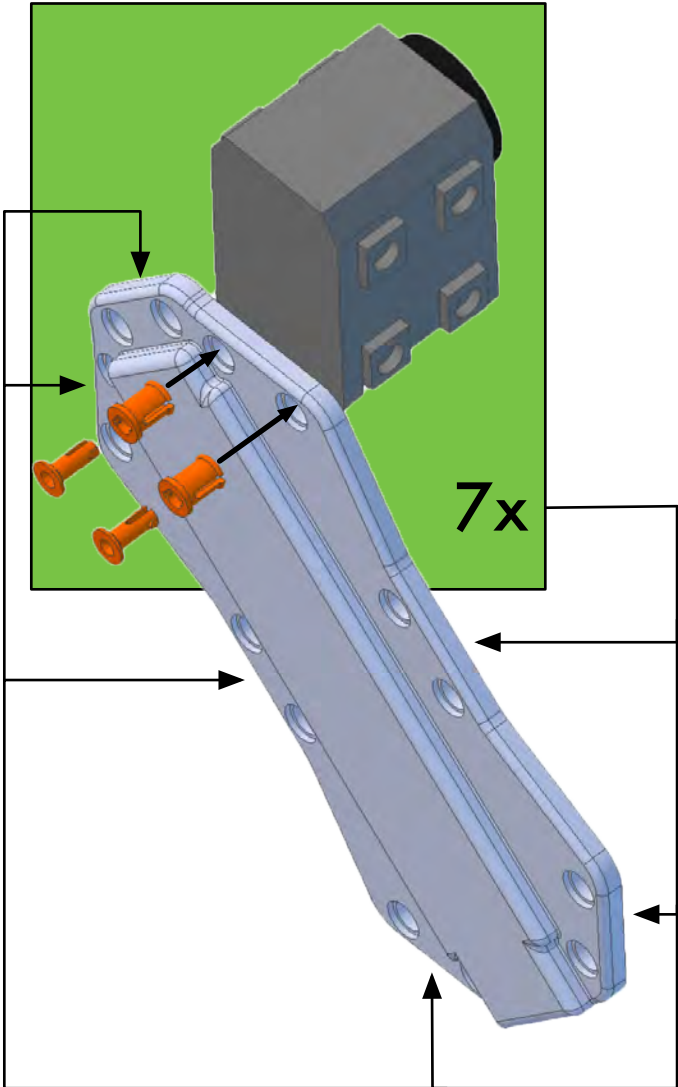
Parts Required



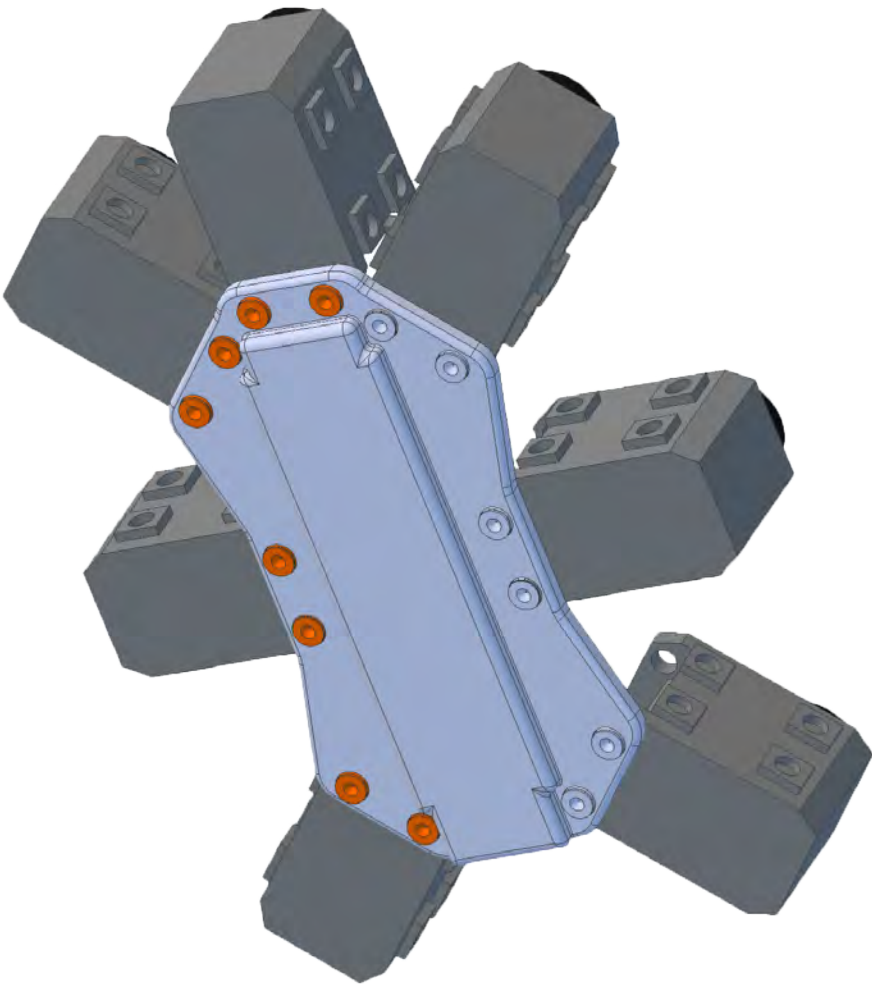
Rivet Installation



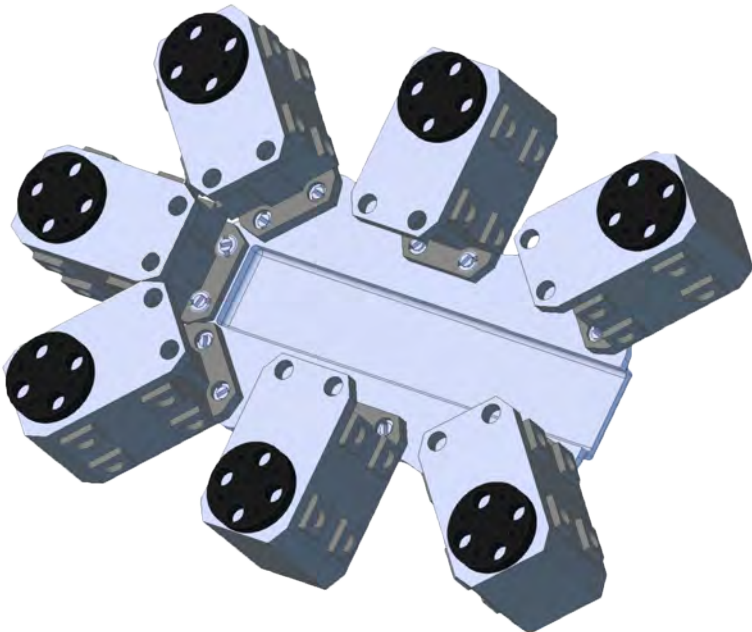
1



2

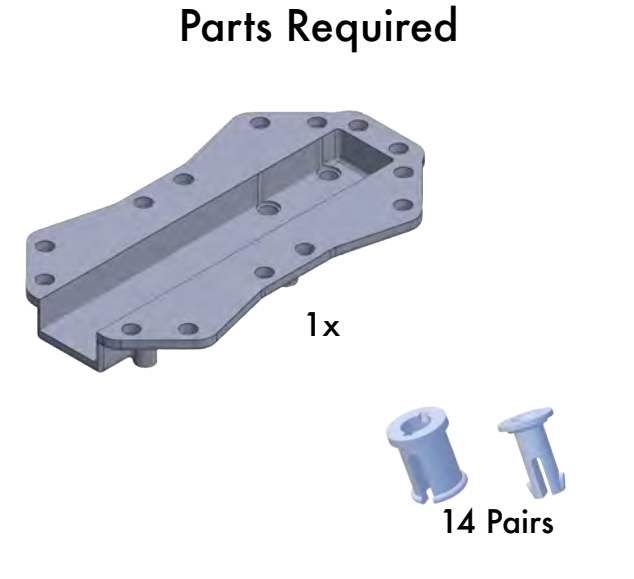


Top Completion View





Parts Required

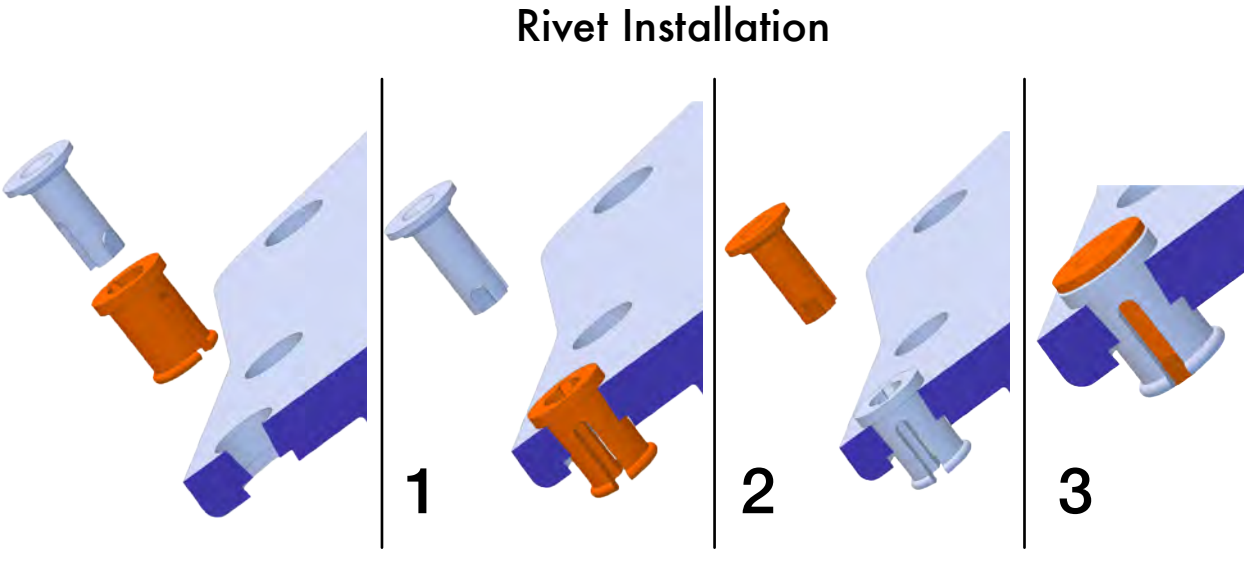


1x

14 Pairs

This diagram shows the parts required for the assembly. It includes one large grey L-shaped plate and 14 pairs of small grey pins. The pins are shown in two orientations: one with a flange and one without.

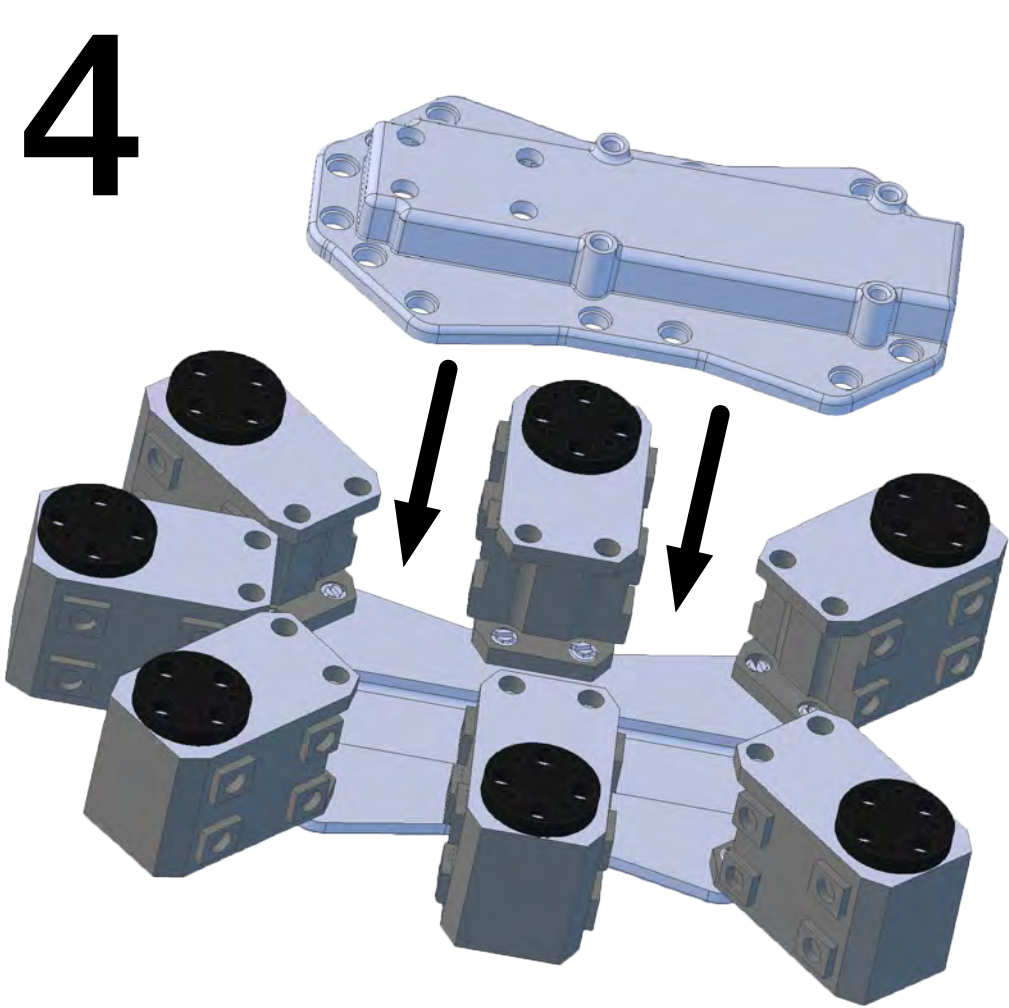
Rivet Installation



1 2 3

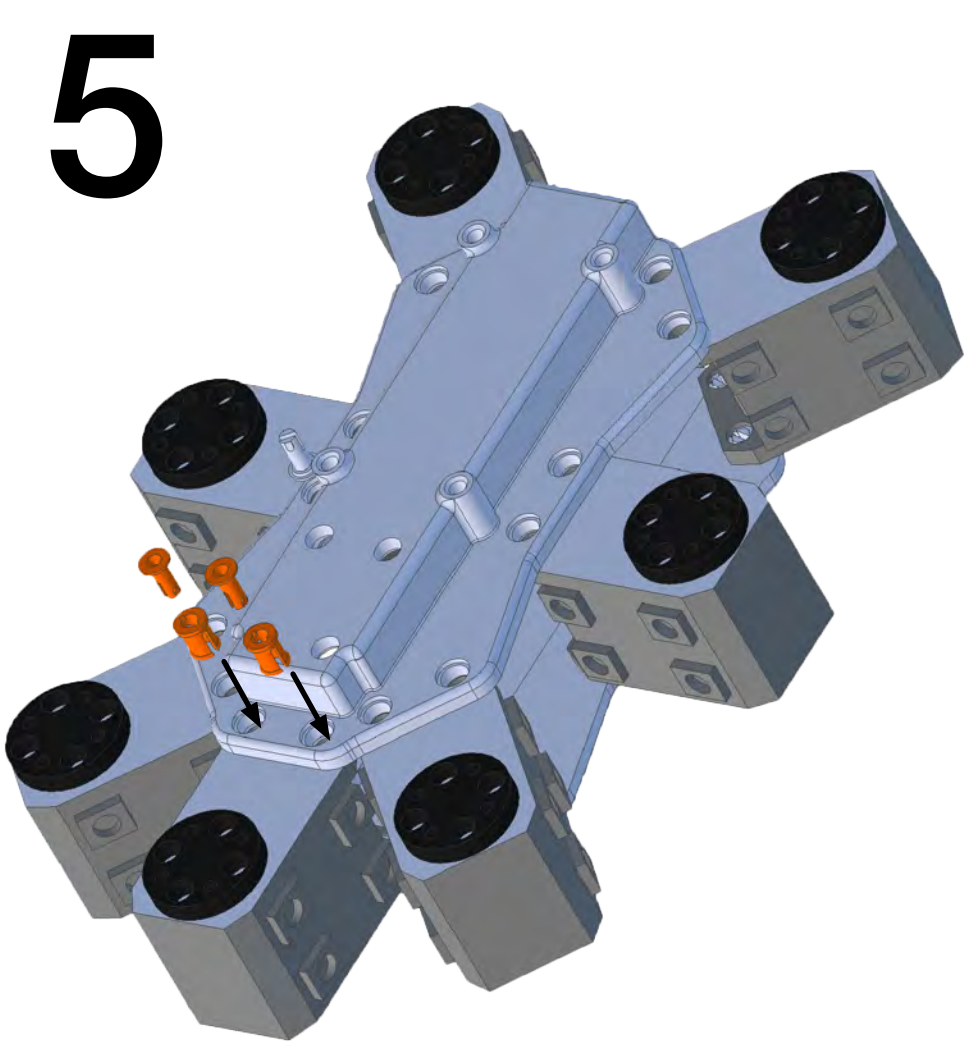
This diagram illustrates the three steps of rivet installation. Step 1 shows a grey pin being inserted into a hole in the plate. Step 2 shows an orange rivet being inserted into the pin. Step 3 shows the orange rivet being pushed through the pin and into the hole in the plate.

4



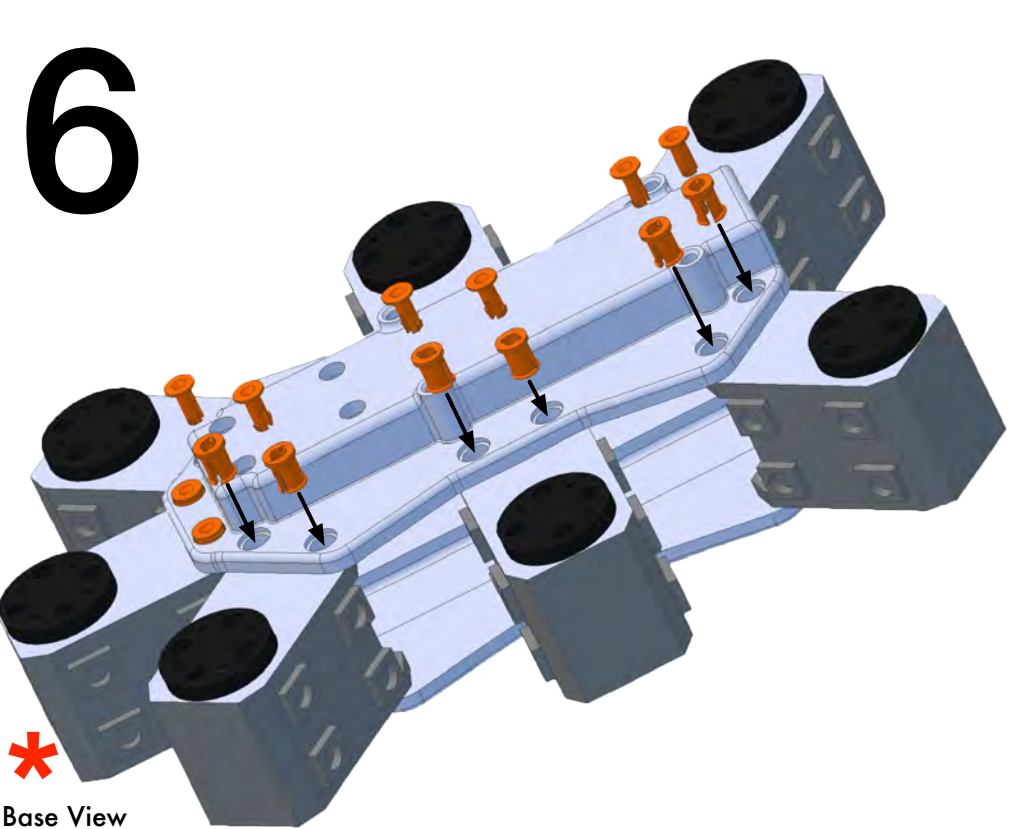
This diagram shows the assembly of the base structure. A grey plate is being attached to a base of grey blocks. Two black arrows indicate the direction of assembly.

5



This diagram shows the assembly of the top structure. A grey plate is being attached to a top of grey blocks. Two black arrows indicate the direction of assembly.

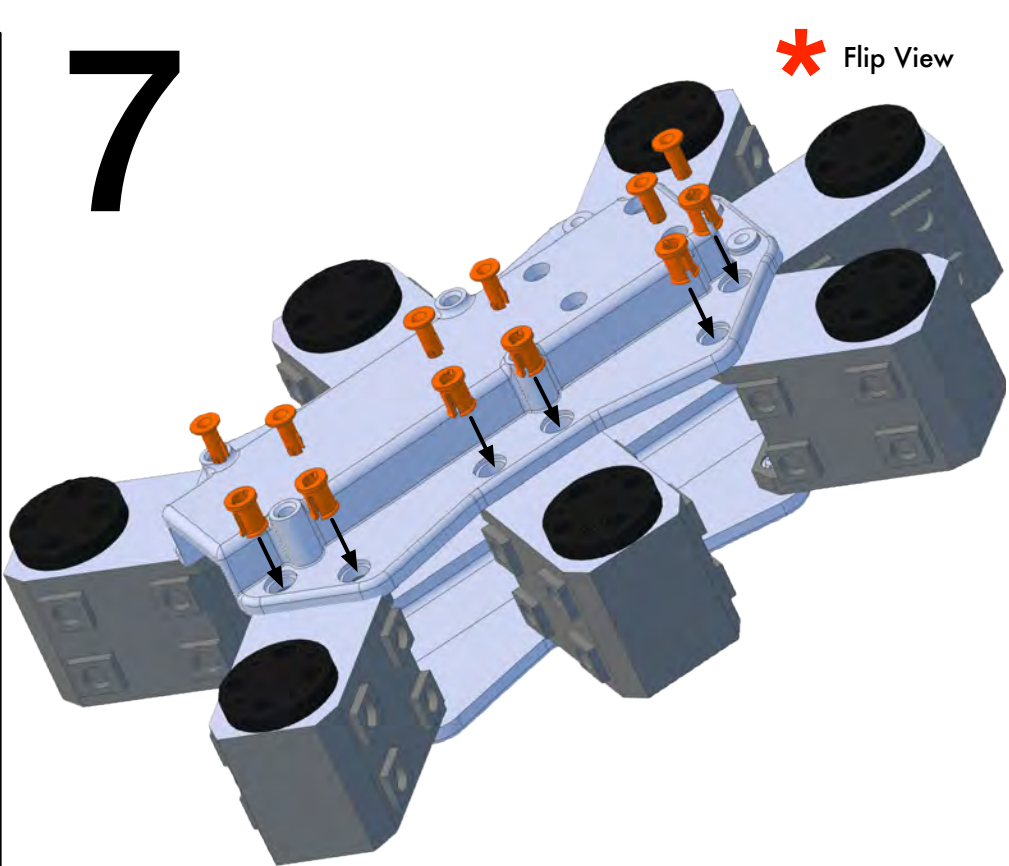
6



\* Base View

This diagram shows the assembly of the base structure from a base view. A grey plate is being attached to a base of grey blocks. Two black arrows indicate the direction of assembly.

7

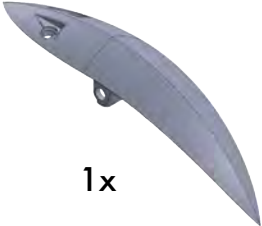



\* Flip View


This diagram shows the assembly of the top structure from a flip view. A grey plate is being attached to a top of grey blocks. Two black arrows indicate the direction of assembly.

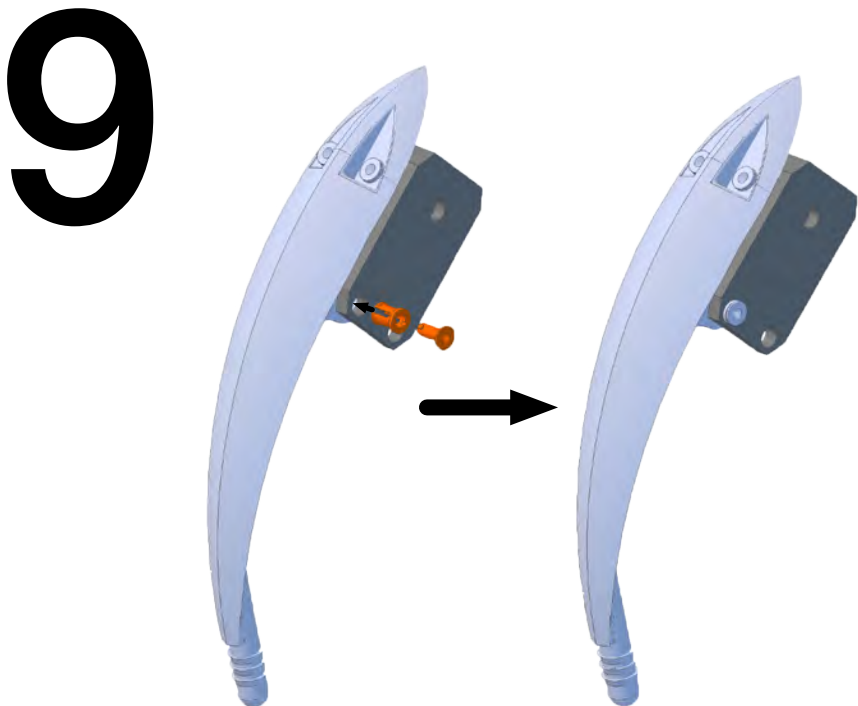
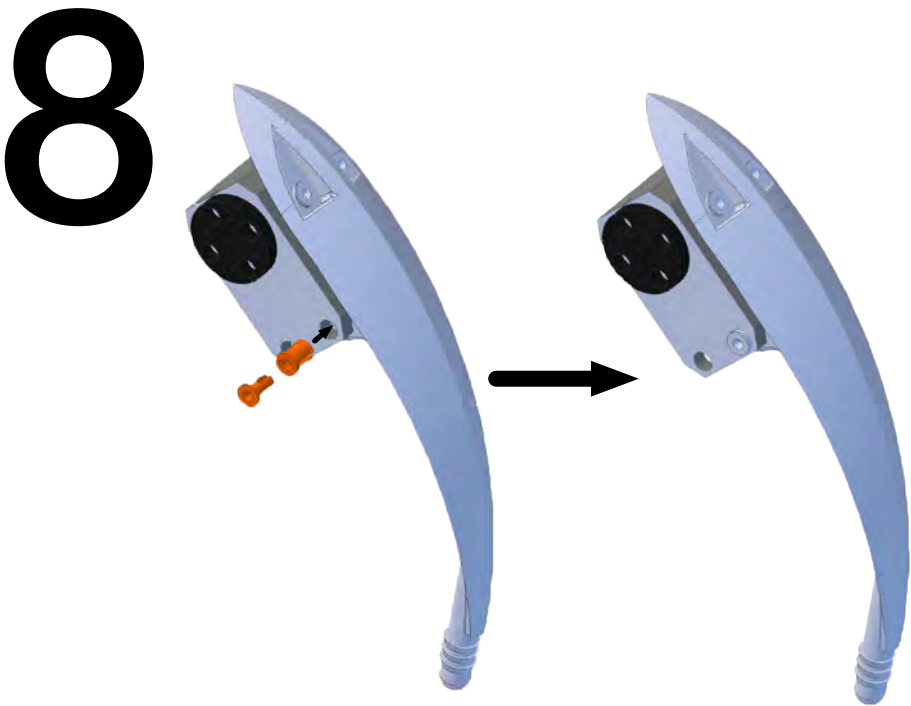
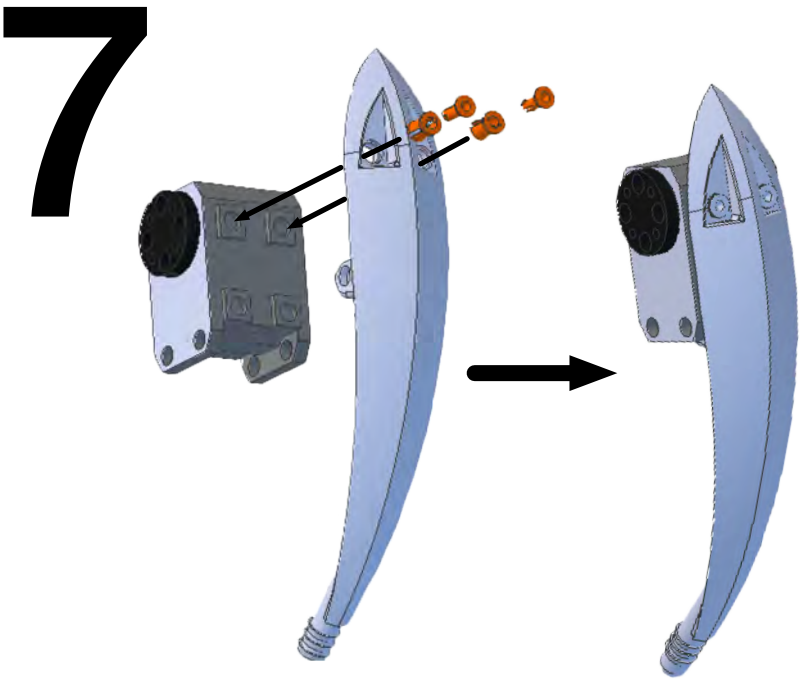
LEG MODULE (REPEAT STEPS 7-14)

Parts Required

  
1x


  
1x


  
4 Pairs





10

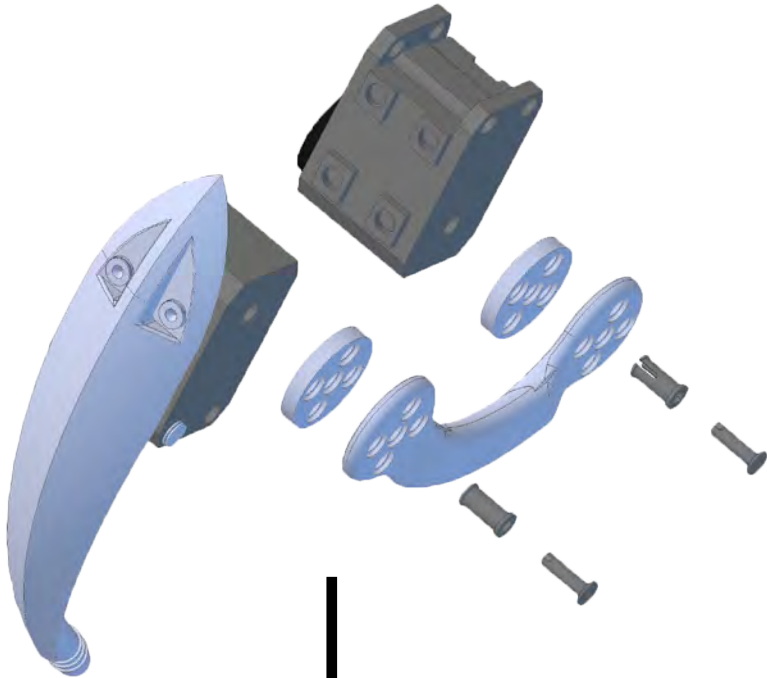
Parts Required

  
1x

  
2x

  
1x

  
Long Rivet & Lock  
2x





# 11a

Parts Required

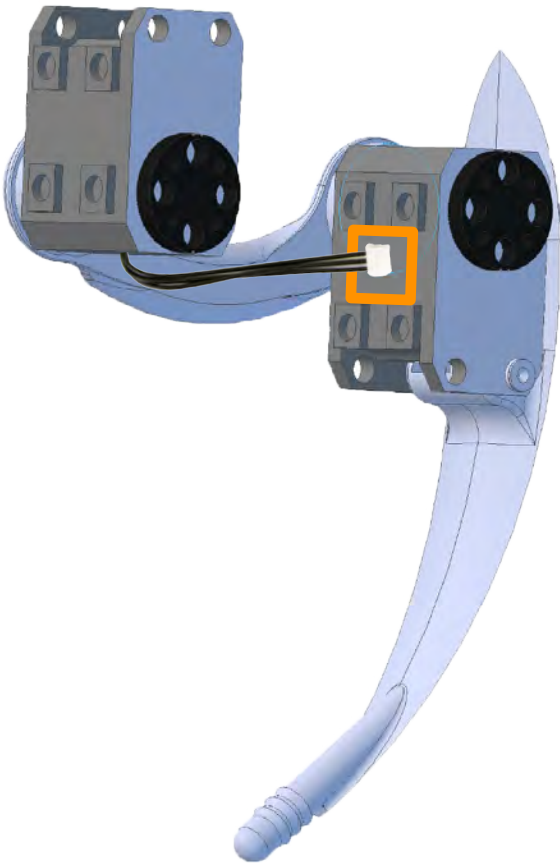


1x

Plug Wire in




# 11b




# 12

Parts Required



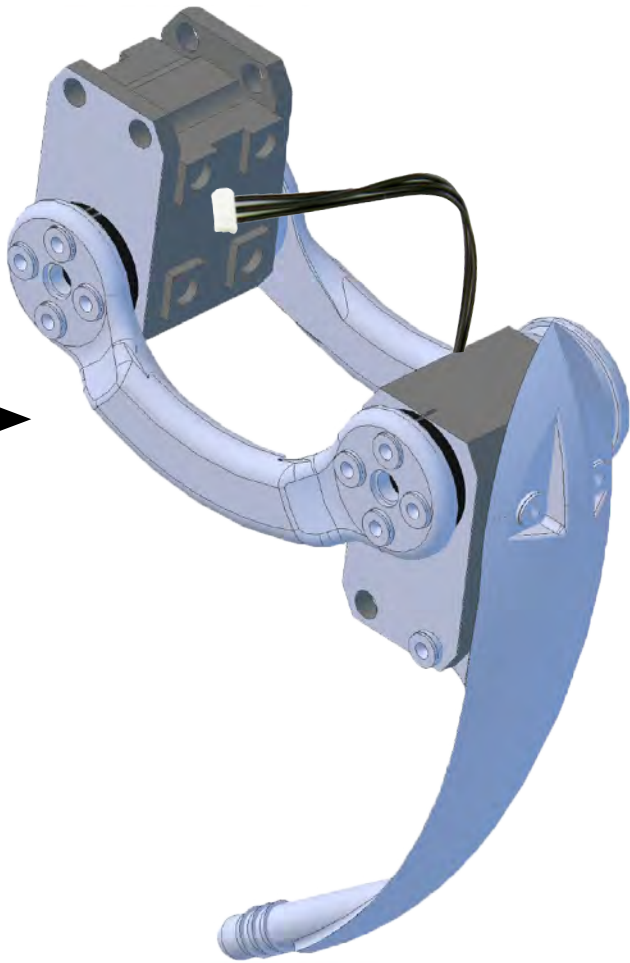
1x



8 Pairs




VERIFY NOTCH  
ALIGNMENT  
ON MOTORS

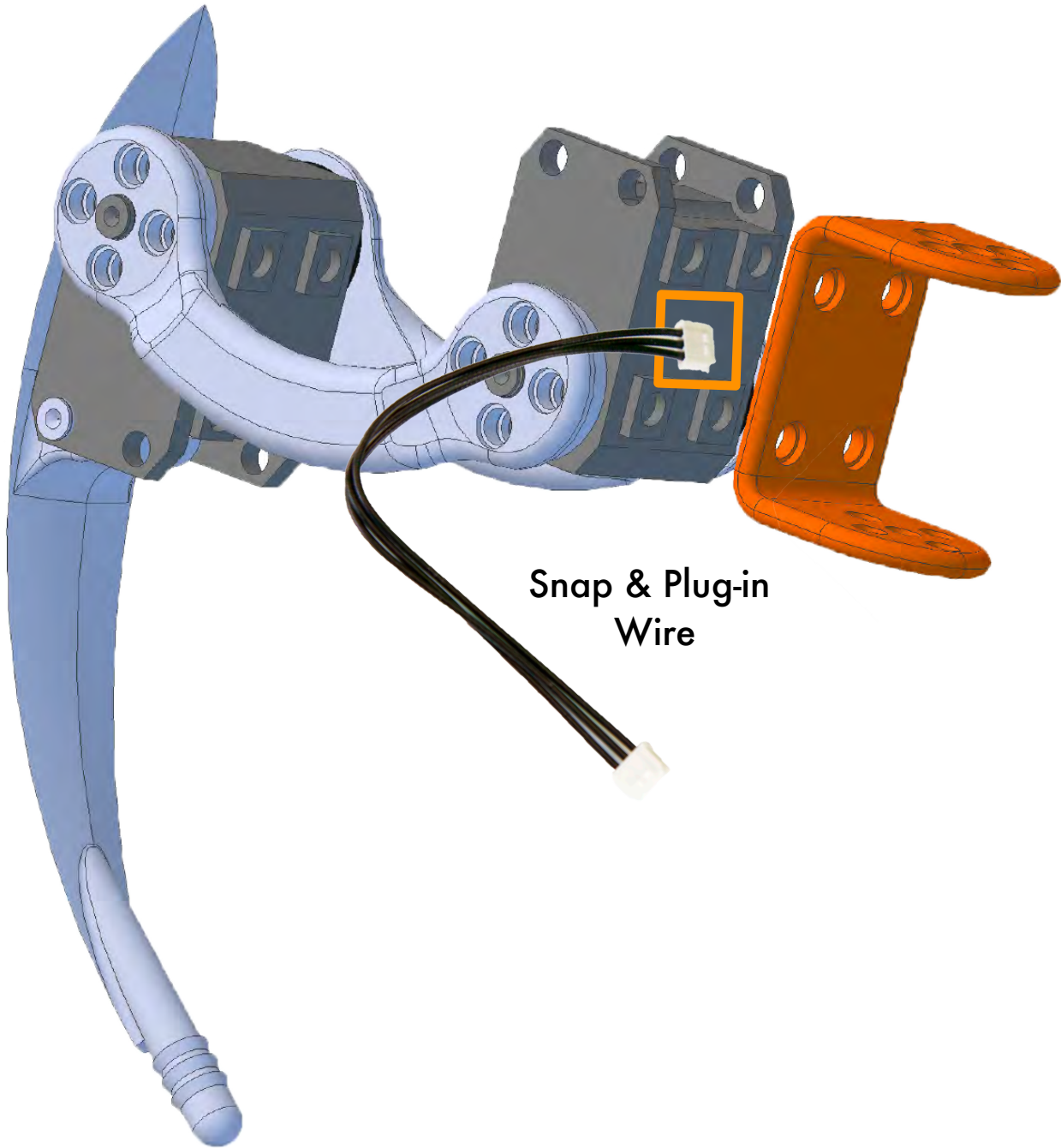


# 13

Parts Required




1x 1x

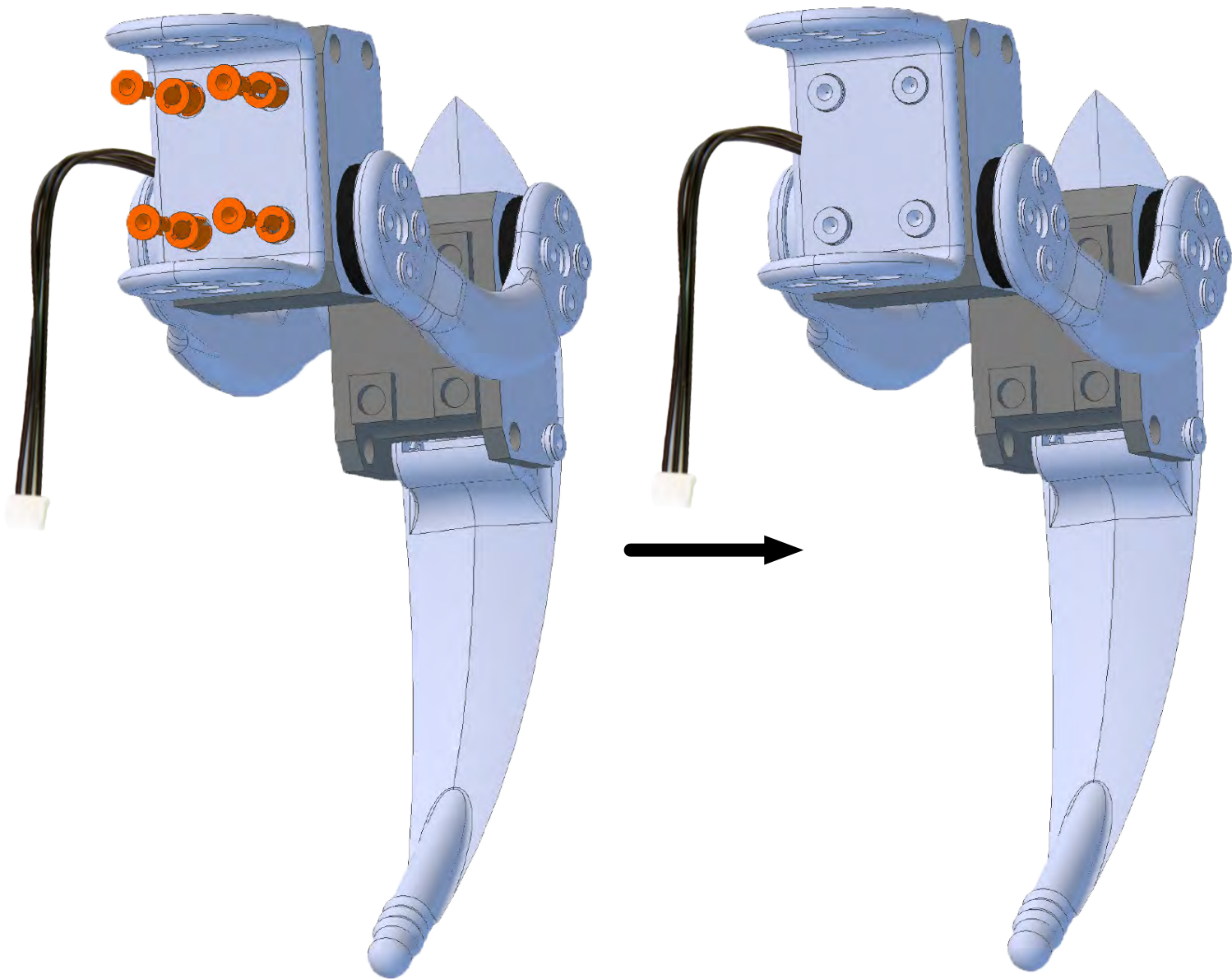


# 14

Parts Required



4 Pairs



REPEAT STEPS 7-14 UNTIL 6 LEGS CREATED



# 15

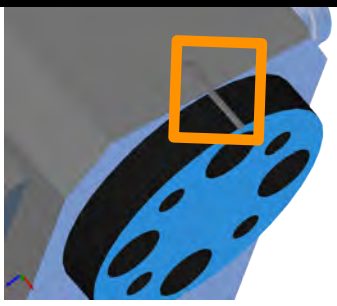
## Parts Required



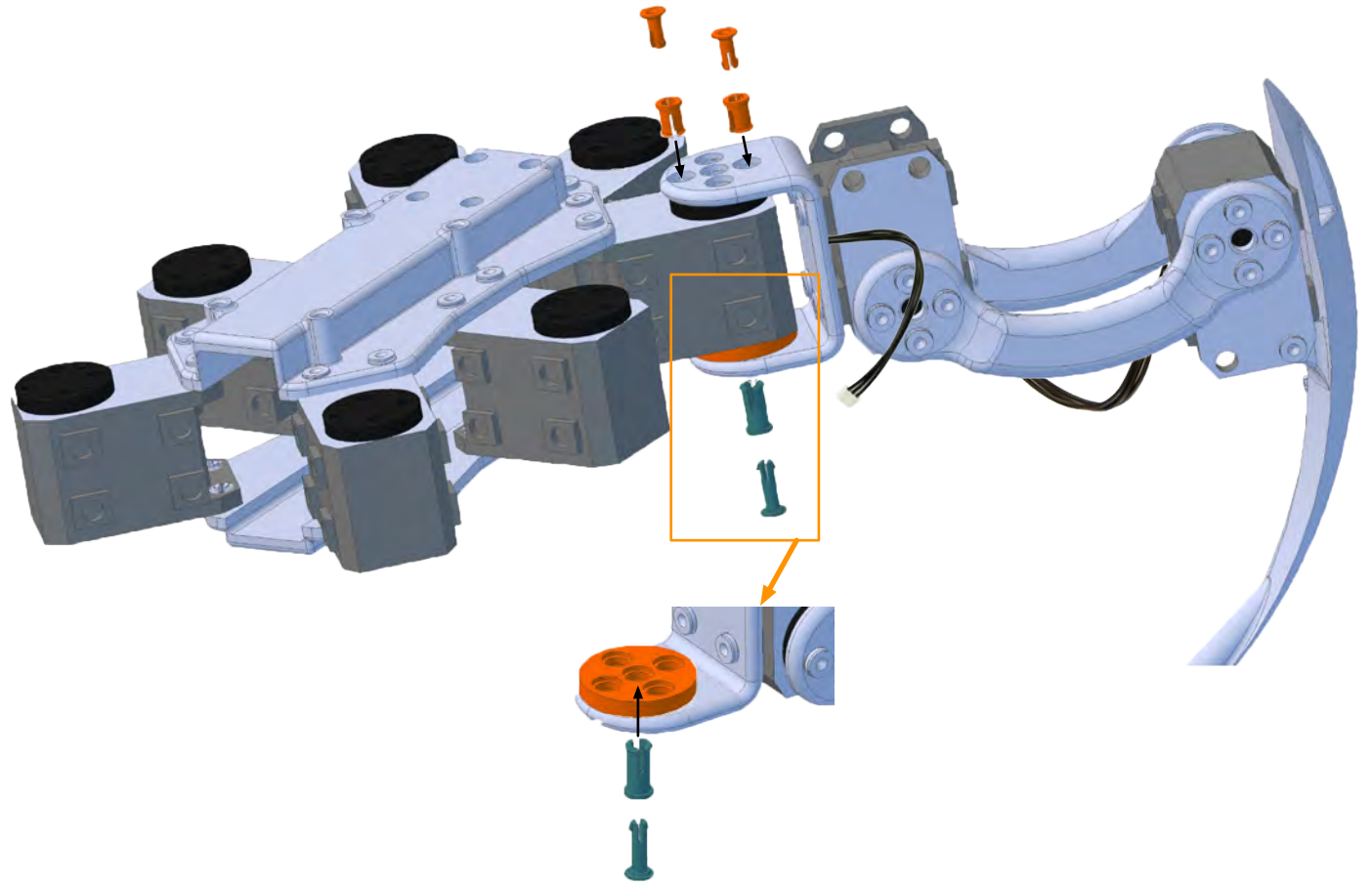
1x

Long Rivet Set  
1x

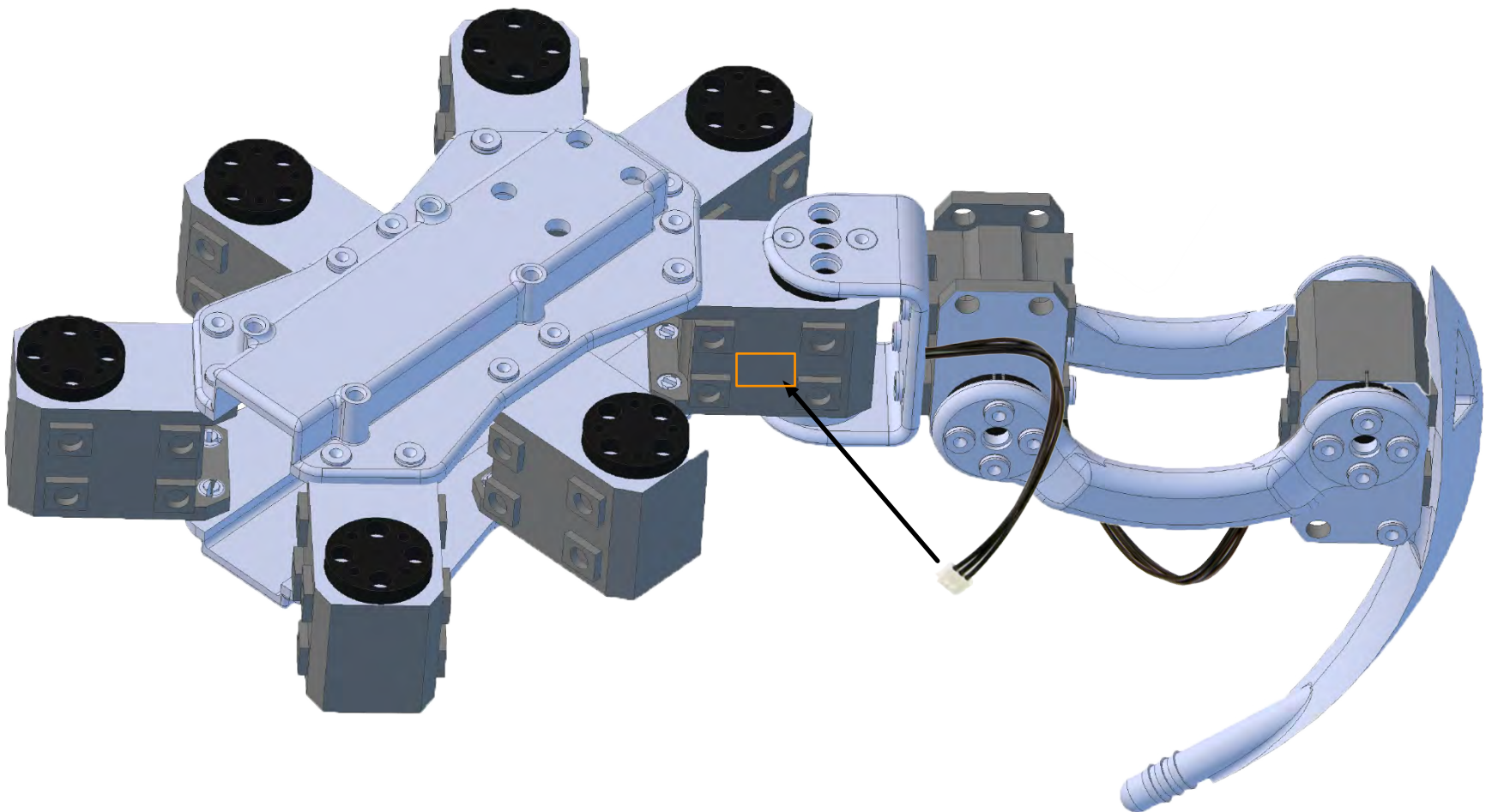
Short Rivet Set  
1x



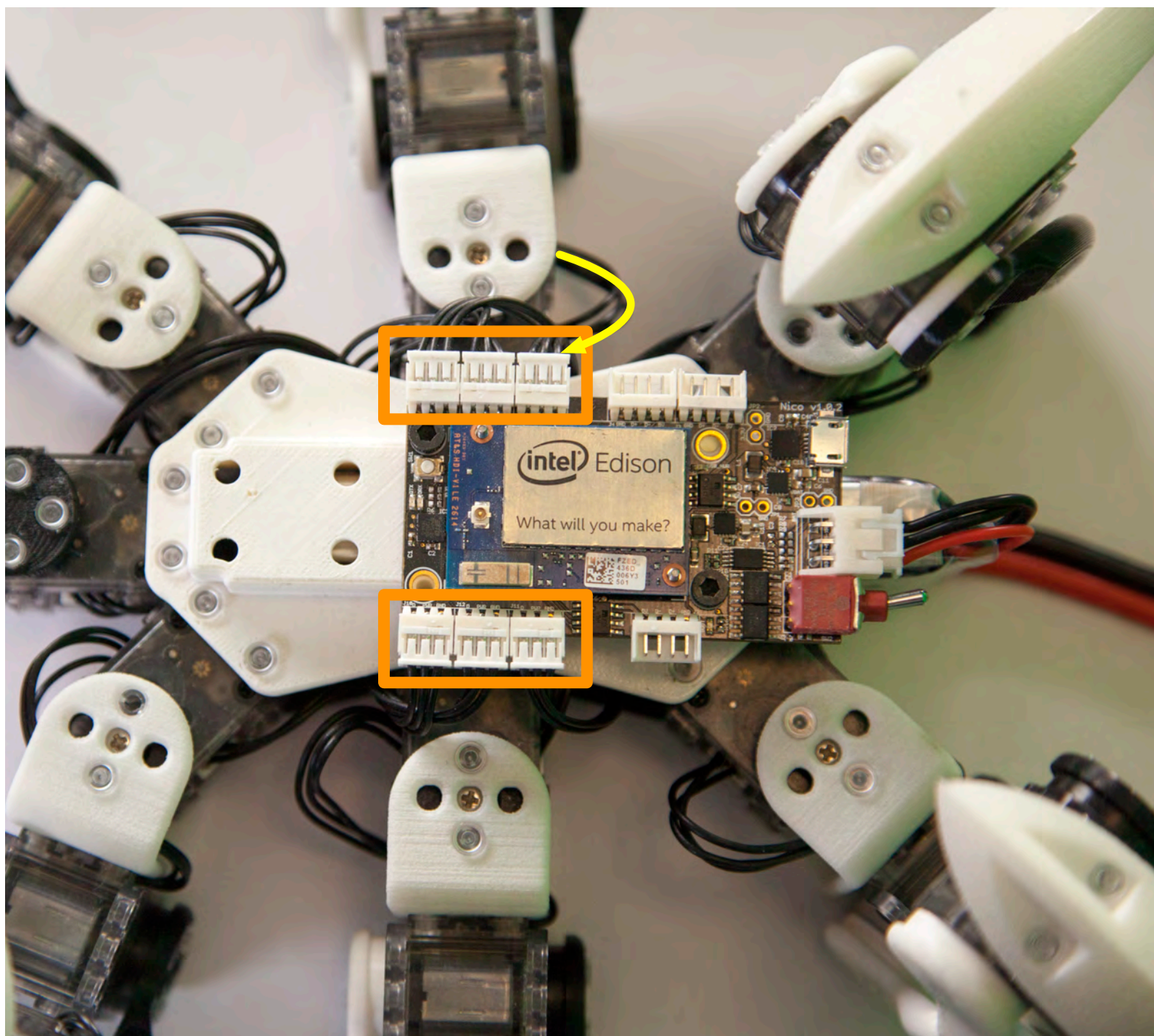
VERIFY NOTCH  
ALIGNMENT  
ON MOTORS



# 16



REPEAT STEPS 15-16 UNTIL 6 LEGS ARE ATTACHED



Each motor connects to the Printed Circuit Board (PCB).  
The orange boxes highlight the connector for all six motors.  
The yellow line is an example of the connector cable from motor to PCB.