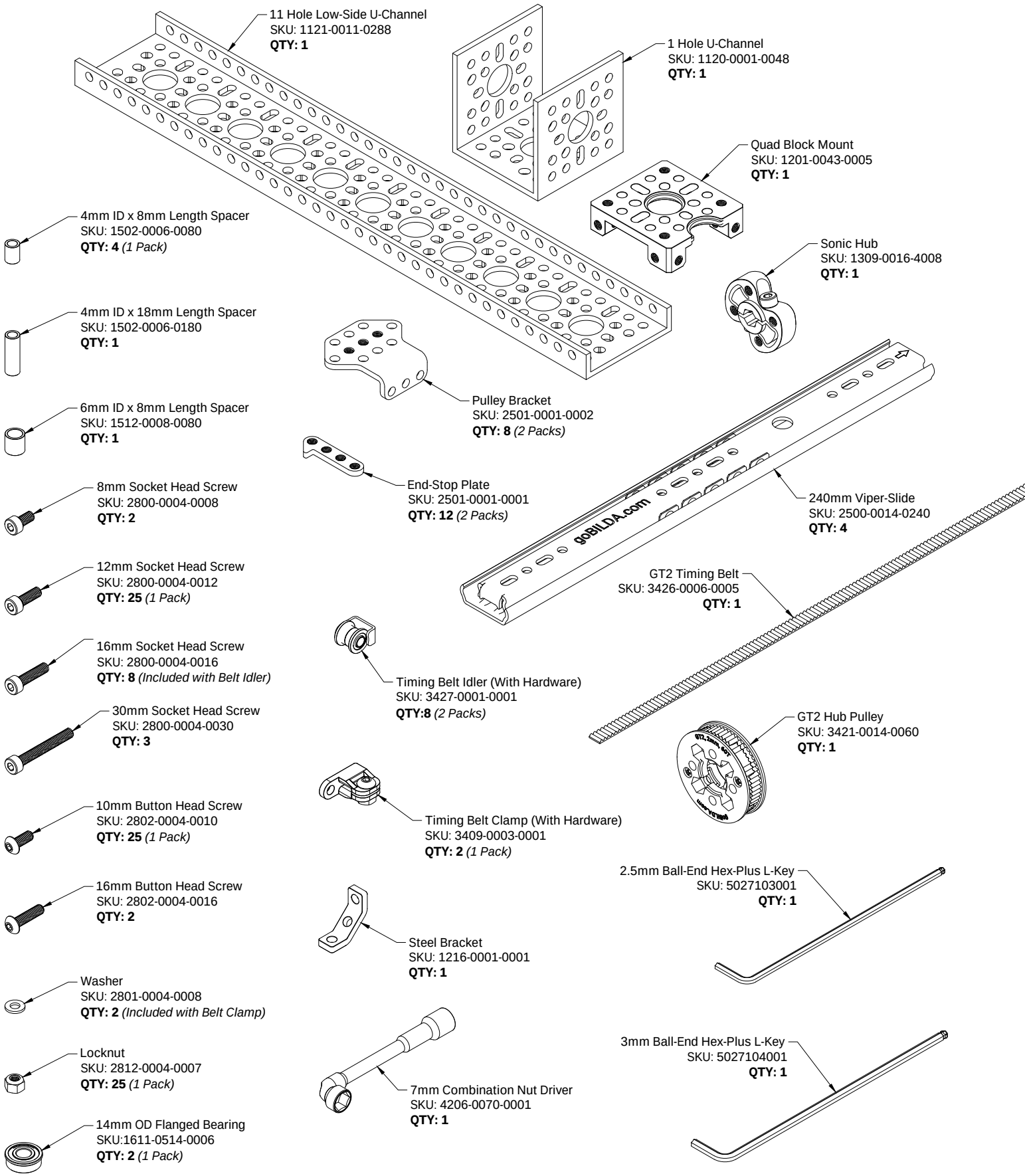
Assembly Instructions for

4 Stage Viper-Slide Kit (Belt-Driven, 240mm Slides)

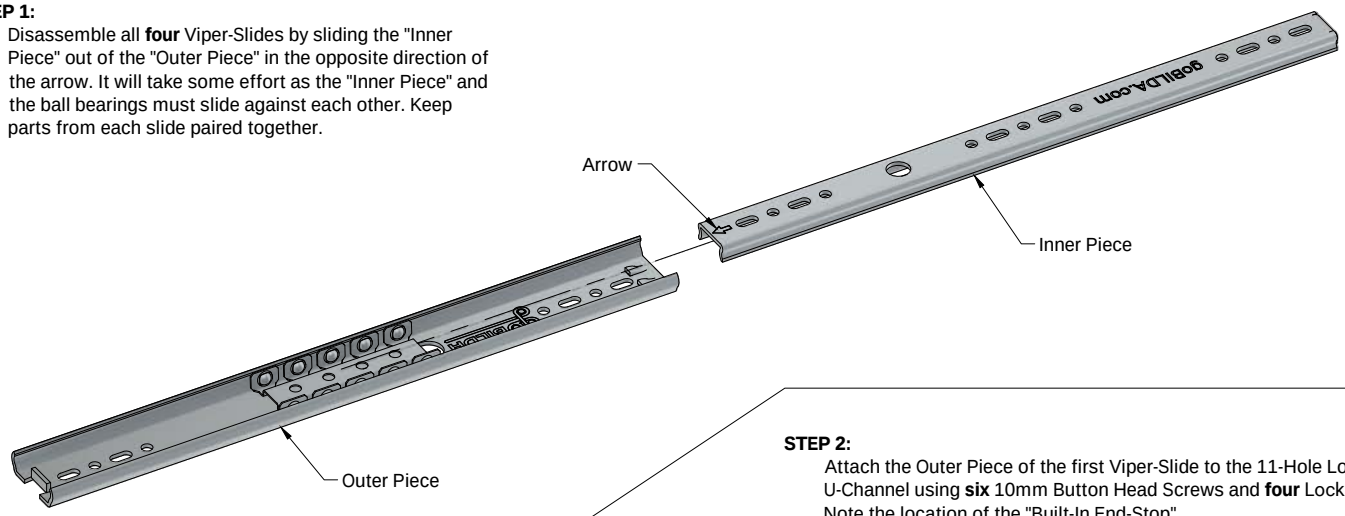
SKU: 3210-0004-0004

Kit Contents:



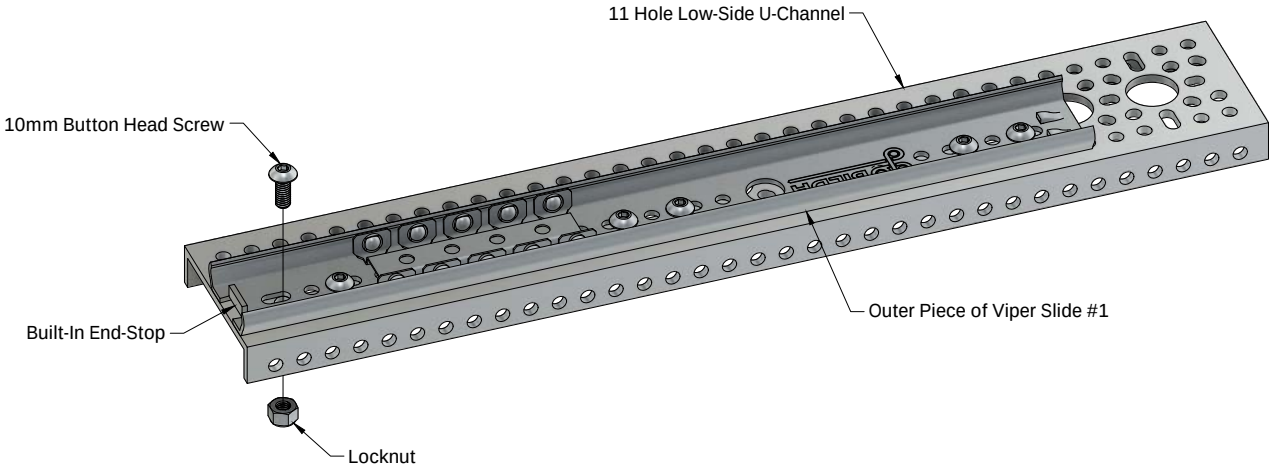
STEP 1:

Disassemble all **four** Viper-Slides by sliding the "Inner Piece" out of the "Outer Piece" in the opposite direction of the arrow. It will take some effort as the "Inner Piece" and the ball bearings must slide against each other. Keep parts from each slide paired together.



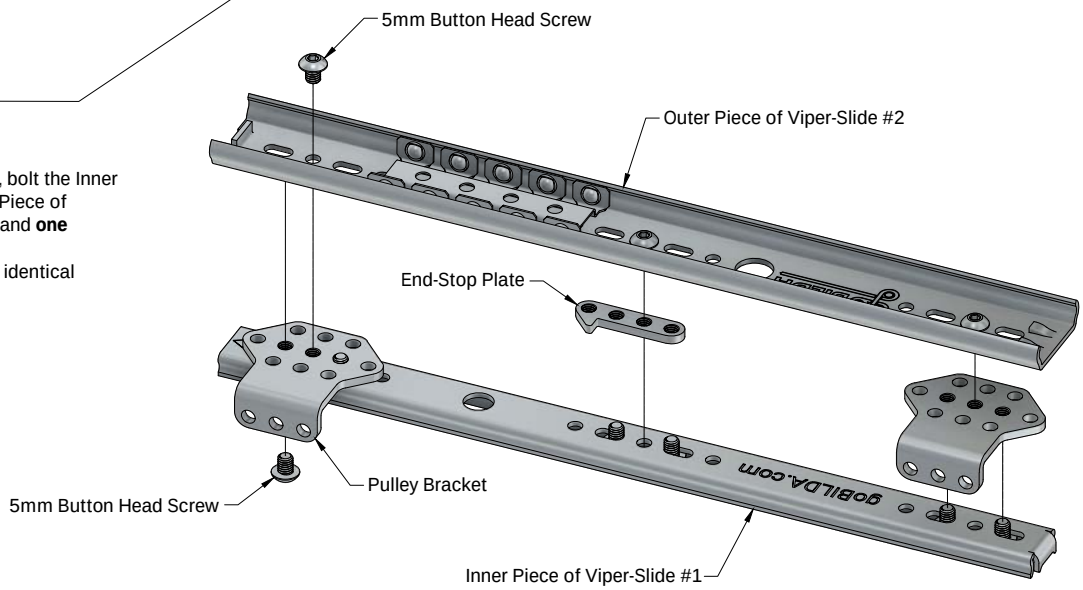
STEP 2:

Attach the Outer Piece of the first Viper-Slide to the 11-Hole Low-Side U-Channel using **six** 10mm Button Head Screws and **four** Locknuts.
Note the location of the "Built-In End-Stop".



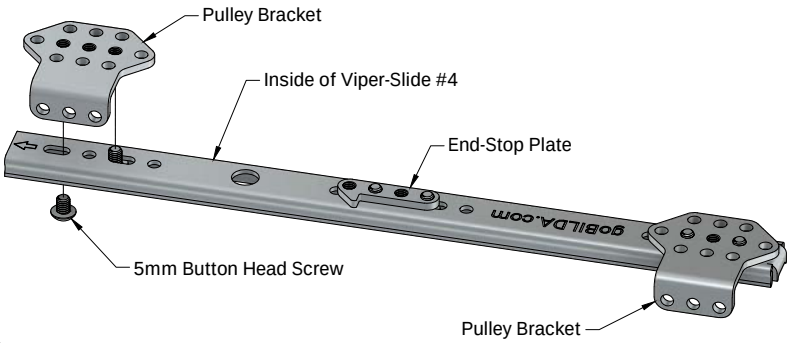
STEP 3:

Using **nine** 5mm Button Head Screws, bolt the Inner Piece of Viper-Slide #1 and the Outer Piece of Viper-Slide #2 to **two** Pulley Brackets and **one** End-Stop Plate.
Repeat this step twice to create **three** identical subassemblies.



STEP 4:

Using **six** 5mm Button Head Screws, fasten **two** Pulley Brackets and **one** End-Stop Plate onto the Inner Piece of Viper-Slide #4 as shown.



STEP 5:

Reinstall the Inner Piece of Viper-Slide #1 into the Outer Piece of Viper-Slide #1 (**Figure 5-A**).

Continue sliding it until the slide is fully extended (**Figure 5-B**). Doing so will calibrate the bearing cage so that the slide is able to move freely once again.

Take note of the position of the slide's Built-In End-Stops.

Figure 5-A

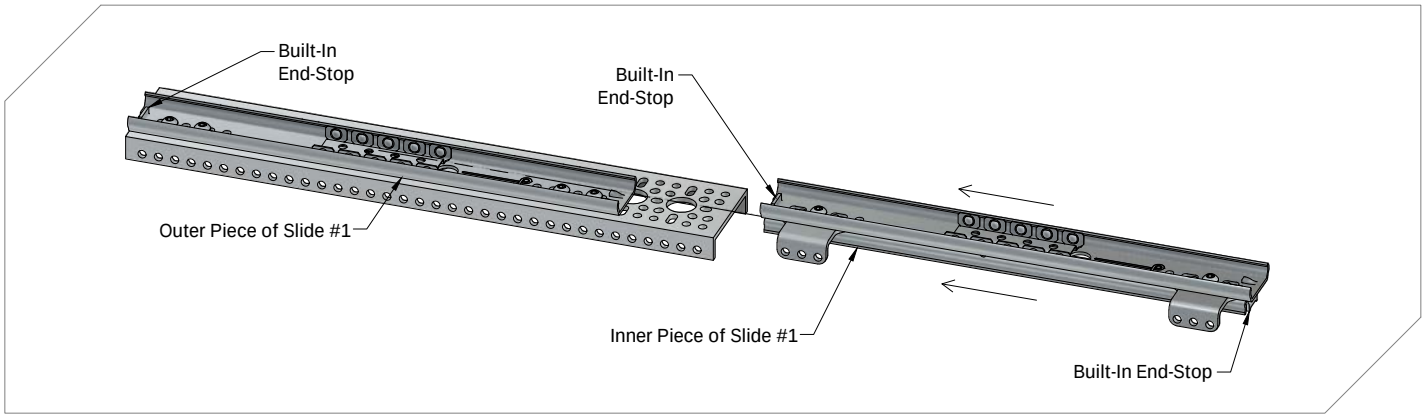
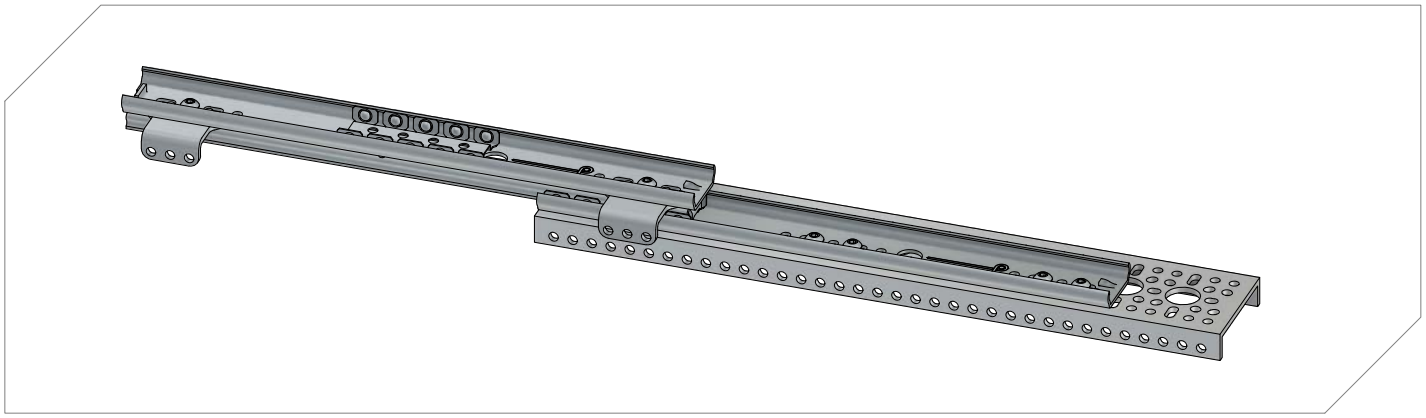
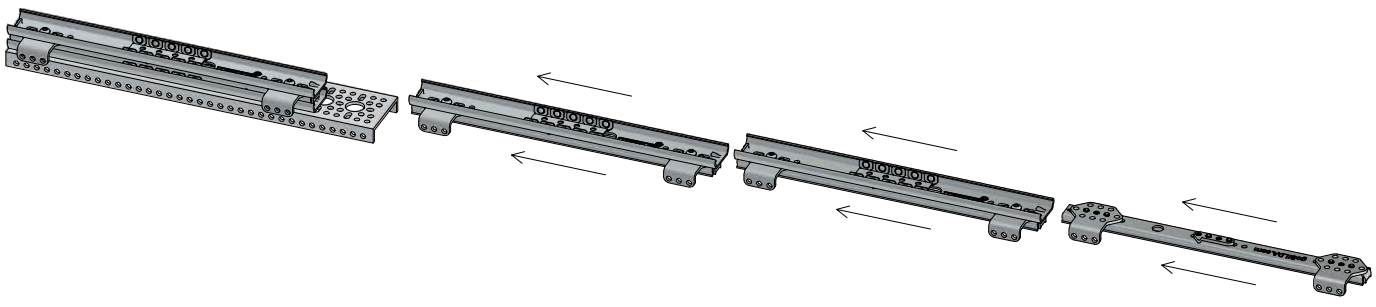


Figure 5-B



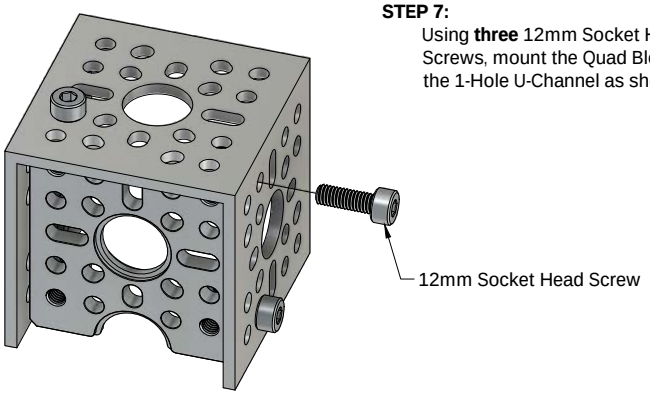
STEP 6:

Repeat this process to assemble the remaining slides as shown.



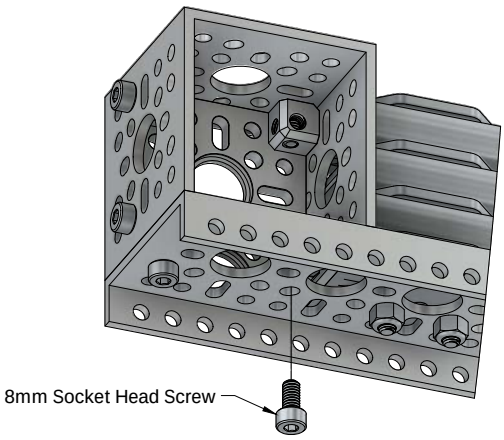
STEP 7:

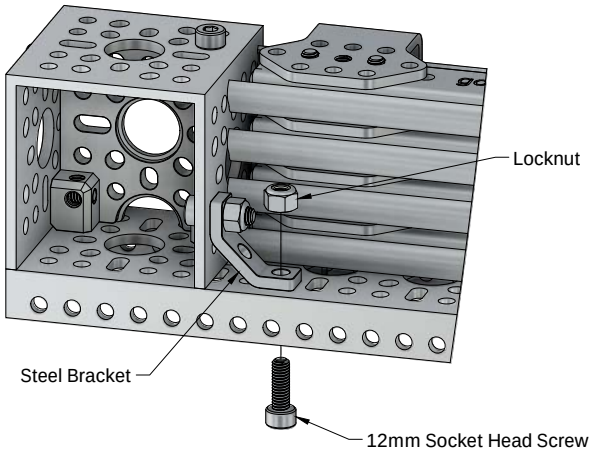
Using **three** 12mm Socket Head Screws, mount the Quad Block into the 1-Hole U-Channel as shown.



STEP 8:

Using **two** 8mm Socket Head Screws, attach the components from **STEP 7** to the 11-Hole Low U-Channel.





STEP 9:

Brace the connection between the 1-Hole U-Channel and the 11-Hole Low U-Channel with the Steel Bracket, **two** 12mm Socket Head Screws, and **two** Locknuts.

STEP 10:

Attach **two** Idler Pulley Subassemblies as shown (**Figure 10-A**).

Also attach **one** Tensioner Pulley Subassembly as shown (**Figure 10-B**).

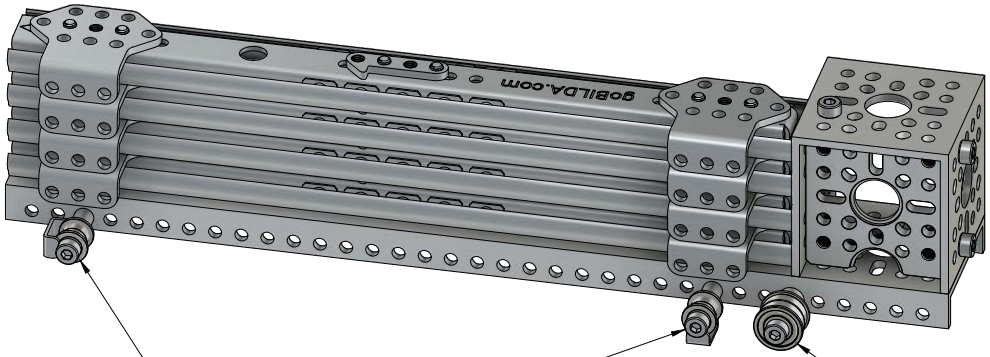
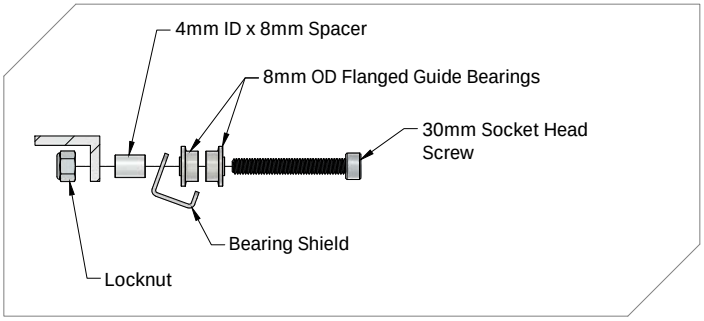
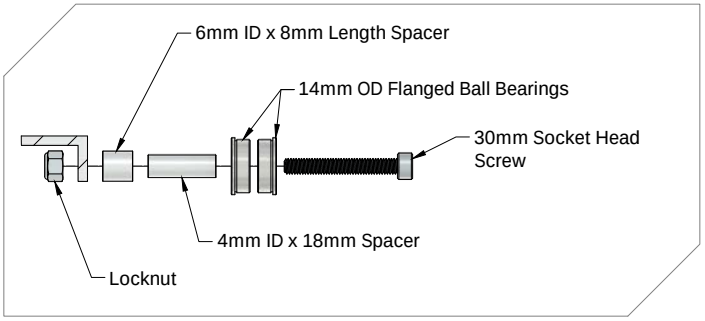


Figure 10-A

Figure 10-B





STEP 11:

Using **two** 5mm Button Head Screws, attach **one** End-Stop Plate to the outermost Pulley Bracket as shown. Note that the direction of the "hook" on the End-Stop Plate is "Active" (**Figure 11-A**).

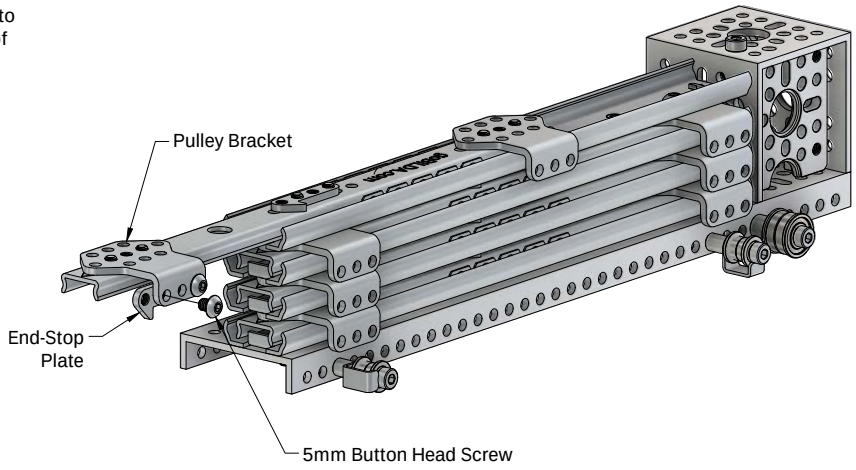


Figure 11-A

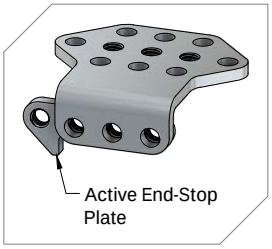
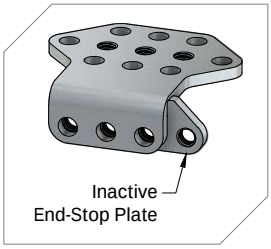


Figure 11-B



STEP 12:

Attach **six** additional End-Stop Plates and Timing Belt Idlers, each with **one** 16mm Socket Head Screw, and **one** 5mm Button Head Screw (**Figure 12-A**) as shown. Note each End-Stop Plate orientation (**Figure 12-B**).

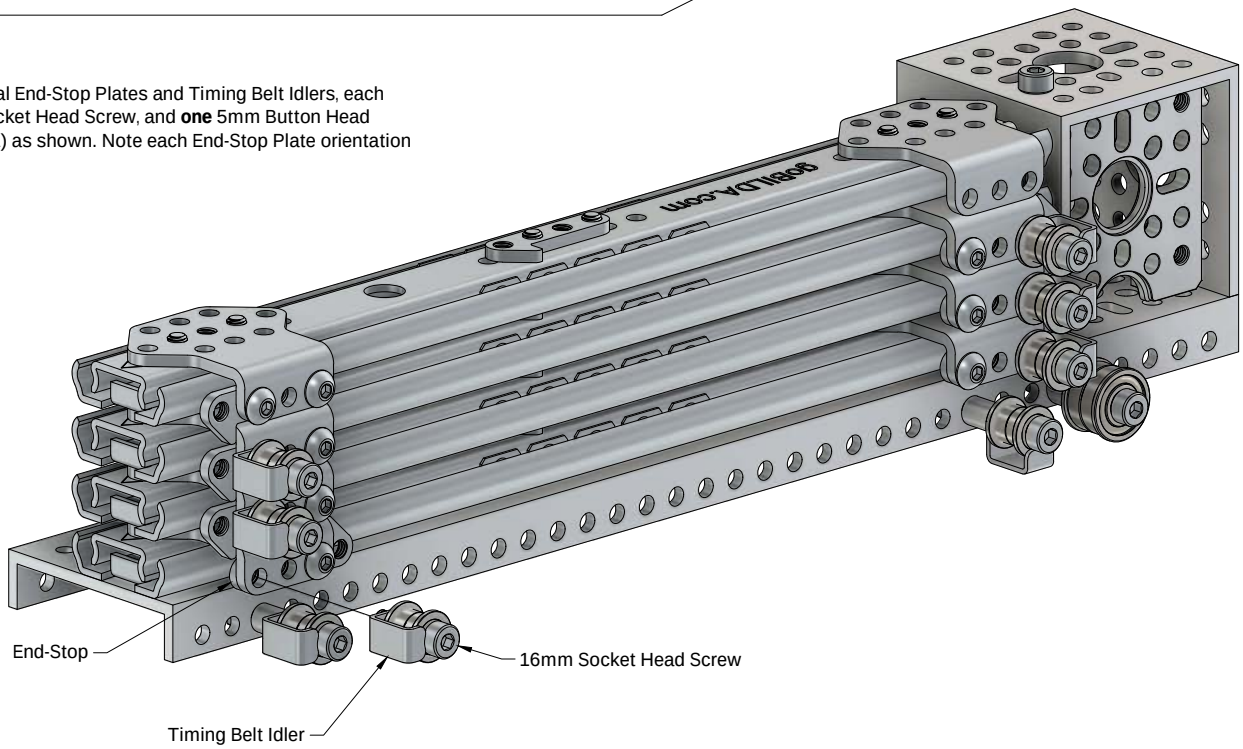


Figure 12-A

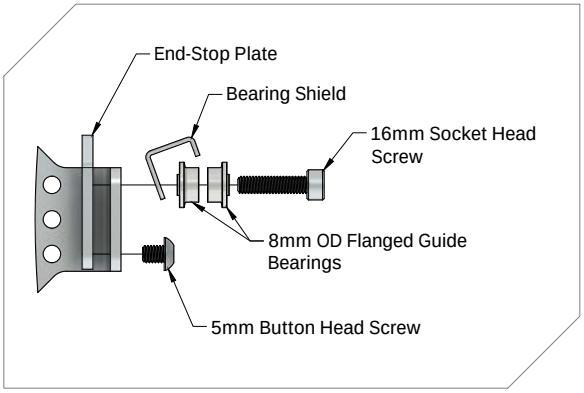
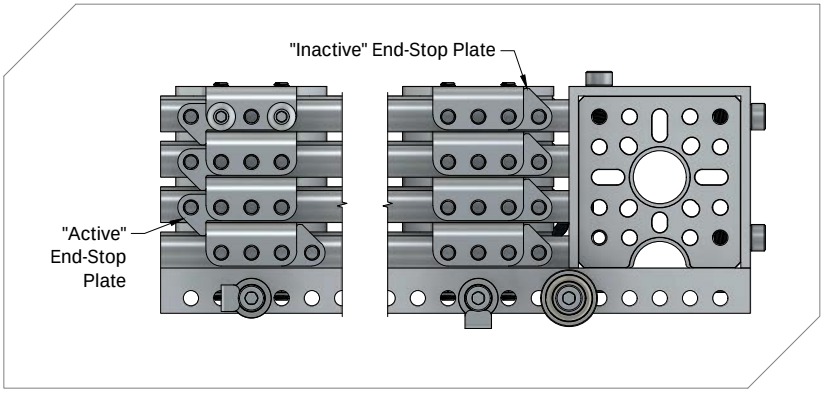
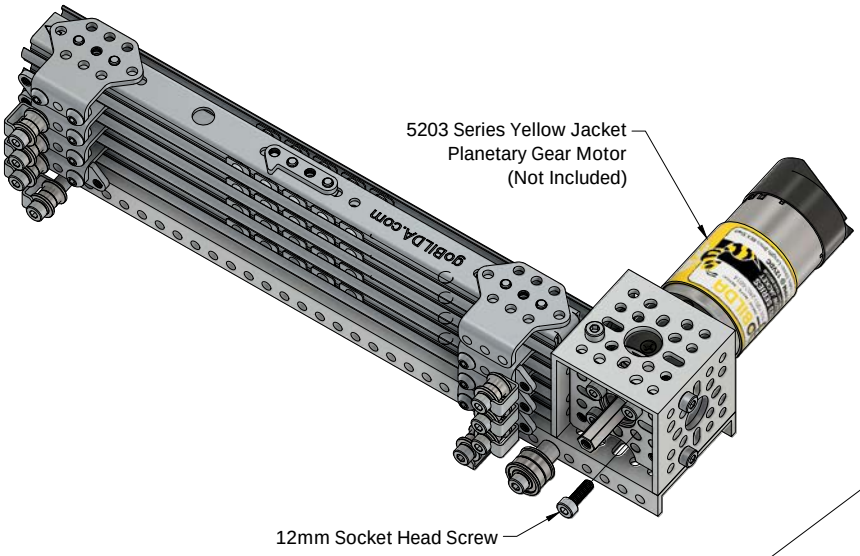


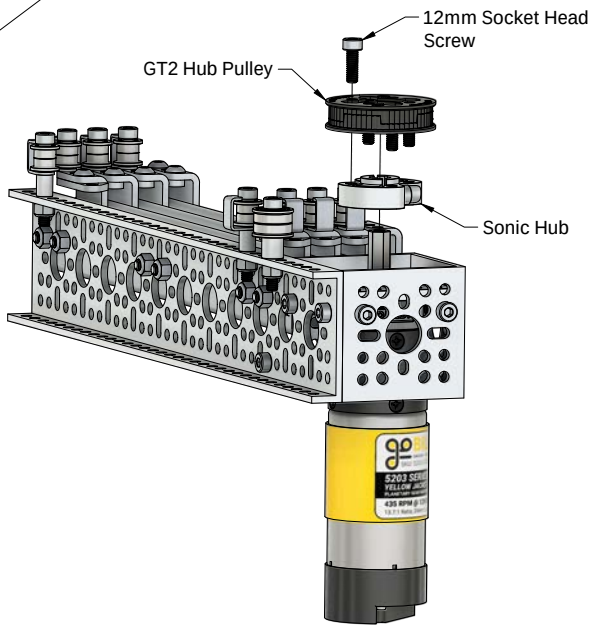
Figure 12-B





STEP 13:

Using **four** 12mm Socket Head Screws, bolt **one** 5203 Series Yellow Jacket Planetary Gear Motor *(Not Included with Kit)* to the Quad Block.



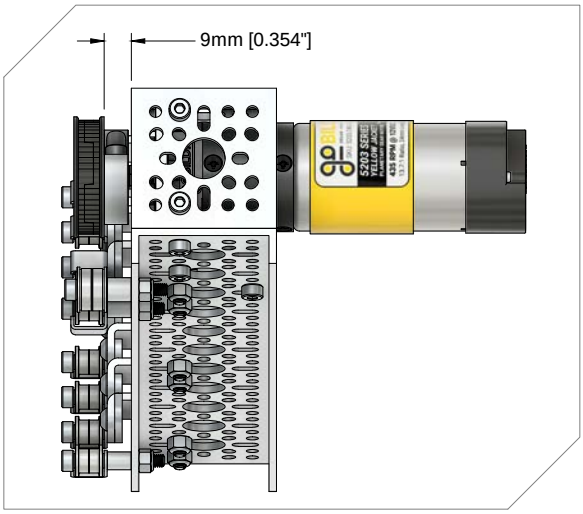
STEP 14:

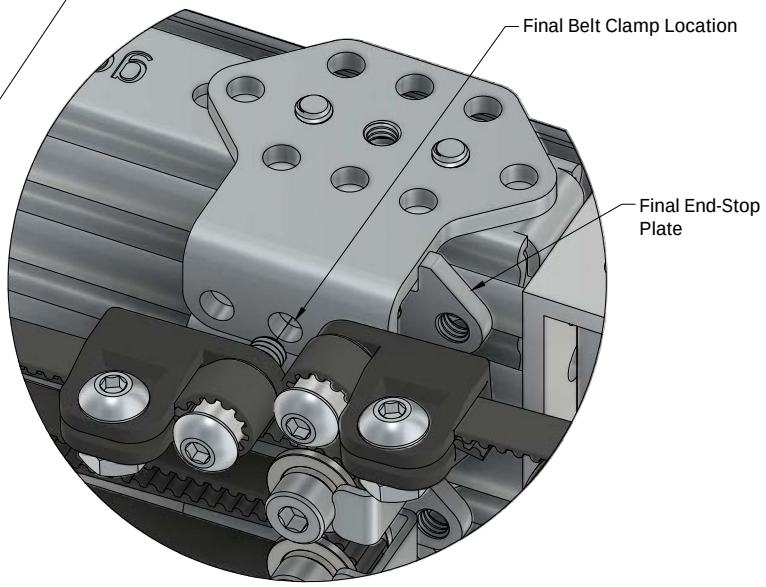
Attach the GT2 Hub Pulley to the Sonic Hub with **four** 12mm Socket Head Screws. Tighten this assembly onto the motor shaft, such that the spacing between the GT2 Hub Pulley and the 1-Hole U-Channel is approximately 9mm (**Figure 14-A**).

Pro Tip:

Insert a credit card or similar object between the Sonic Hub and U-Channel to quickly dial in the Sonic Hub's spacing.

Figure 14-A





STEP 15:

Congratulations! Your Viper-Slide Kit is now ready to be rigged. Please scan the QR code or visit **https://bit.ly/3J6Fn2q** to watch a video that will guide you through the process of rigging a Belt-Driven Viper-Slide Kit.

Please note that while the video was created for a different slide length, the rigging process remains the same, except for the orientation of the final End-Stop Plate and the placement of the final belt clamp.