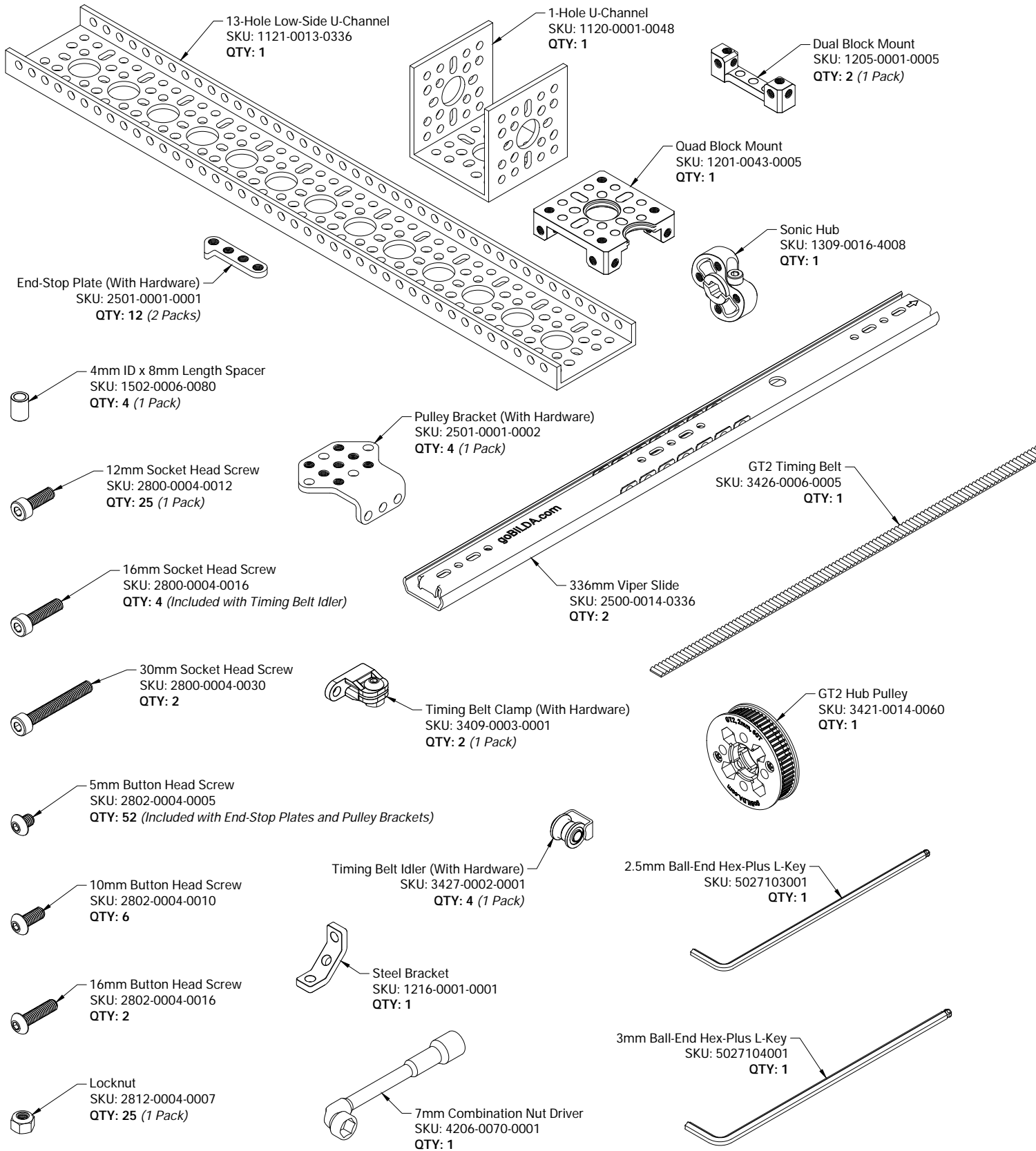




Assembly Instructions for
2 Stage Viper-Slide Kit (Belt-Driven, 336mm Slides)
SKU: 3210-0003-0002

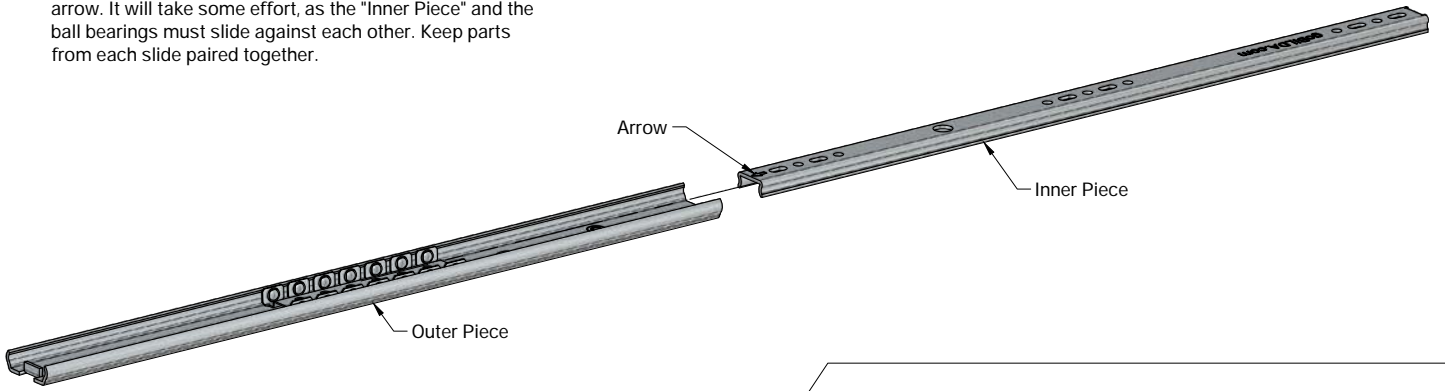


Kit Contents:



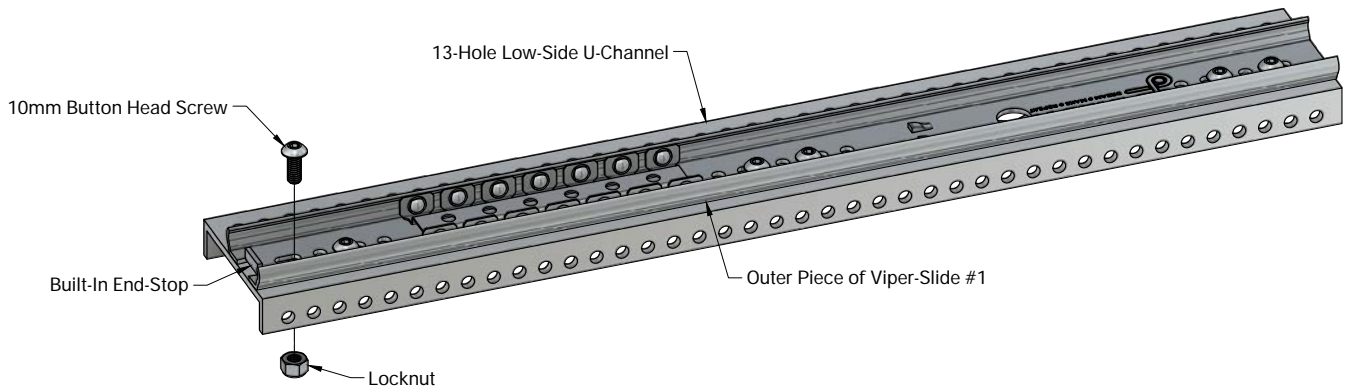
STEP 1:

Disassemble both 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.



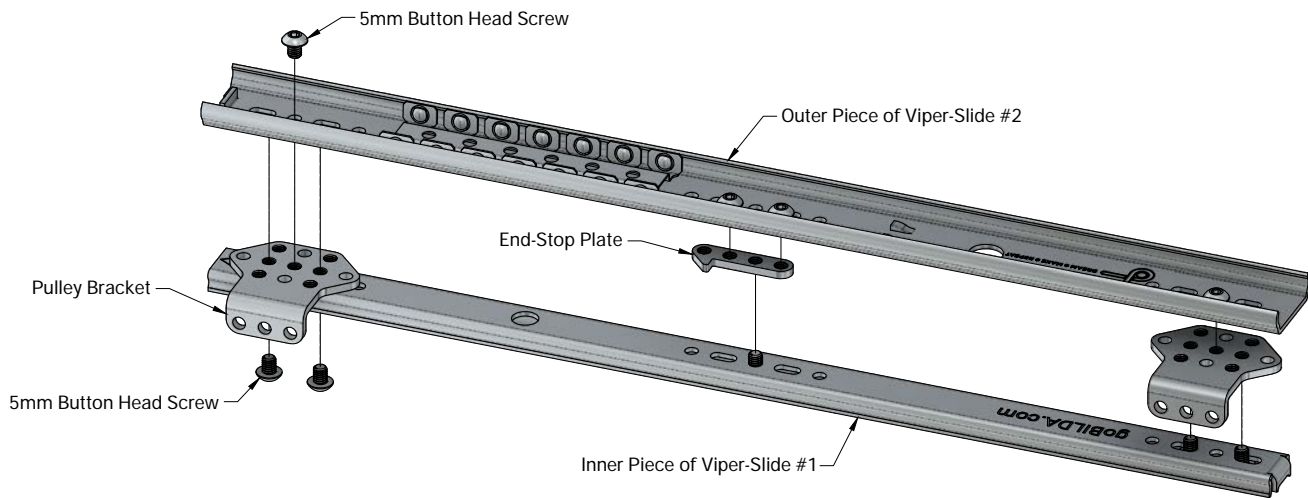
STEP 2:

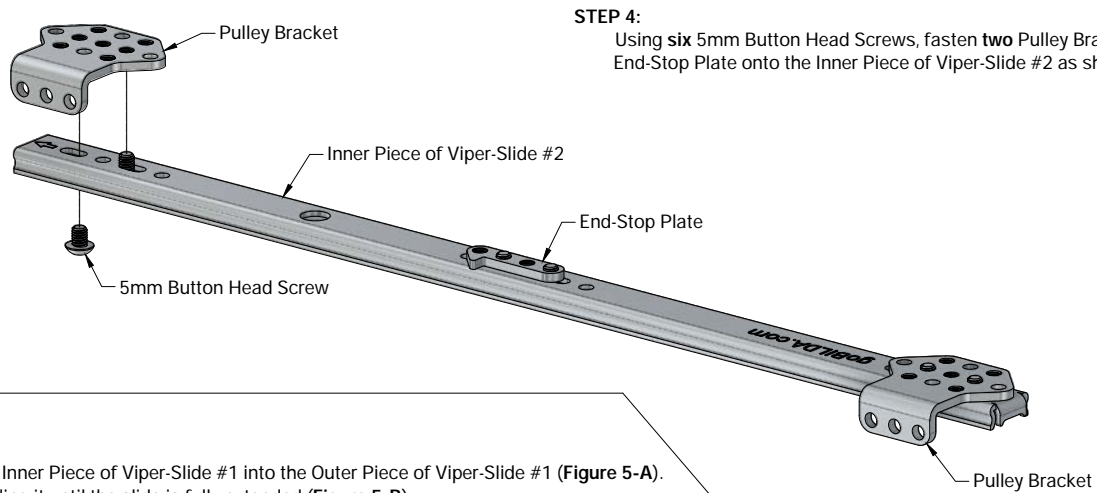
Attach the Outer Piece of the first Viper-Slide to the 13-Hole Low-Side U-Channel using six 10mm Button Head Screws and six Locknuts. Note the location of the "Built-In End-Stop".



STEP 3:

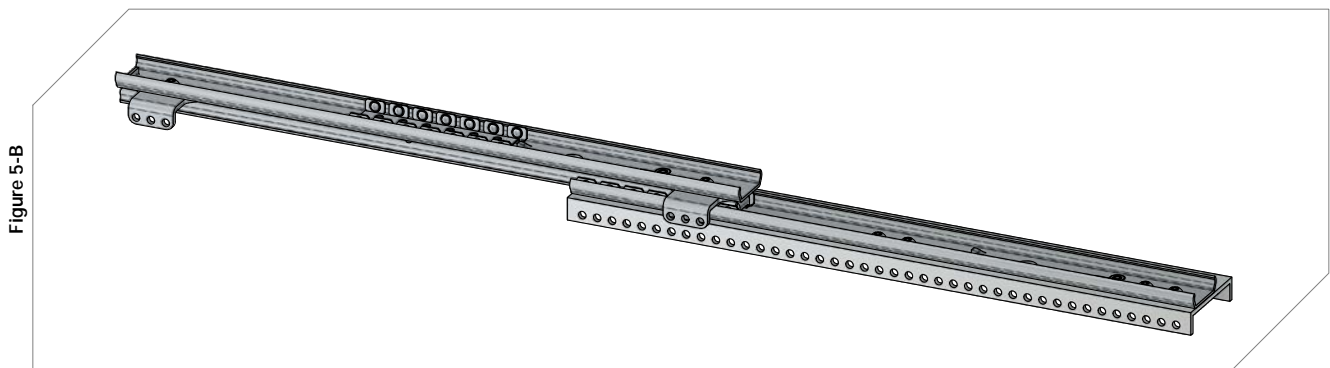
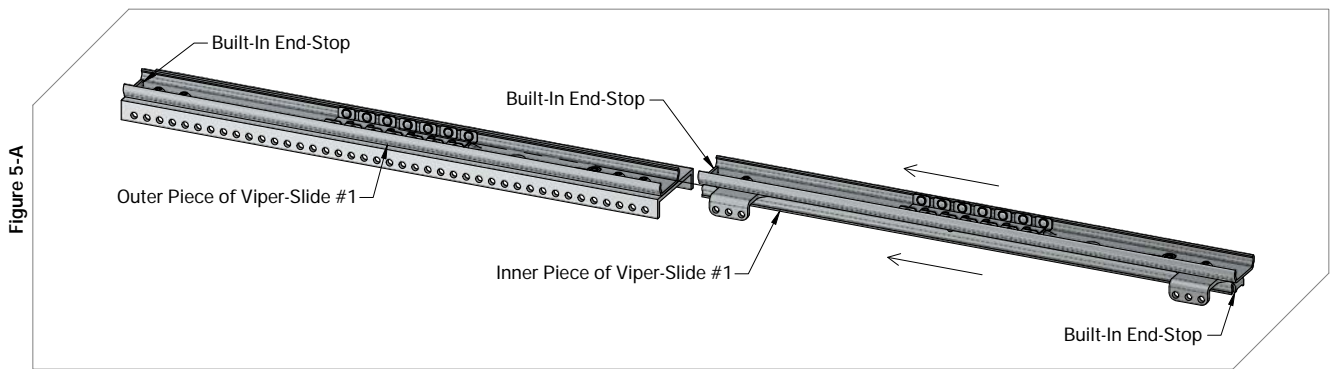
Using nine 5mm Button Head Screws, bolt the Inner Piece of Viper-Slide #1 and the Outer Piece of Viper-Slide #2 to two Pulley Brackets and one End-Stop Plate.



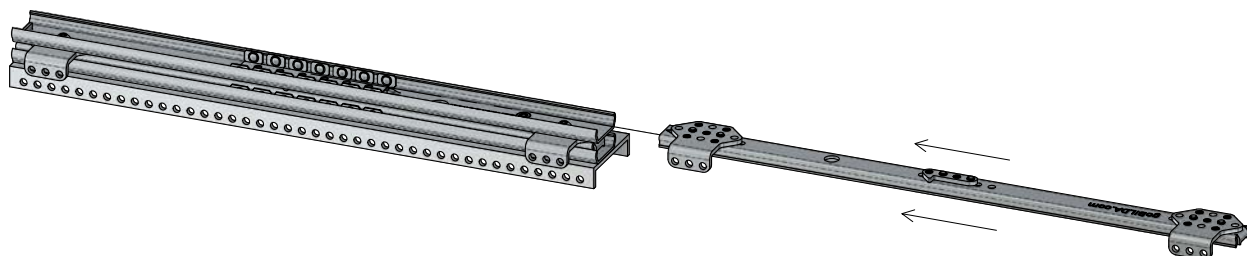


STEP 4:
Using six 5mm Button Head Screws, fasten **two** Pulley Brackets and **one** End-Stop Plate onto the Inner Piece of Viper-Slide #2 as shown.

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

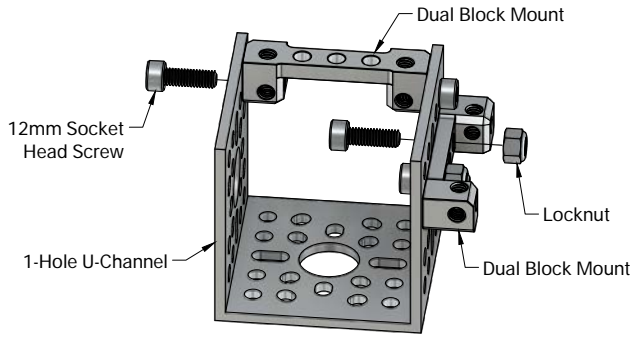


STEP 6:
Repeat this process to assemble the remaining slide as shown.



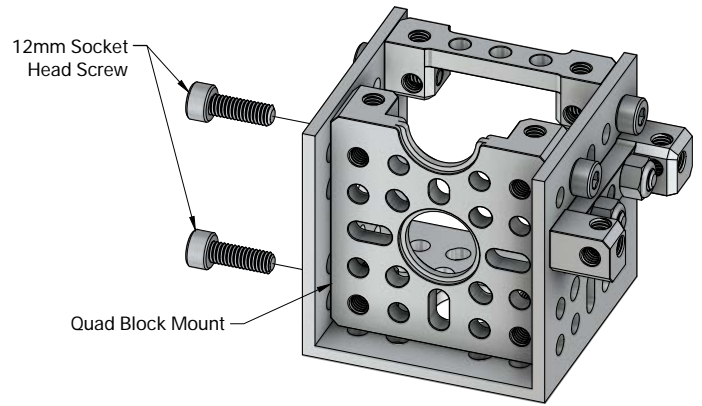
STEP 7:

Using **four** 12mm Socket Head Screws and **two** Locknuts, fasten **two** Dual Block Mounts to the 1-Hole U-Channel as shown. Note the orientation of the Dual Block Mounts.



STEP 8:

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



STEP 9:

Mount the 13-Hole Low-Side U-Channel to the outer Dual Block Mount using **one** 12mm Socket Head Screw as shown. Make sure the Arrows on the Viper-Slides are pointed away from the rest of the assembly (**Figure 9-A**).

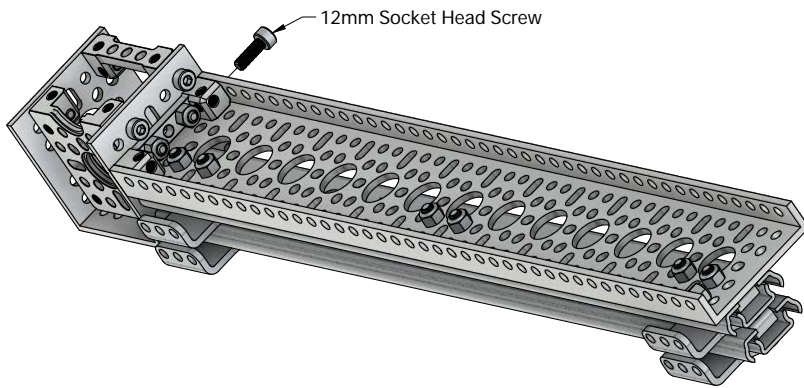
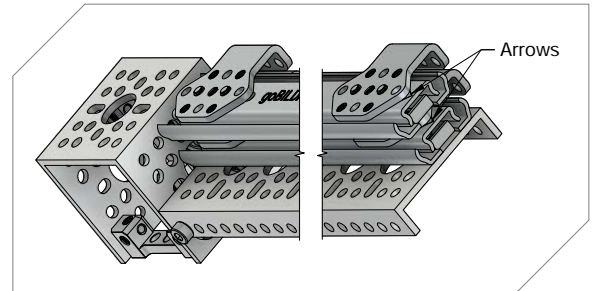


Figure 9-A



STEP 10:

Attach **two** Idler Pulley Subassemblies and **one** Locknut as shown. Note that one Idler Pulley Subassembly will thread into the Dual Block Mount, and the other will use the Locknut.

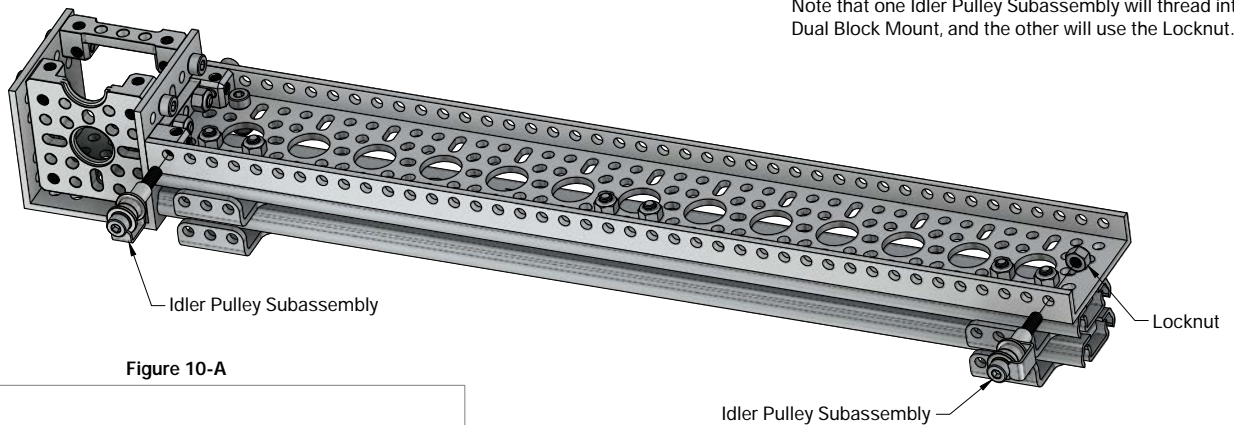
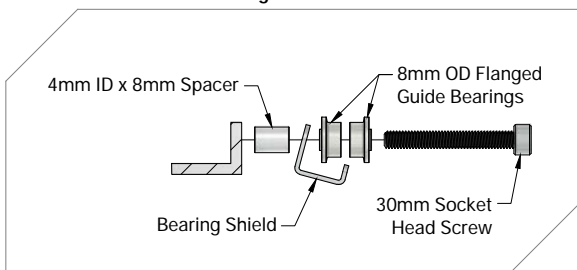
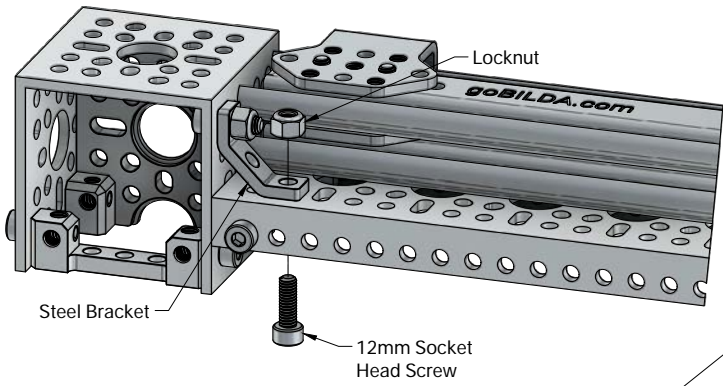


Figure 10-A



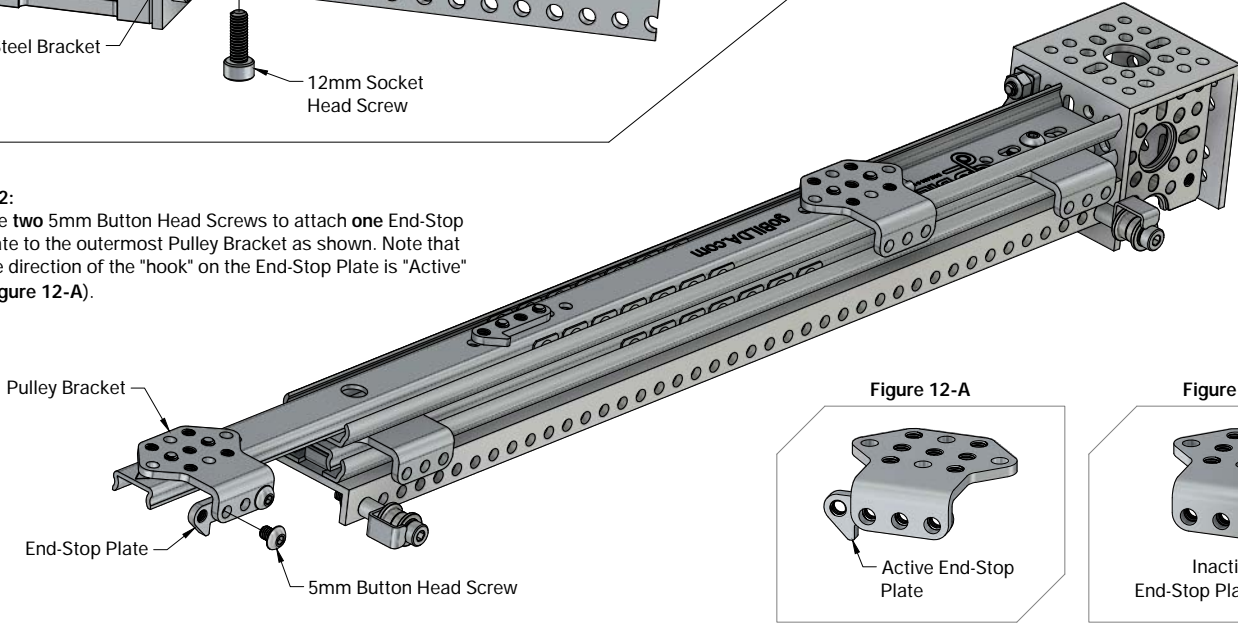


STEP 11:

Brace the connection between the 1-Hole U-Channel and the 13-Hole Low-Side U-Channel with **one** Steel Bracket, **two** 12mm Socket Head Screws, and **two** Locknuts.

STEP 12:

Use **two** 5mm Button Head Screws to 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 12-A).



STEP 13:

Attach **two** additional End-Stop Plates and **two** Timing Belt Idlers, each with **one** 16mm Socket Head Screw and **one** 5mm Button Head Screw (Figure 13-A) as shown. Note each End-Stop Plate orientation (Figure 13-B).

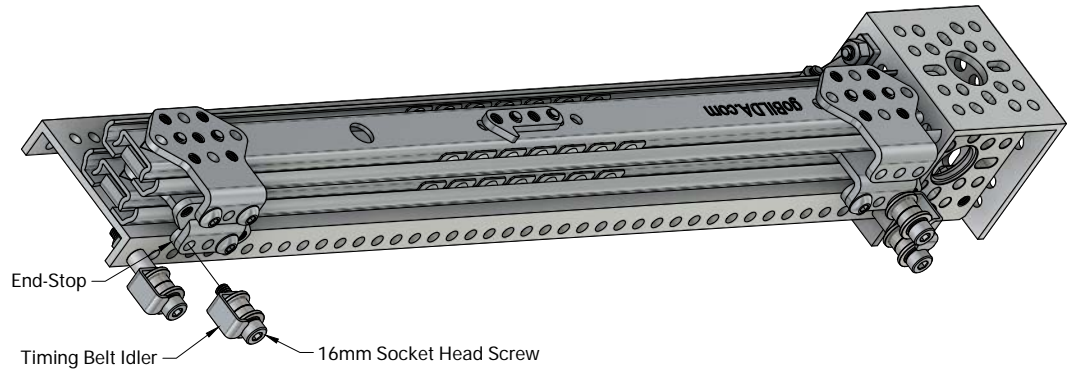


Figure 13-A

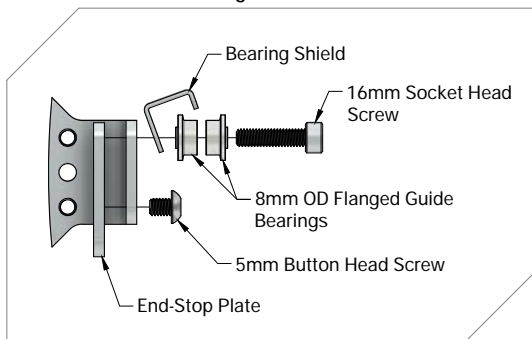
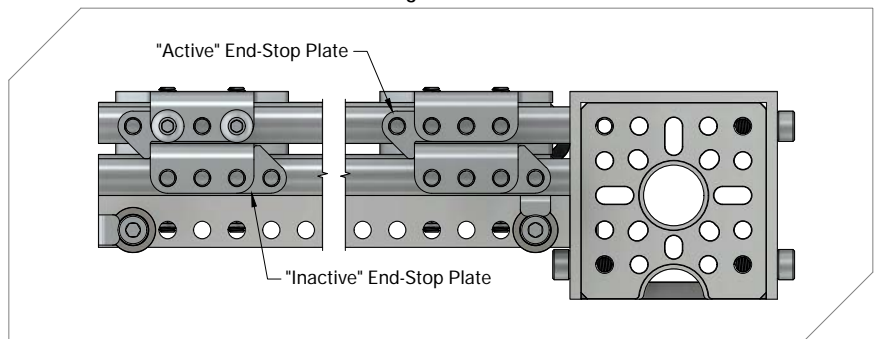
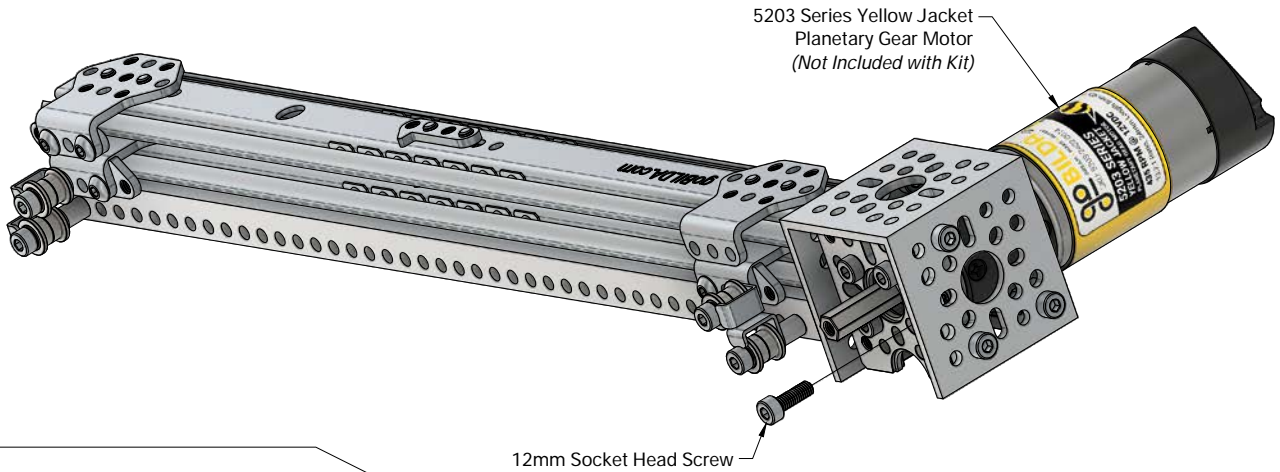


Figure 13-B



STEP 14:

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



STEP 15:

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 15-A).

Pro Tip:

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

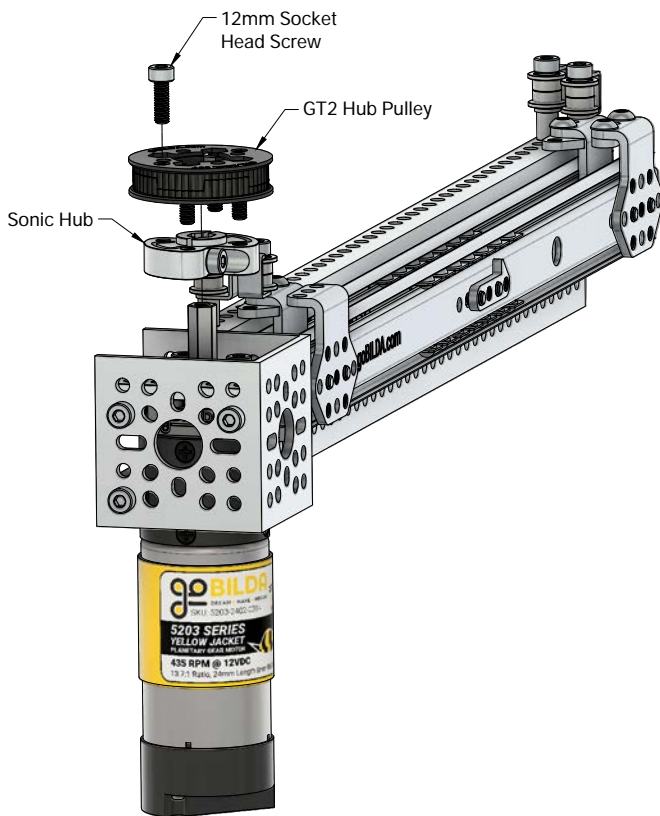
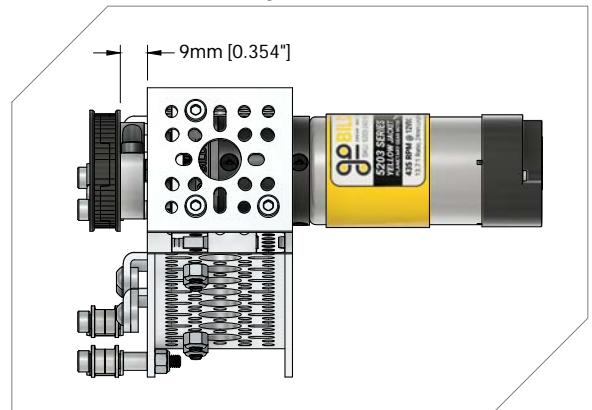


Figure 15-A



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.

