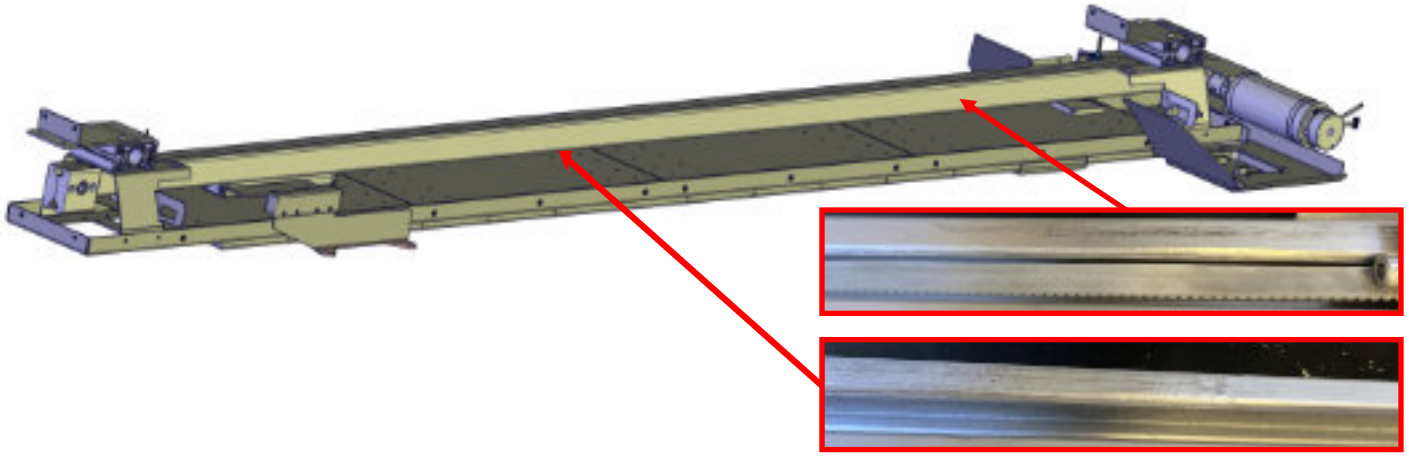
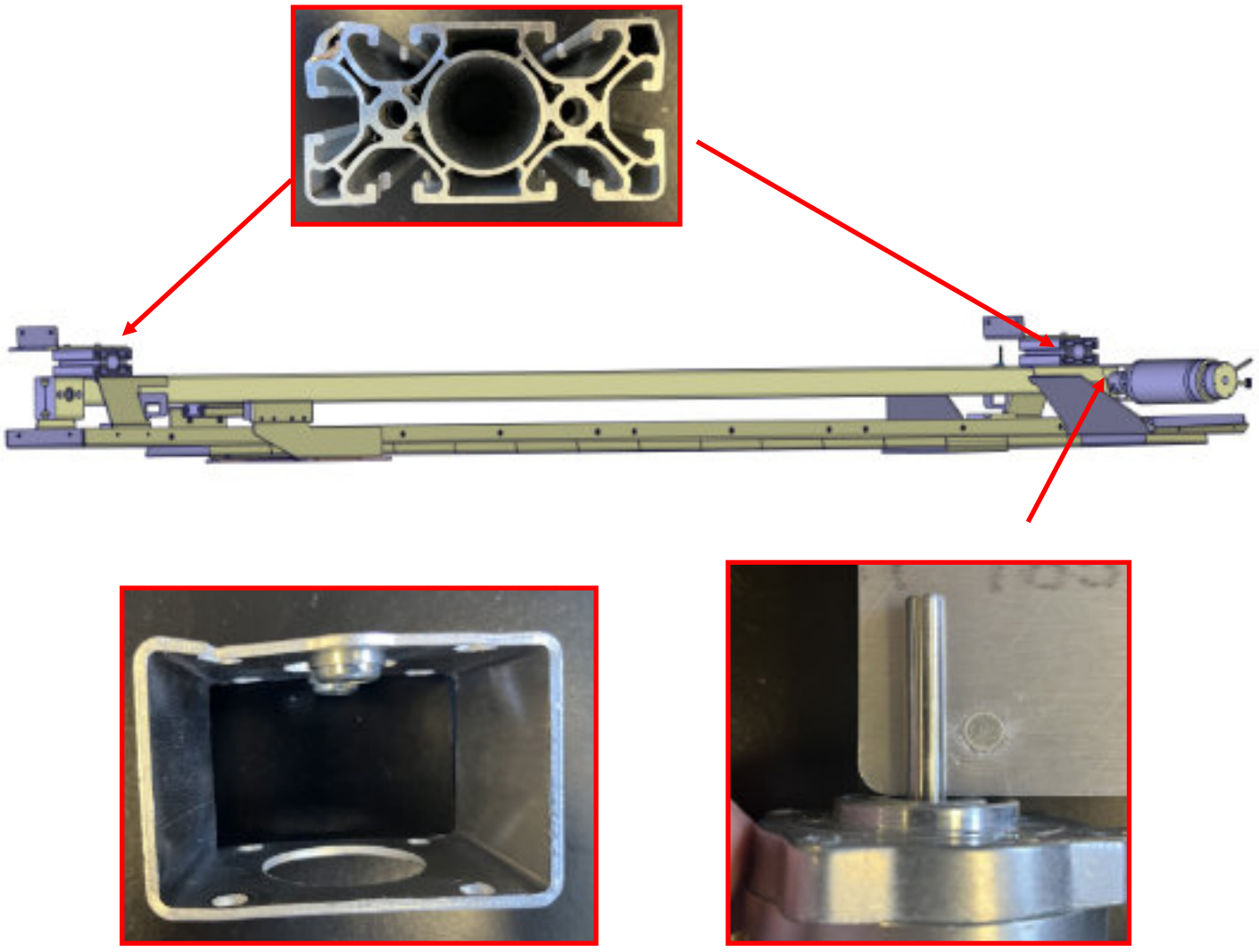
Step 1: Inspect assembly for any Damage.

A) Inspect slider for deep scrapes in the track. If damaged, replace slider.



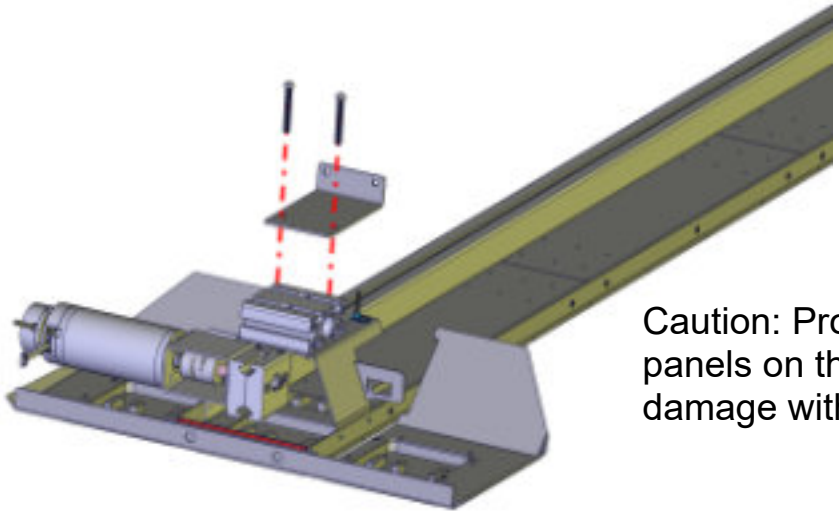
B) Inspect the mounts for damage. If damaged, replace.

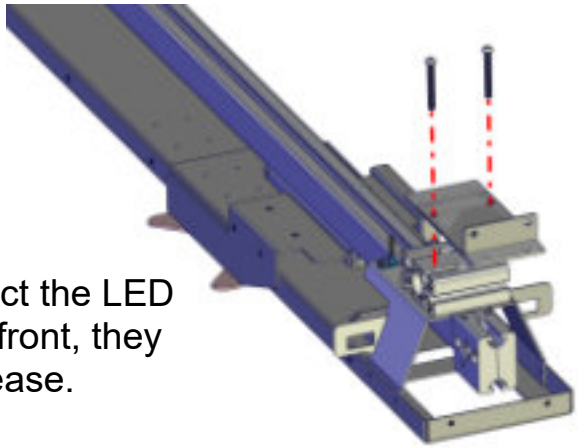


C) Inspect motor mount and motor shaft for damage. If damaged, replace.

Step 2: Remove the mounts at both ends.

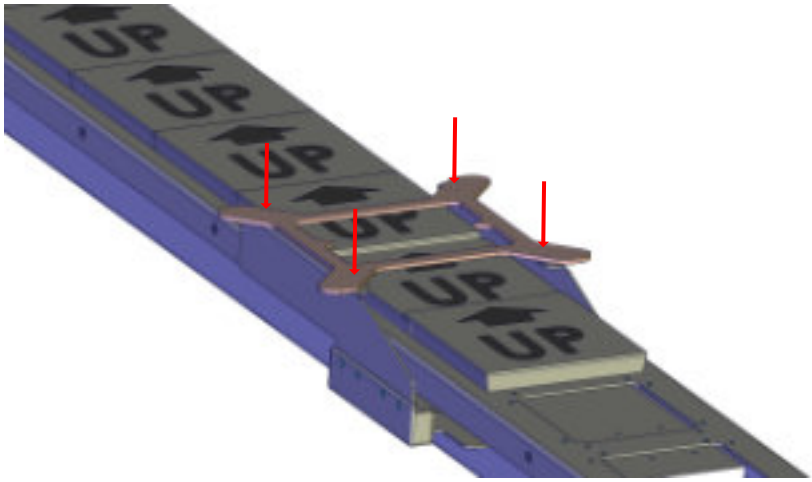
Use a 5/32 Allen wrench to remove the screws shown. Put mounts and hardware aside.



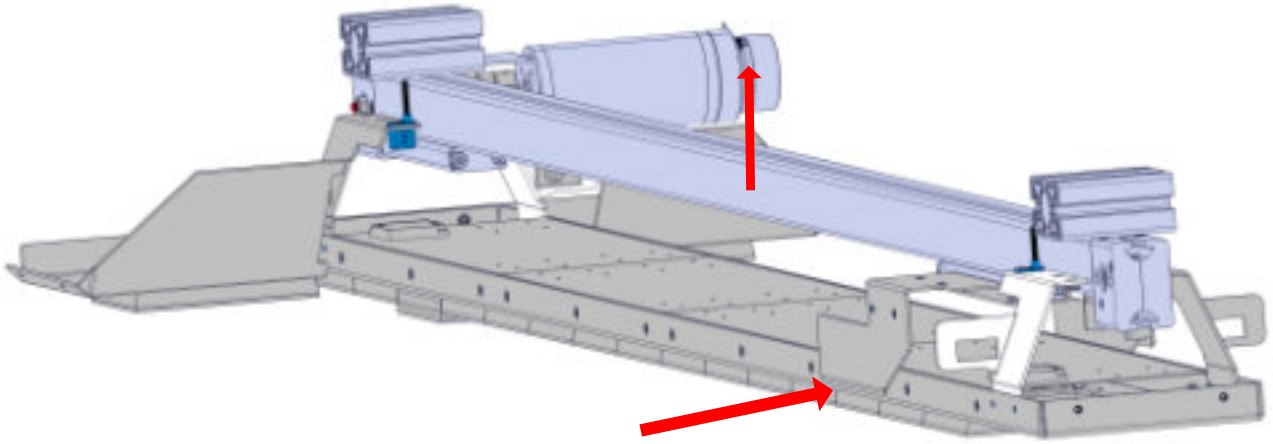


Caution: Protect the LED panels on the front, they damage with ease.

Flip the assembly over and use a Phillip screw driver to remove the screws shown. Put faceplate and hardware aside.

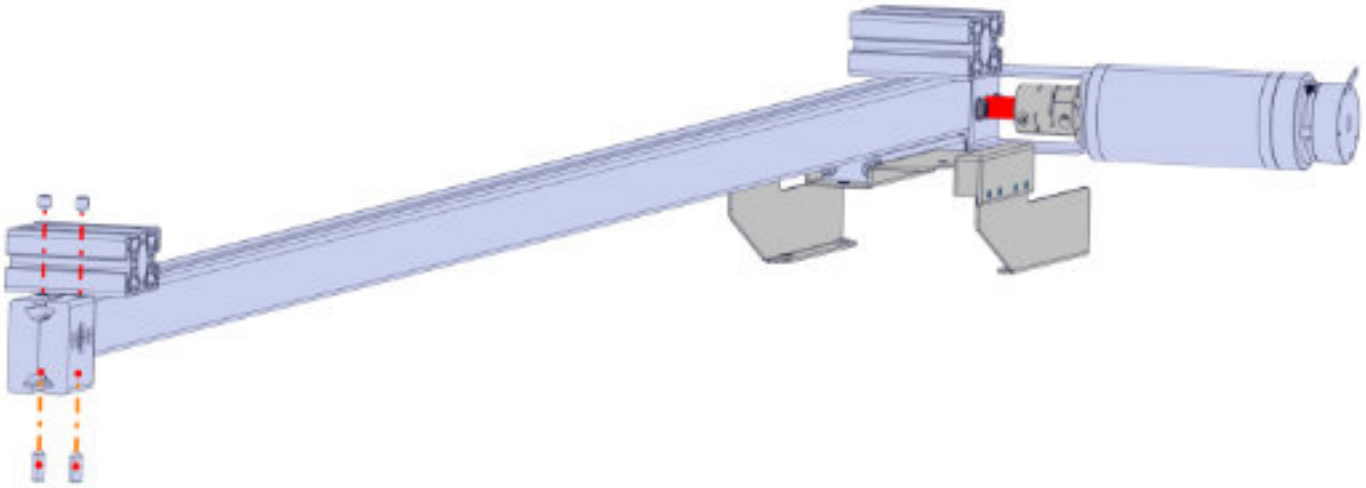


Flip the assembly over again and lift the slider assembly out. You will have to angle the side brackets as you lift the assembly out.



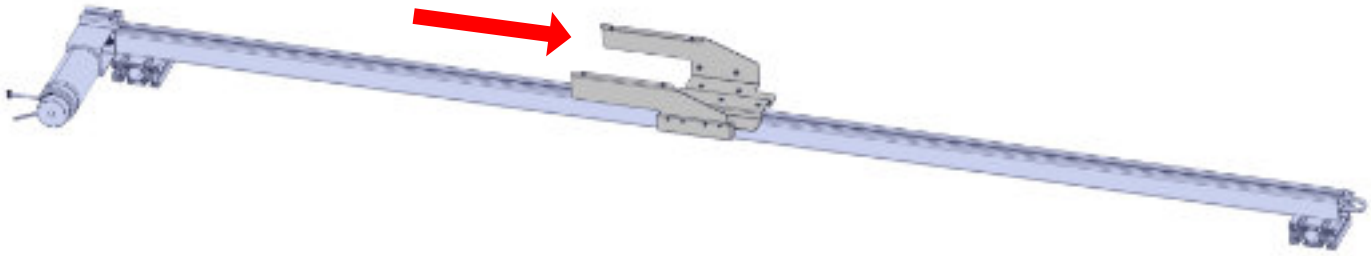
Step 3: Remove the end block.

Use a 4mm Allen wrench to remove the grub screws. Pull end block off. Pull belt out of end block. Do not loose the pins at each end of the belt.

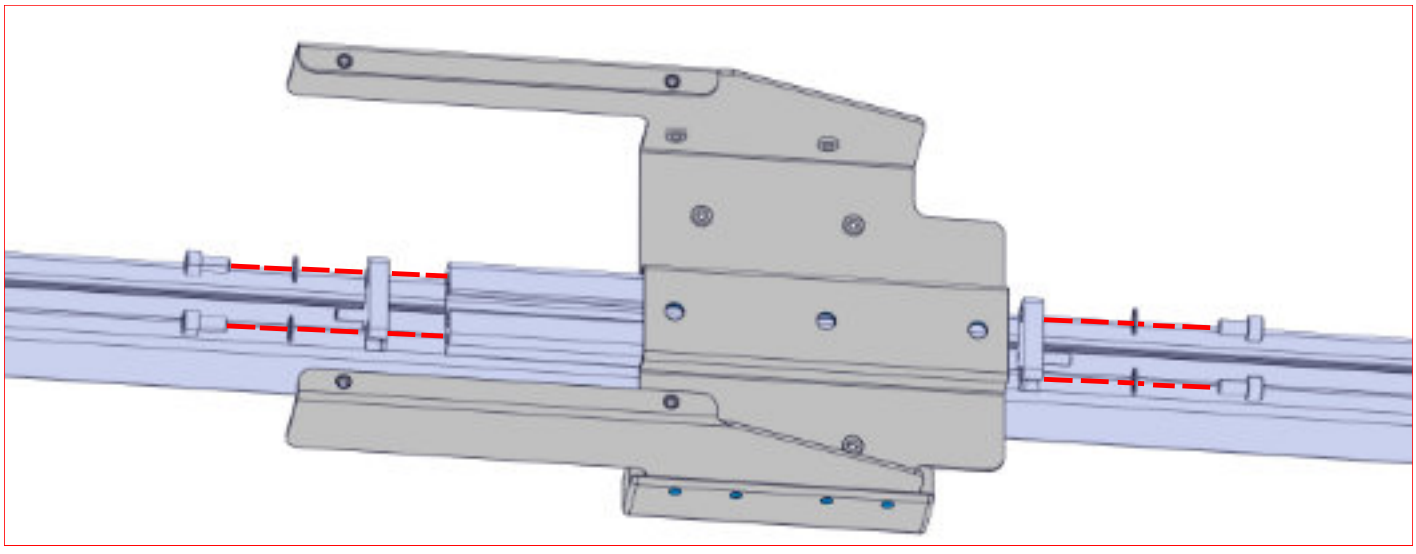


Step 4: Remove the broken belt.

Slide the assembly away from the motor and to the center.

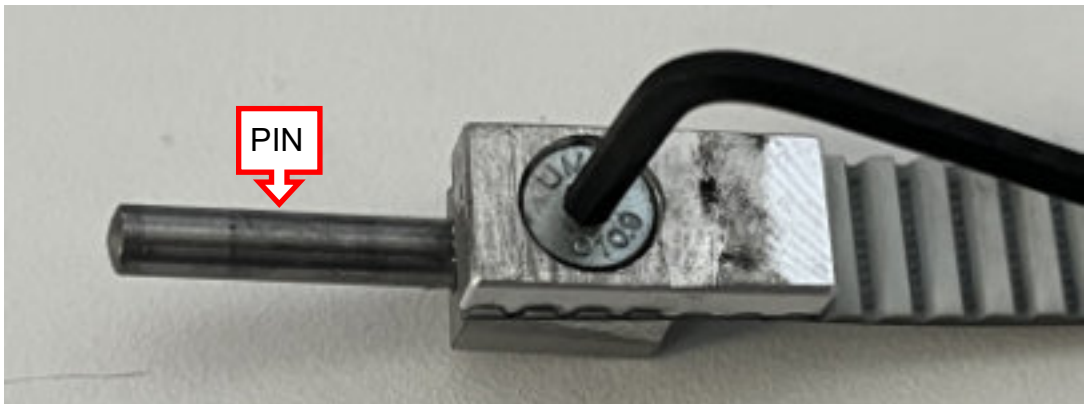


Step 5: Remove the broken belt by using a 5mm Allen wrench and remove both ends from the slider.

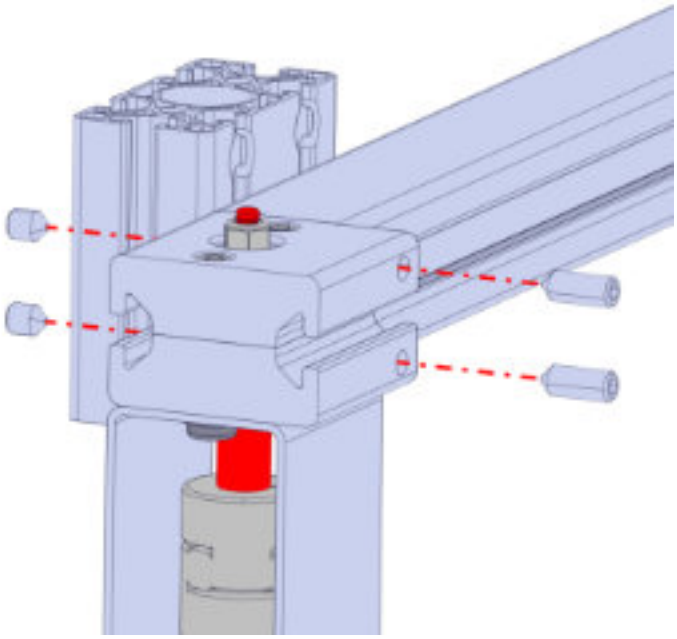


Step 6: Remove both belt end clamps by using a 2.5mm Allen wrench.

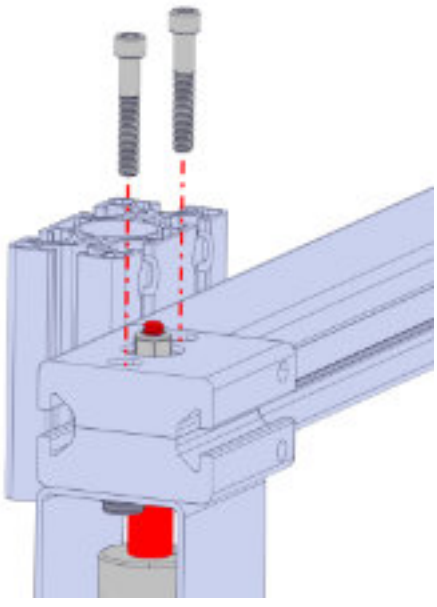
If pins are missing, note serial number of slider unit and contact ICE service department.



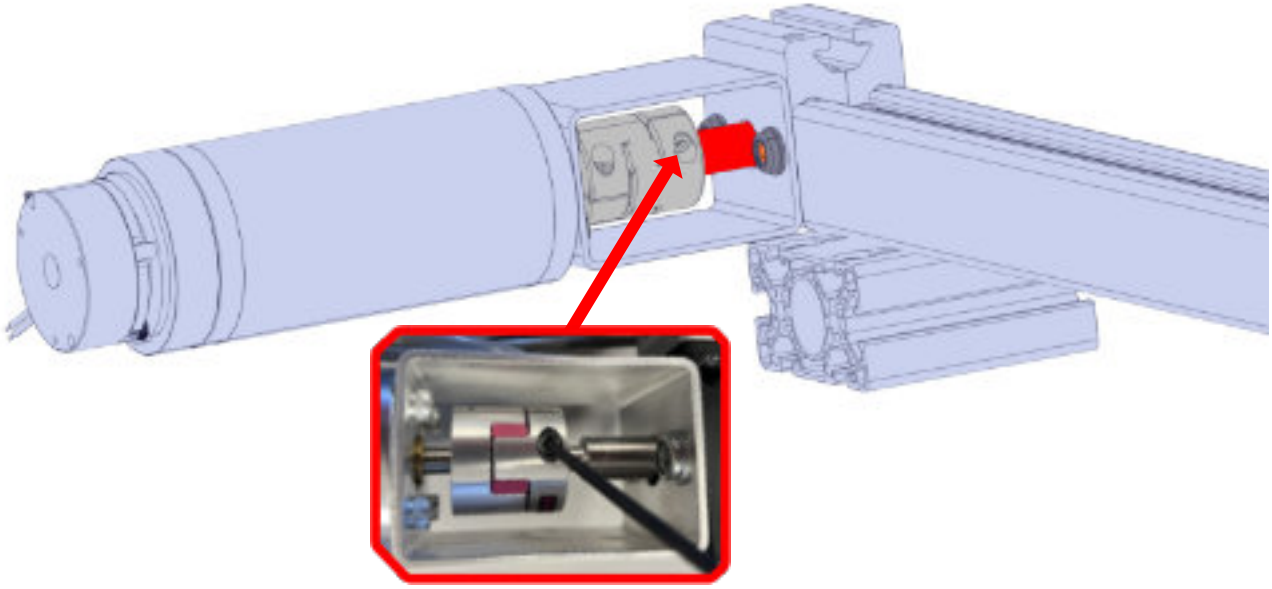
Step 7: Remove end block with motor assembly attached using a 4mm Allen wrench.



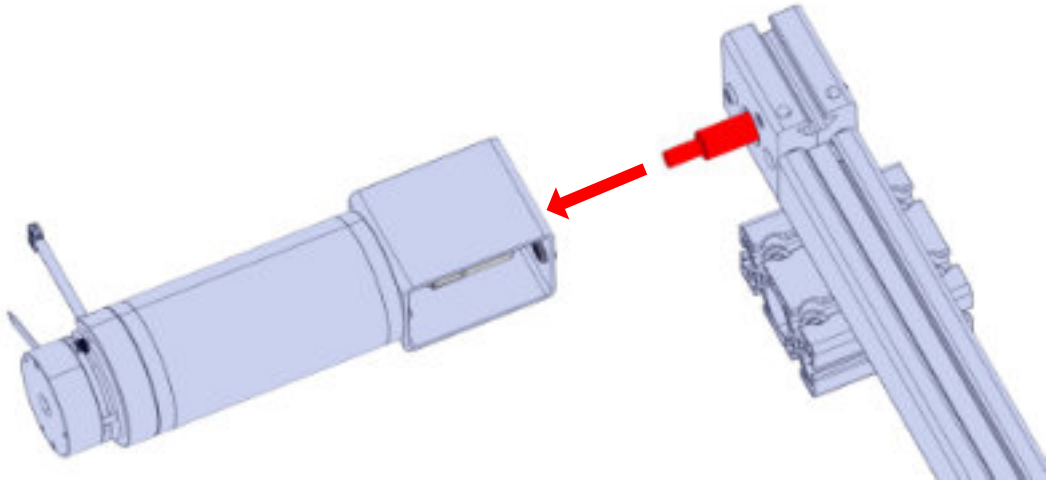
Step 8: Remove the two block retaining bolts using 3/16 Allen.



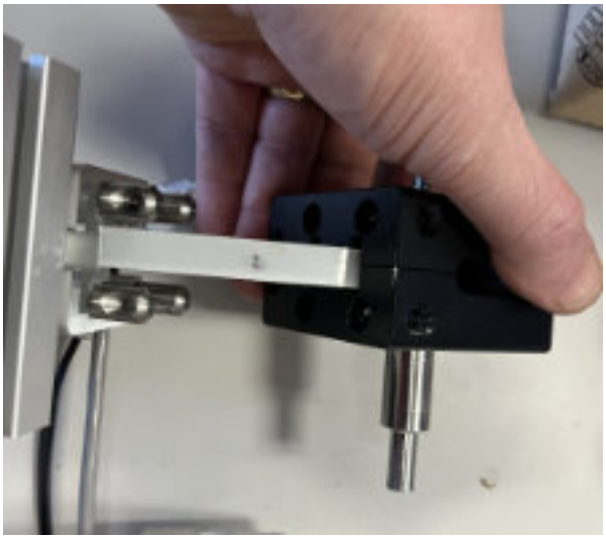
Step 9: Remove the grub screw on the coupler using 2 mm Allen wrench.



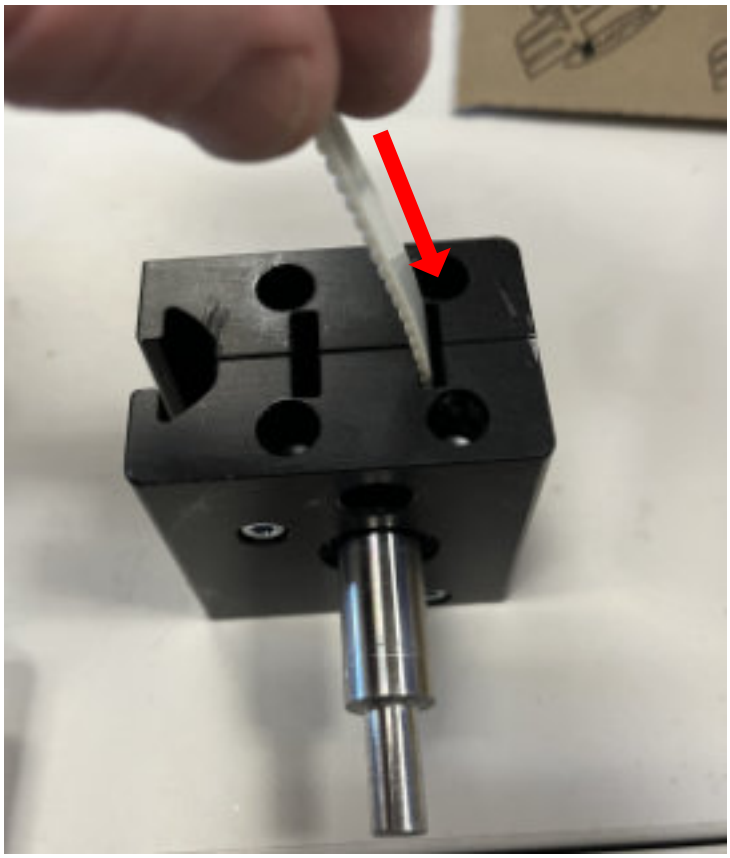
Step 10: Remove the motor assembly from the slider.

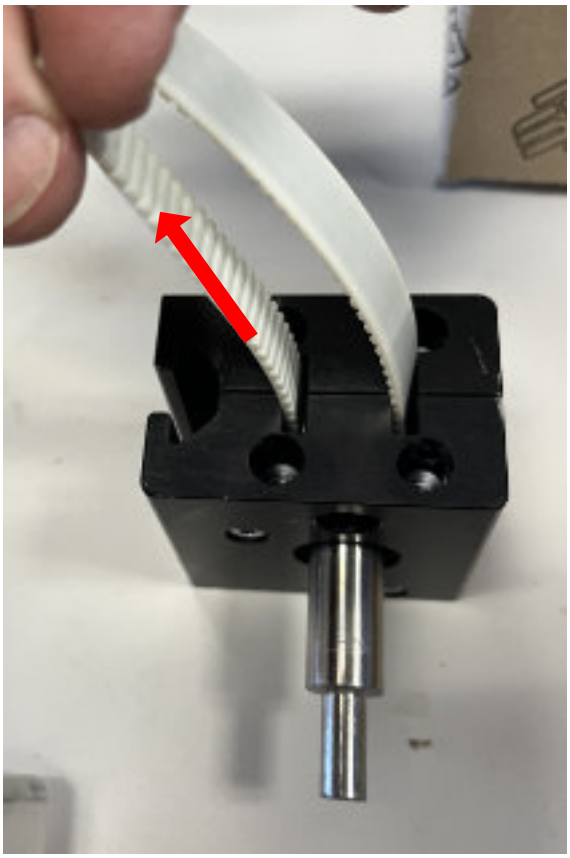


Step 11: Pull motor bearing block out and remove broken belt if present.



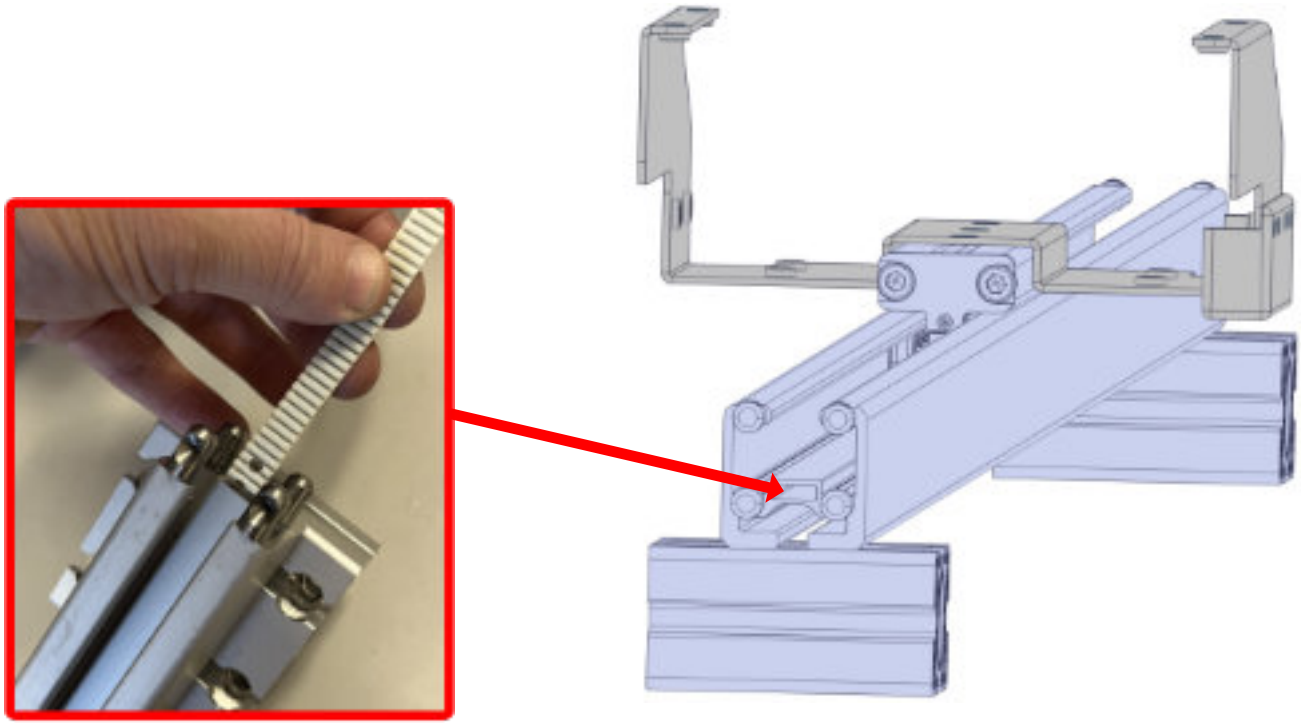
Step 12: Push belt through block



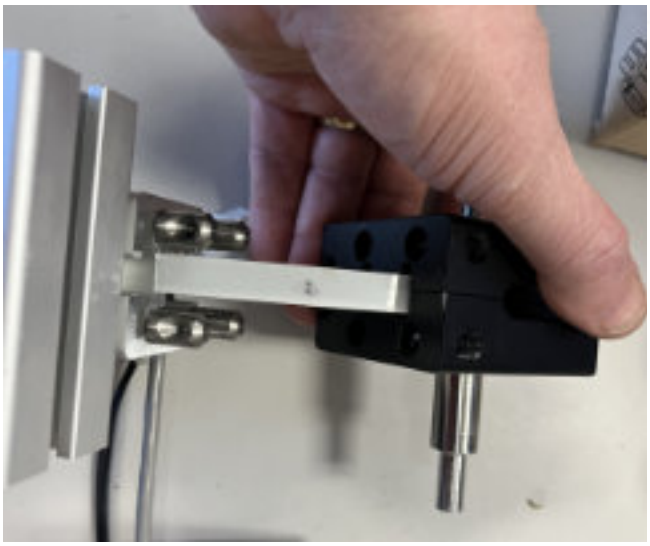


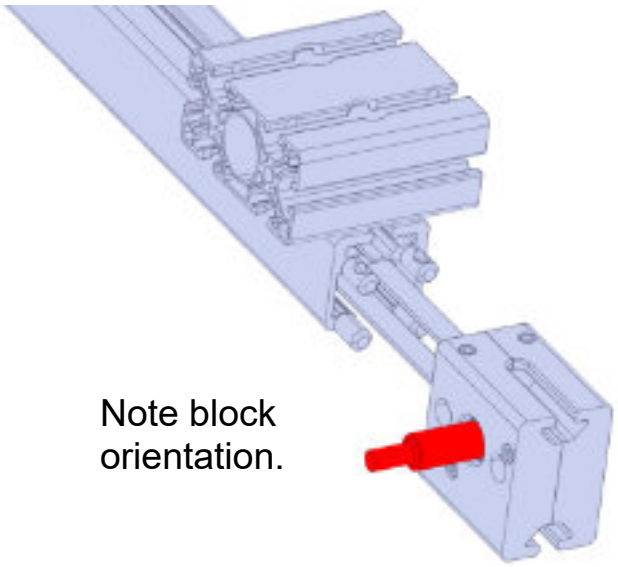
Step 13:

With the mounting blocks at the bottom, insert the new belt ribs side up into the belt slot and push it through until it comes out the other side.

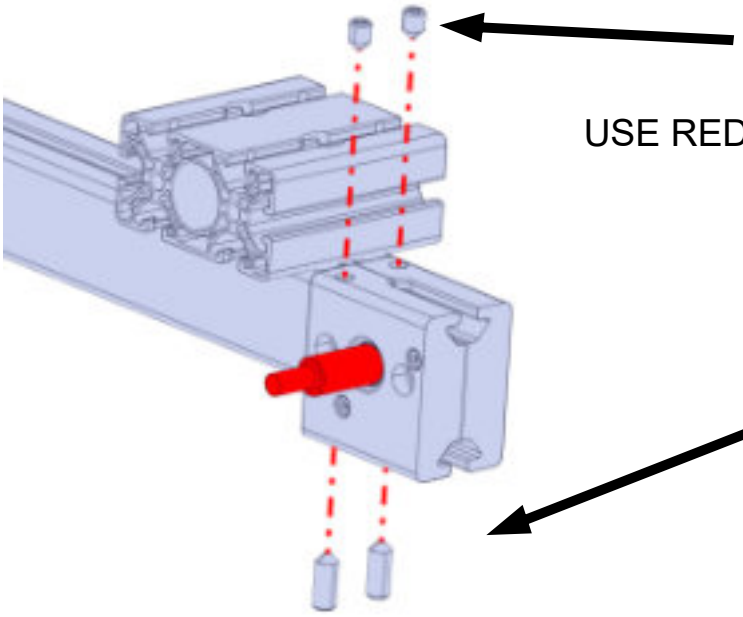


Step 14: Reattach the end block pay attention to the size of the grub screws.



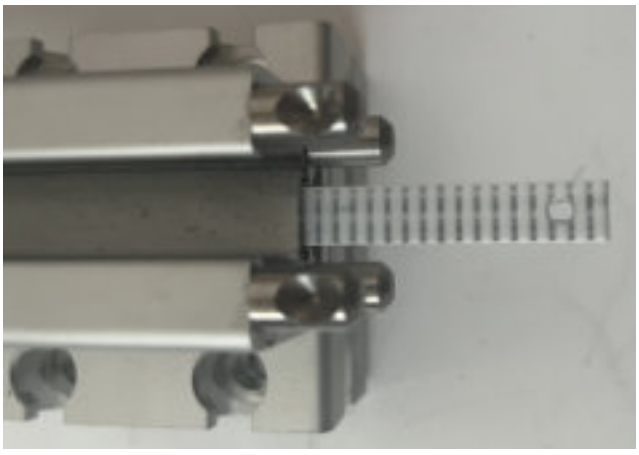


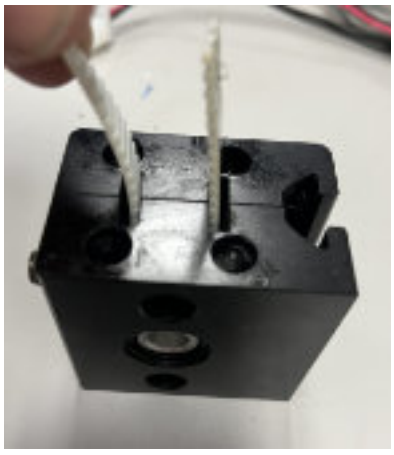
Note block orientation.



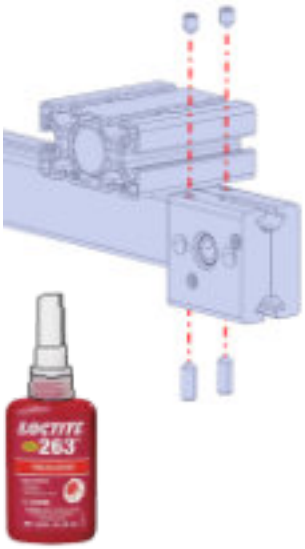
USE RED LOCTITE ON ALL HARDWARE!

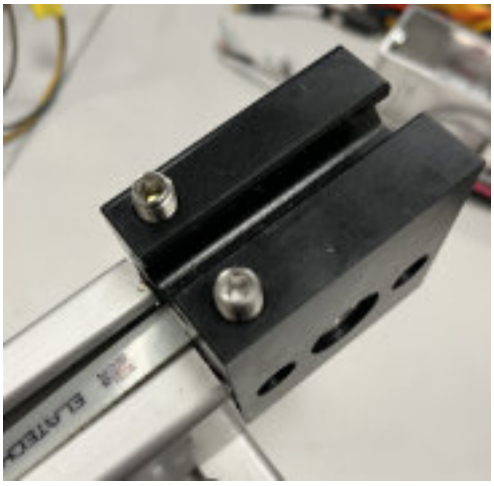
Step 15: Pull the belt out and loop it through the other bearing block.



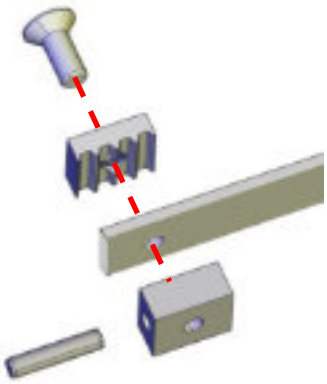


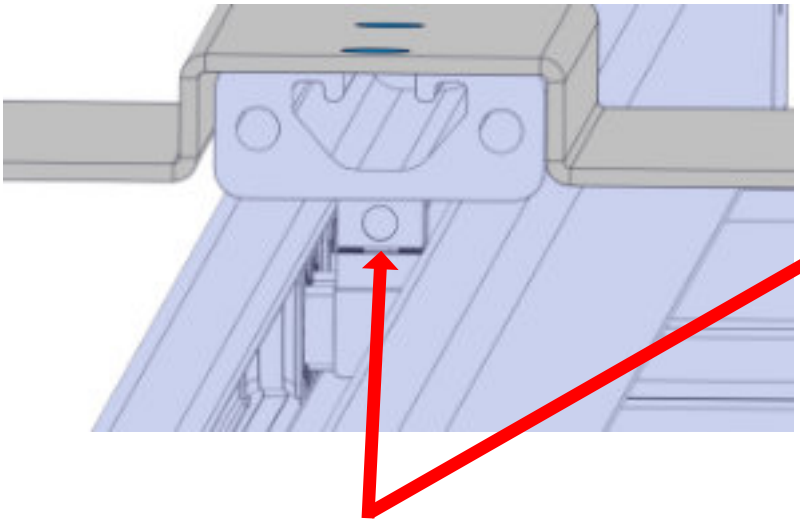
Step 16:Use red Loctite and 3 mm Allen wrench to attach top end block.

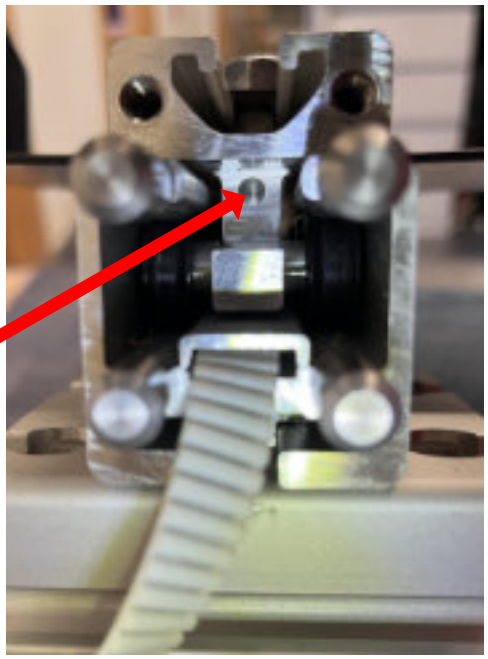




Step 17: At each end of the belt, assembly the belt clamps to the belt.





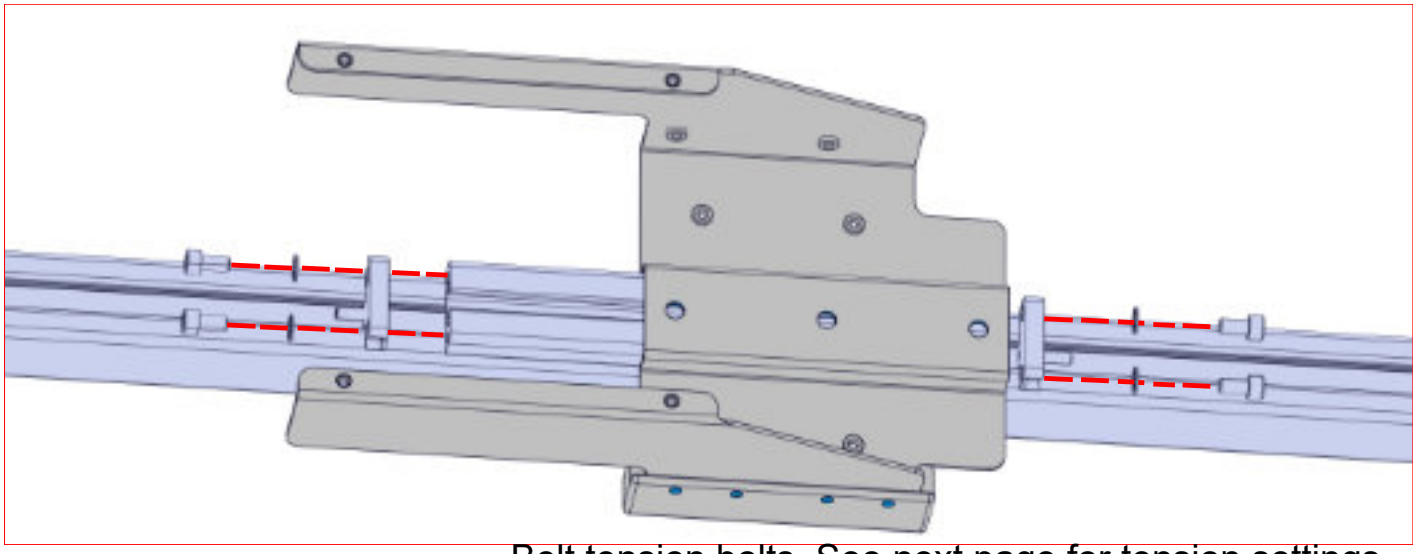


Insert pin with belt attached here before doing step 19.

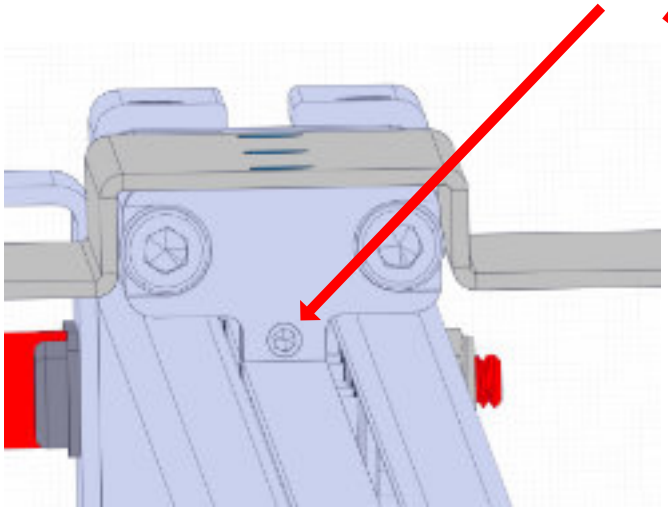
Step 18:

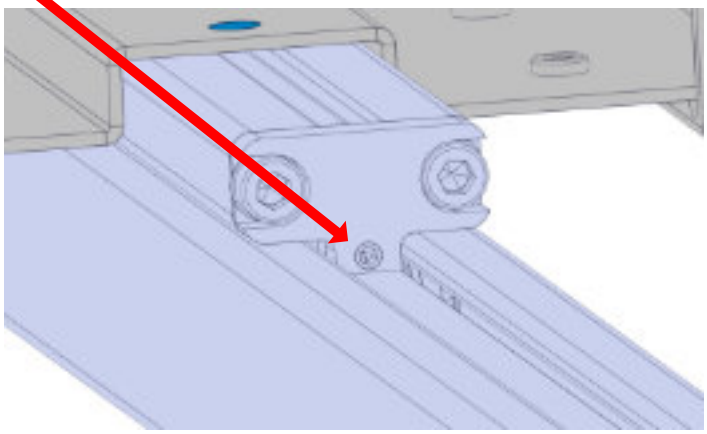
Apply red Loctite on the threads before installing. Do not fully install lower bolt used to tension the belt. This will be adjusted later.

Step 19: attach the clamps on both side making pin is in the slider correctly (shown in step 17)

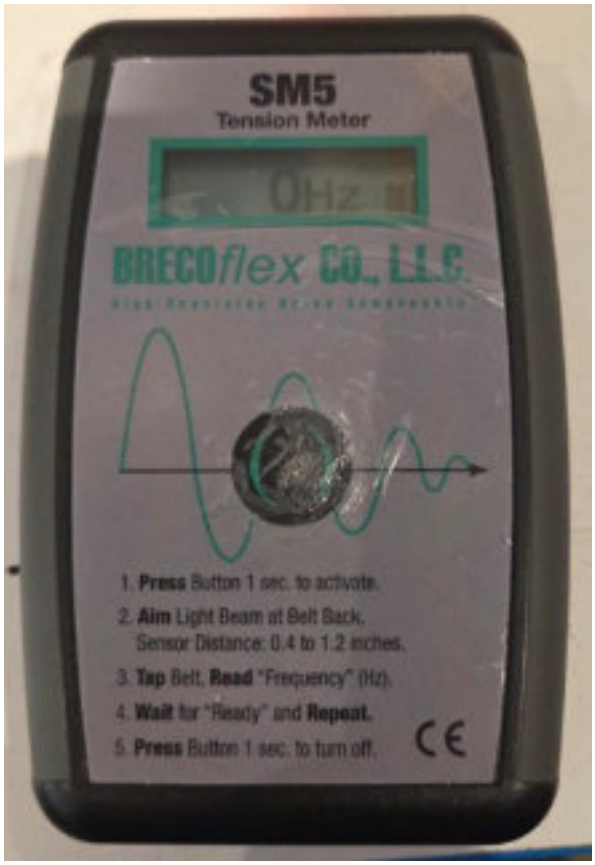


Belt tension bolts. See next page for tension settings.





Reassembly in reverse starting from step 10 to step 2.



Using a tension meter shown on the left, move the carriage until 1000mm is exposed from the end to the slider (green to green marks below).

Flick the belt and push the button on the meter. It should read 37HZ. Adjust tension bolts until you read 37HZ on the meter. You should adjust the bolts equal, 1/4 turn on each side at a time.