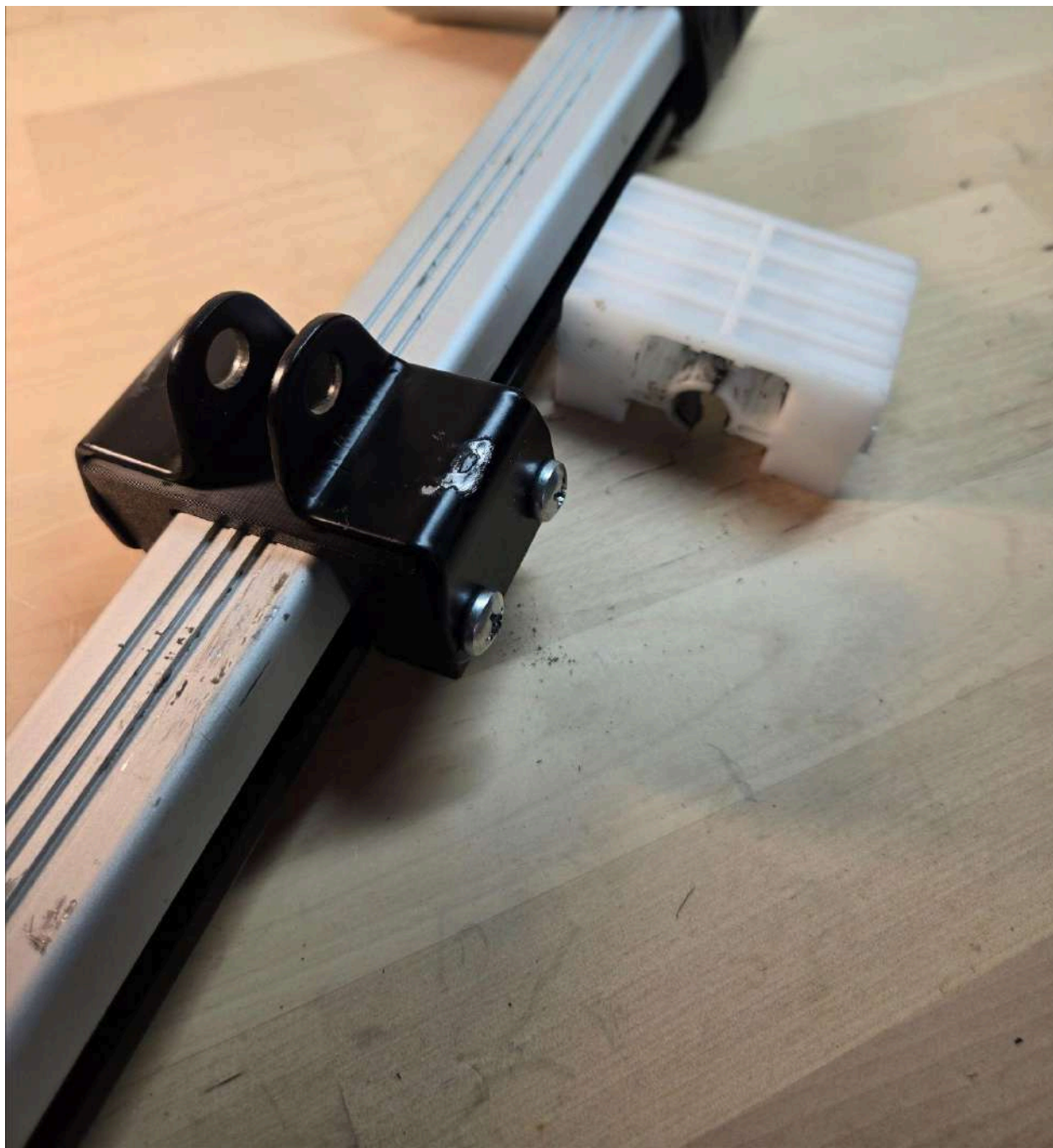


JLDQ.18.133.226D02 Linear Actuator Replacement Manual



Tools Needed

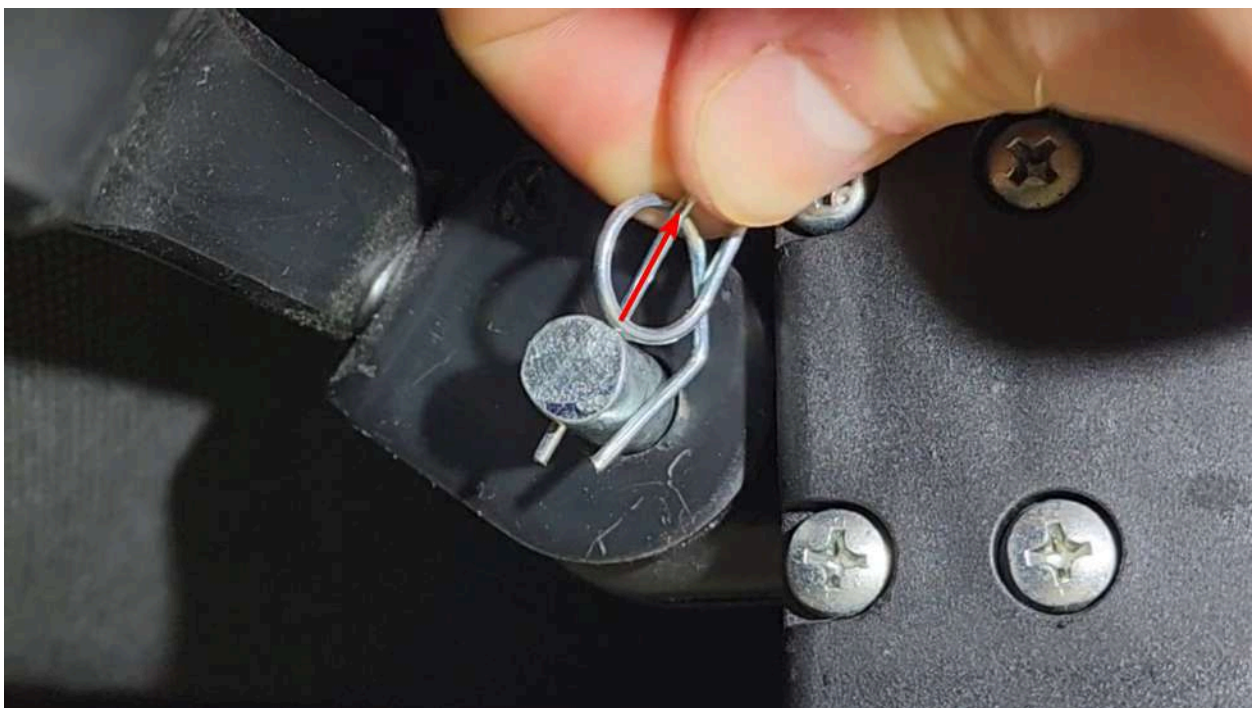
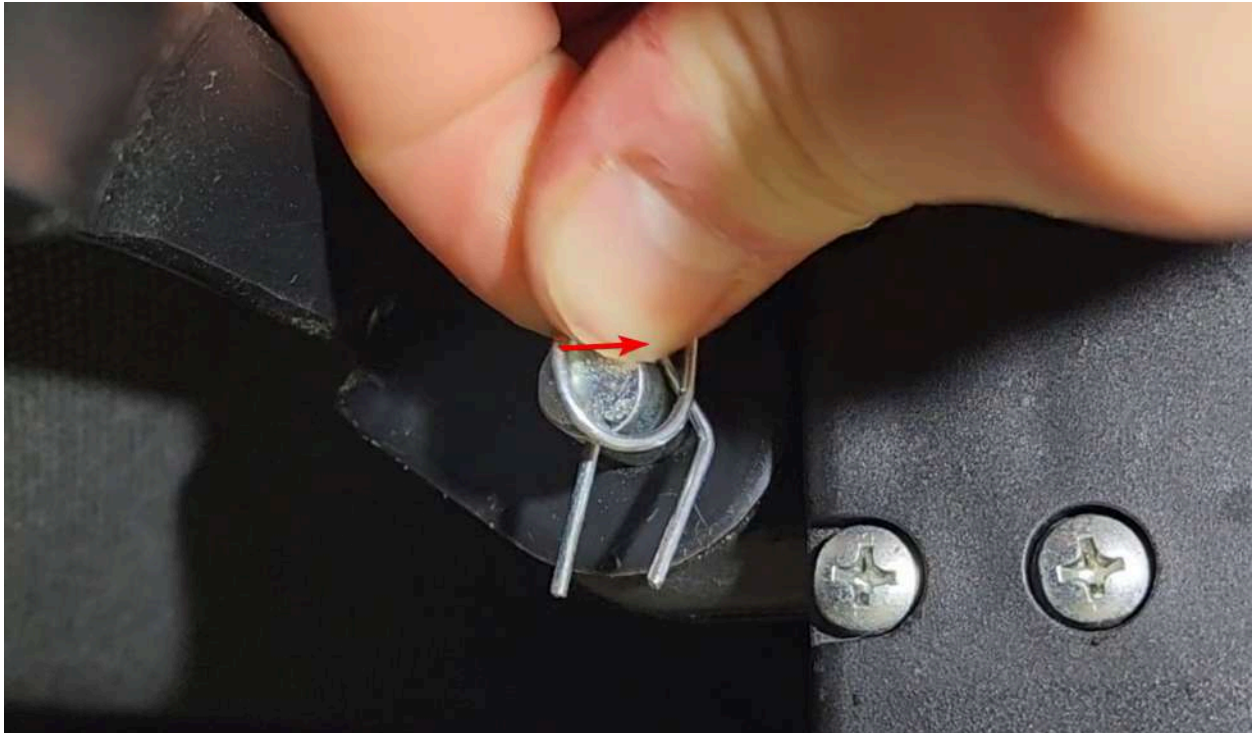
- Standard size Phillips screwdriver
- Large size Phillips screwdriver
- Cordless drill with Phillips bit (optional but recommended)
- Silicone grease (optional but recommended)

Removing the Assembly

The models pictured in the removal and reinstallation are not exactly the same as the instructions for replacing the block above. The installation for the entire assembly should be in the opposite order of how you safely removed it from the couch before. This is a general guide that should apply to all recliners.

1. Before removing anything, make sure to press the button to move the recliner to the reclined position. Regardless of the chair not operating, this will help to remove the block later. Unplug the couch from the wall after this.
2. Ensure the 2 power cables are unplugged from the motor. There are small clips that hinge onto them to prevent them from coming loose. Undo the clips and unplug the two cables.
3. Undo the ring pin that is holding the main pin in place. This is best done by rotating it like this to slide the ring off the top of the main pin. Some couches may not have a cotter pin, so use your judgement to remove this main pin that holds the actuator in place.

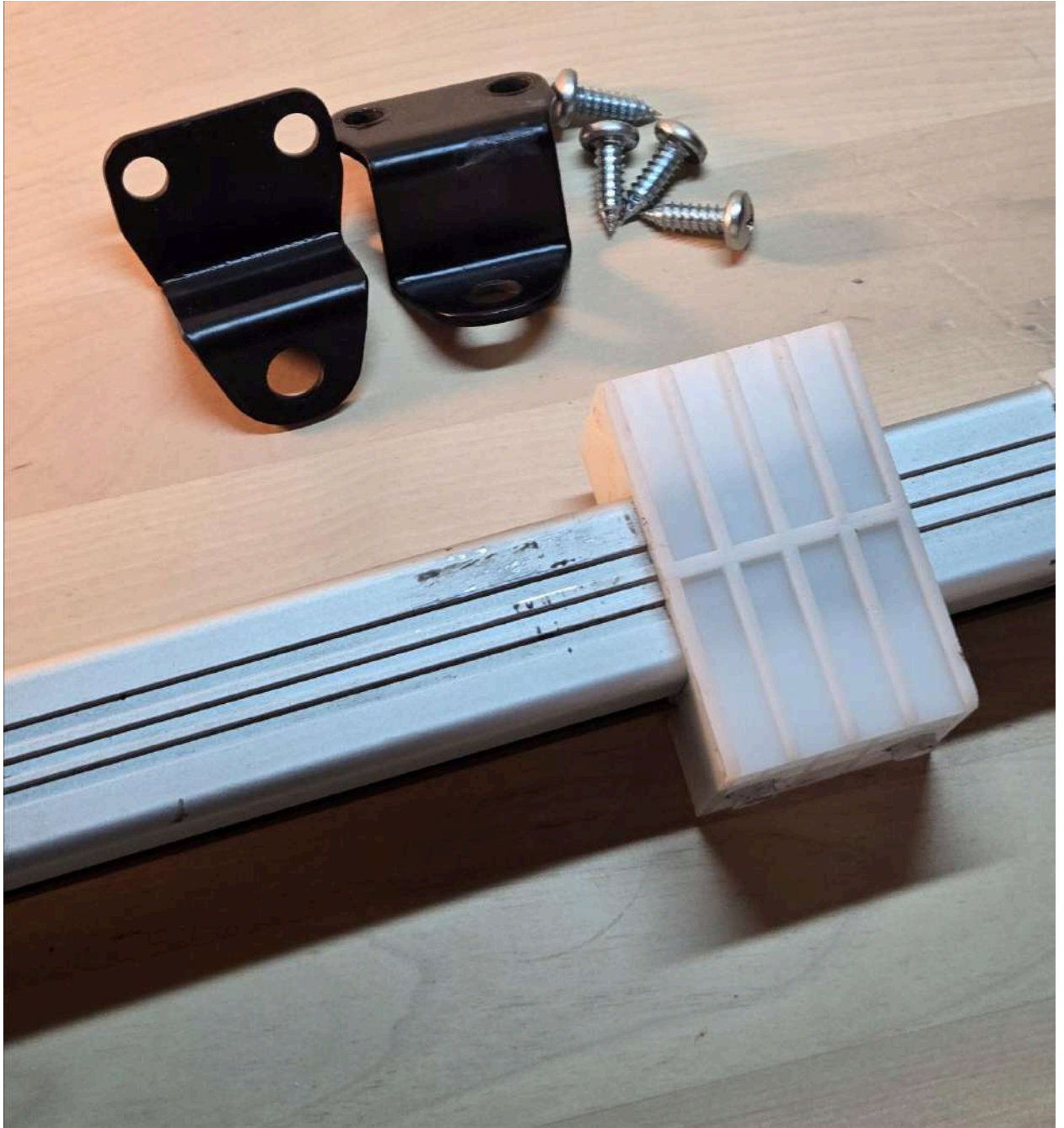




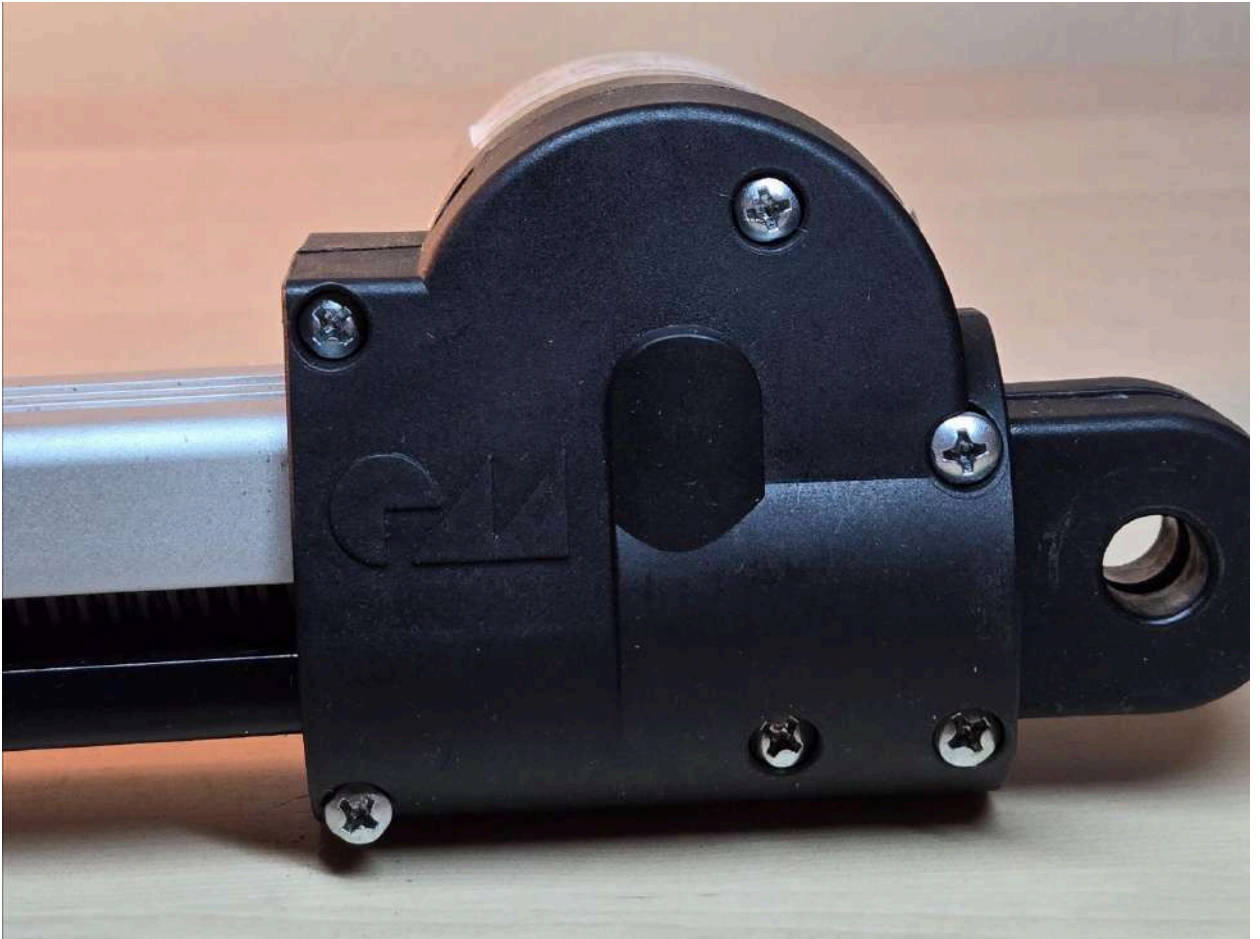
4. Pull the retaining ring pin out of the chair.
5. Assuming the block is broken, the front one will not be attached to the motor assembly. The same steps apply to remove the retaining pin and main pin.
6. Remove assembly from the chair.

Removing And Disassembling the Old Broken Block

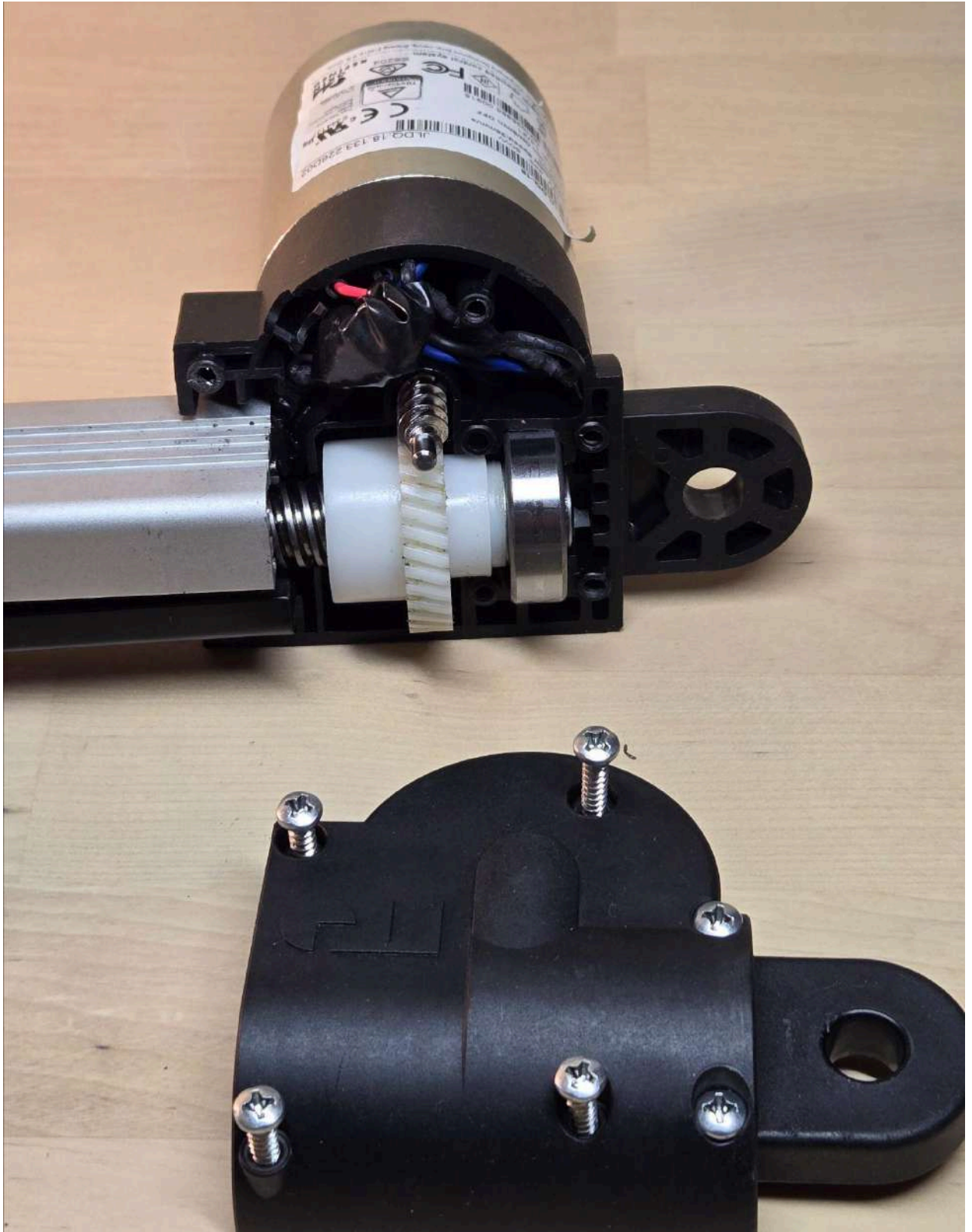
1. Start by removing the 4 very large screws from the broken plastic block



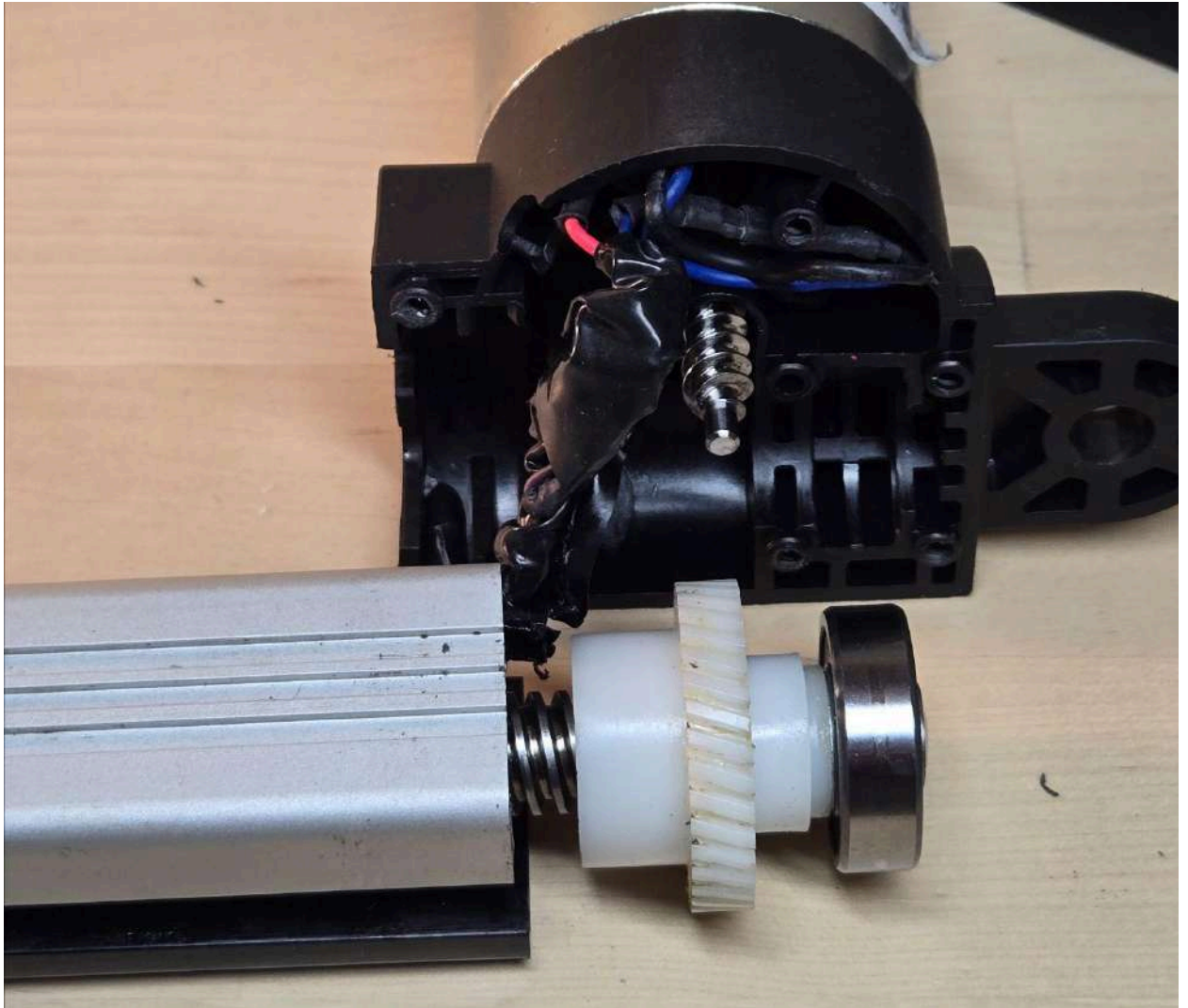
2. Remove 6 screws. These screws are quite long, I would recommend a cordless drill if it is available.



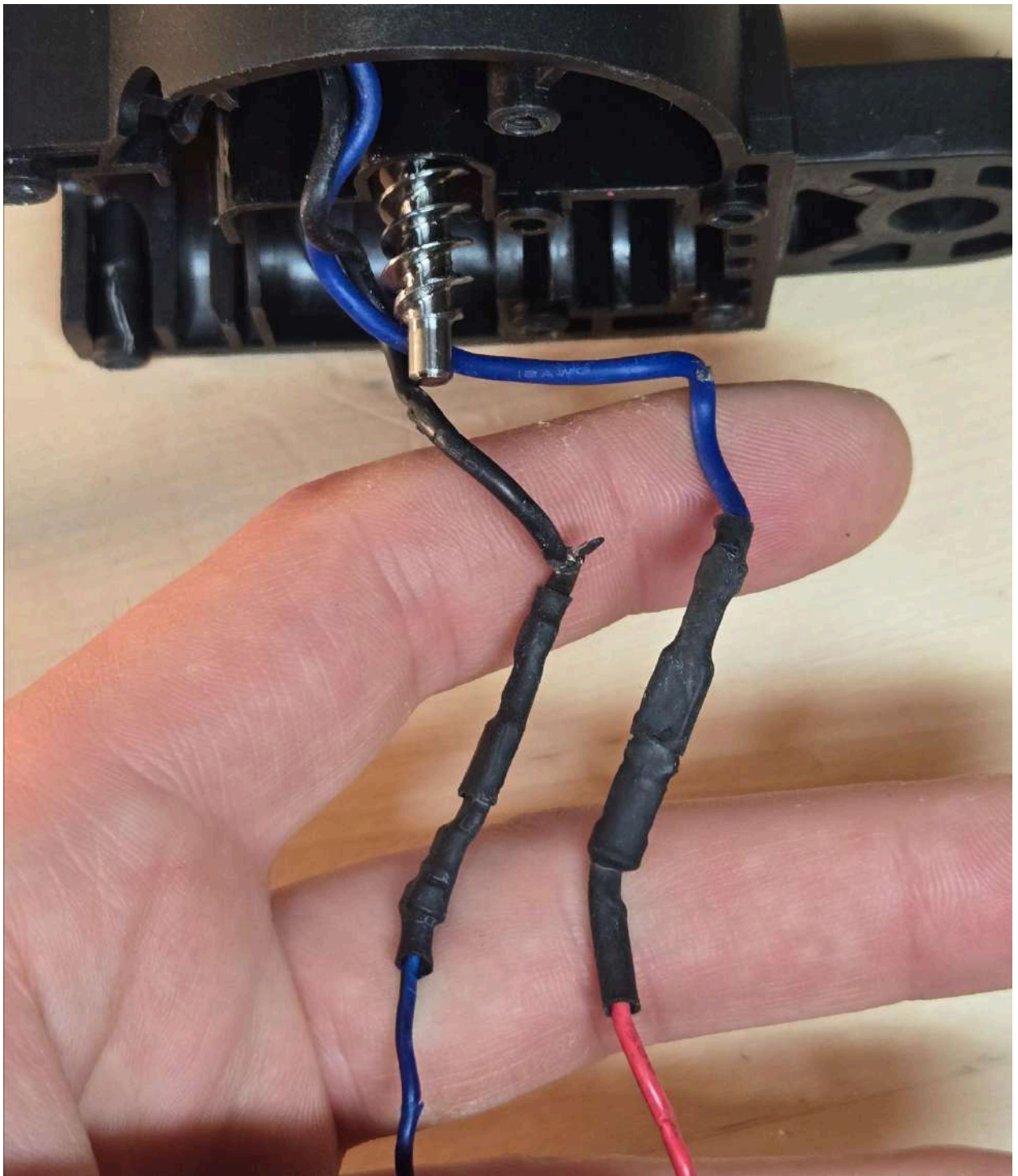
3. Remove gearbox cover. There are no clips holding it in place, only the fasteners that were just removed. Here is what that looks like:



4. Make sure the orientation of the aluminum rail remains in the same orientation throughout. It may be worthwhile to mark it with a marker or tape to not lose the orientation.
5. Rotate the plastic gear off of the worm gear. Do not yet disconnect the wires.

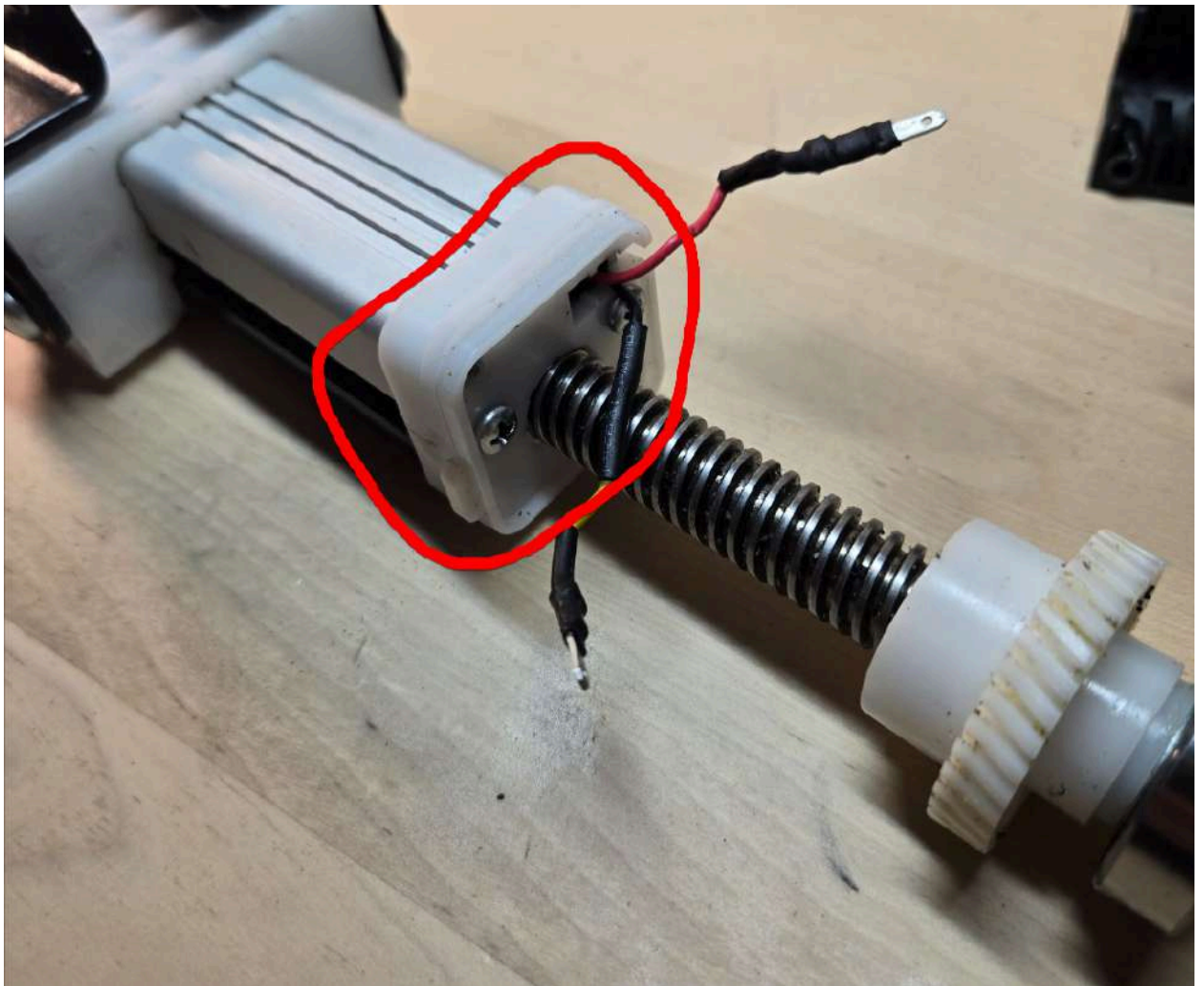


6. Be sure to take a picture or write down the coloring of the wires BEFORE disconnecting. The one in this manual was sent to me after being dismantled previously, so the colors in the photo below may not match yours exactly.

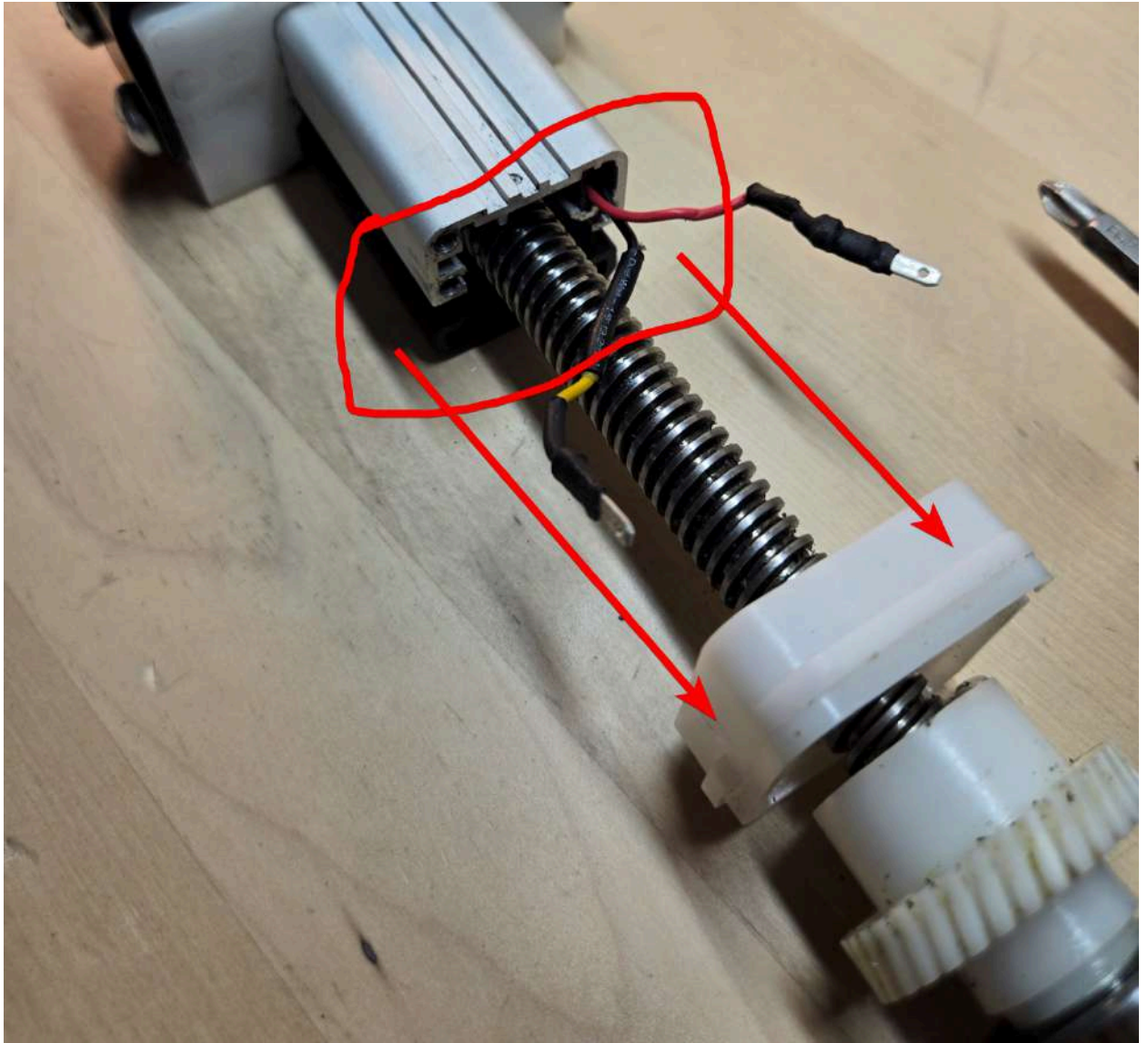


7. Disconnect the wires.

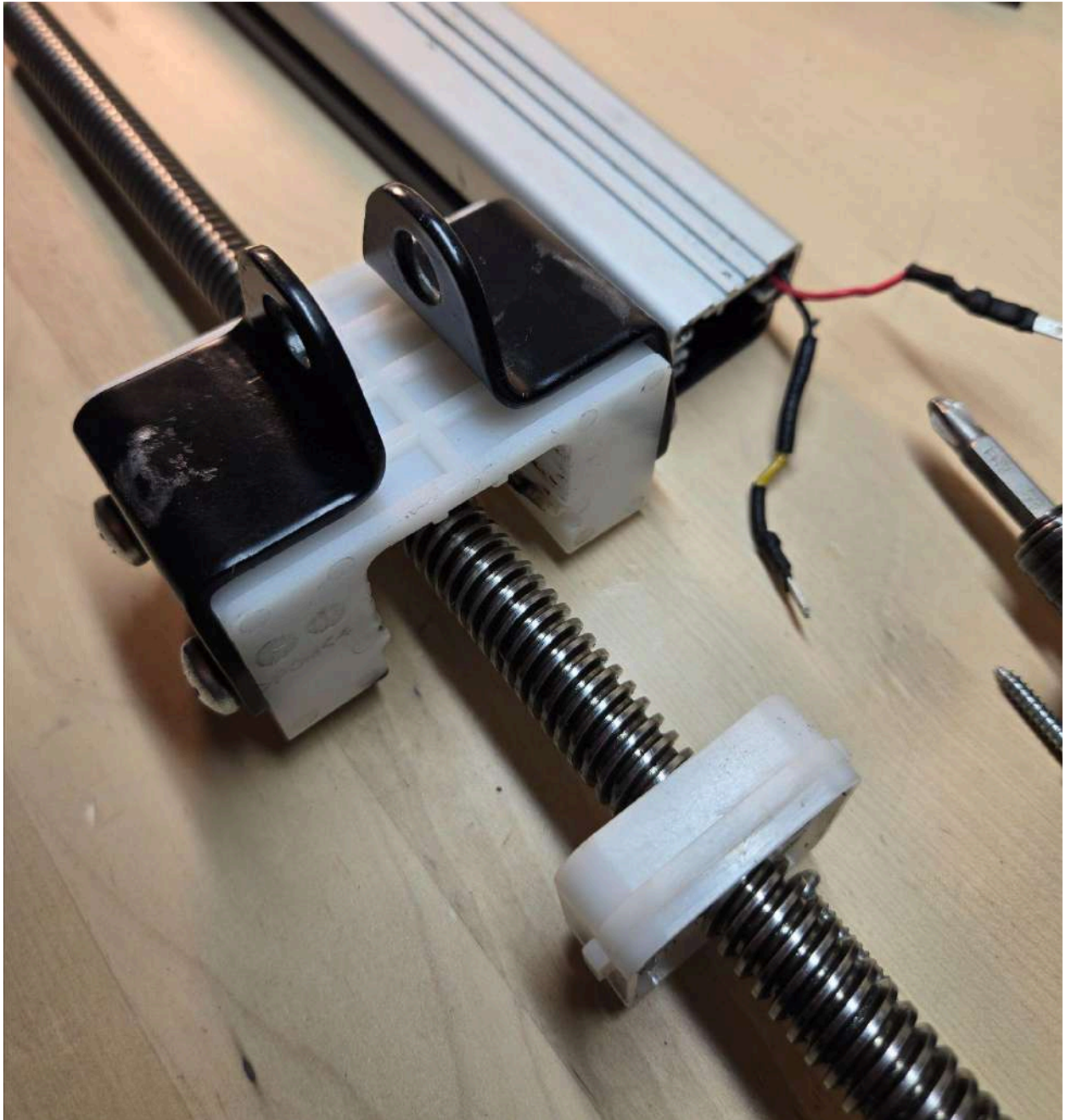
8. With the wires disconnected, and the rail now detached from the motor, you will need to remove the white retaining plate that holds the block within the limits of the rail. It is held on with 2 screws.



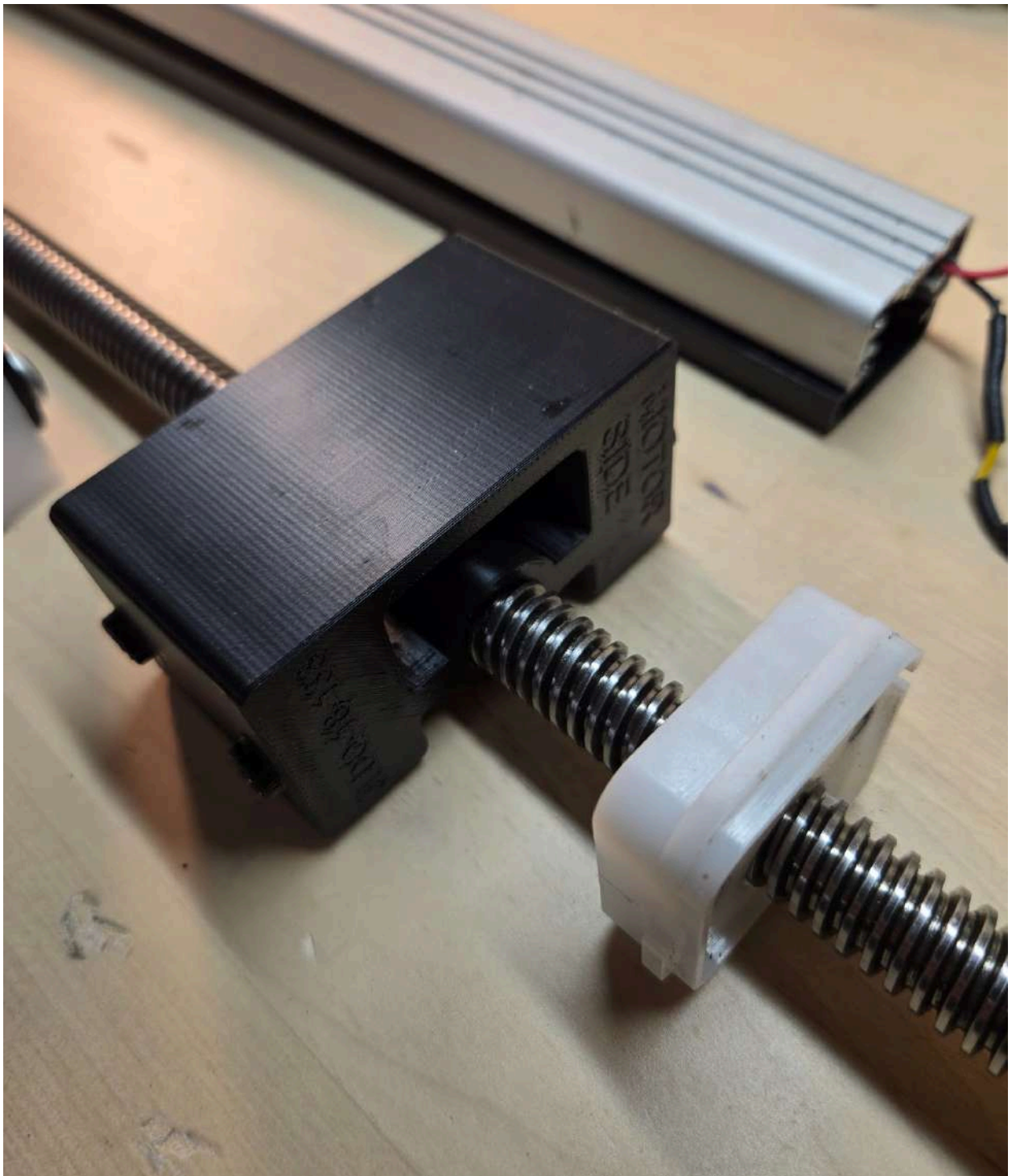
9. Slide the piece towards the plastic gear, and ensure the wires slot through the pass so they aren't pulled from the rail.



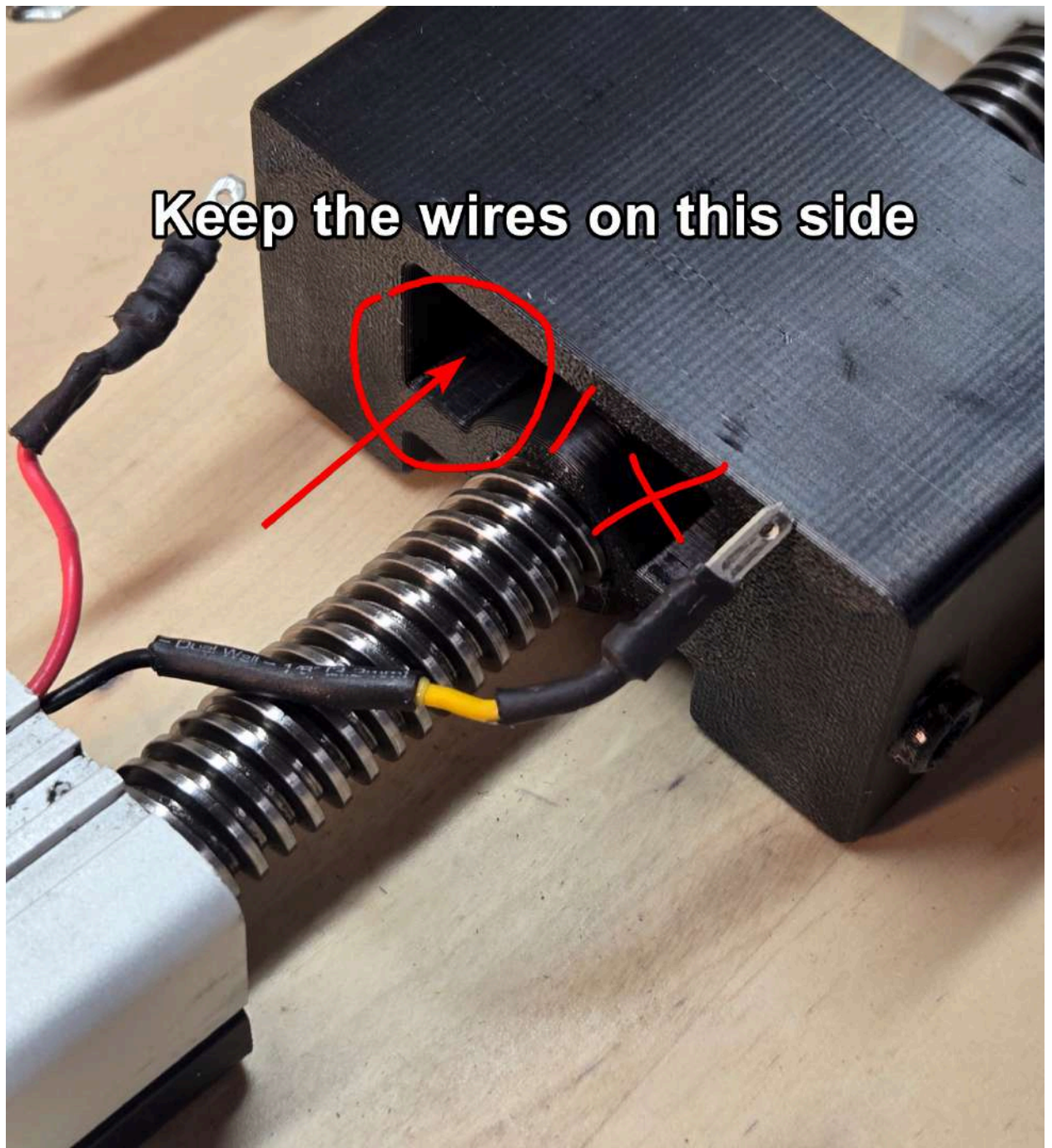
10. You can now pull the entire lead screw out of the aluminum rail assembly. Be careful to again slowly fish the wires through the broken block to ensure they are not damaged.



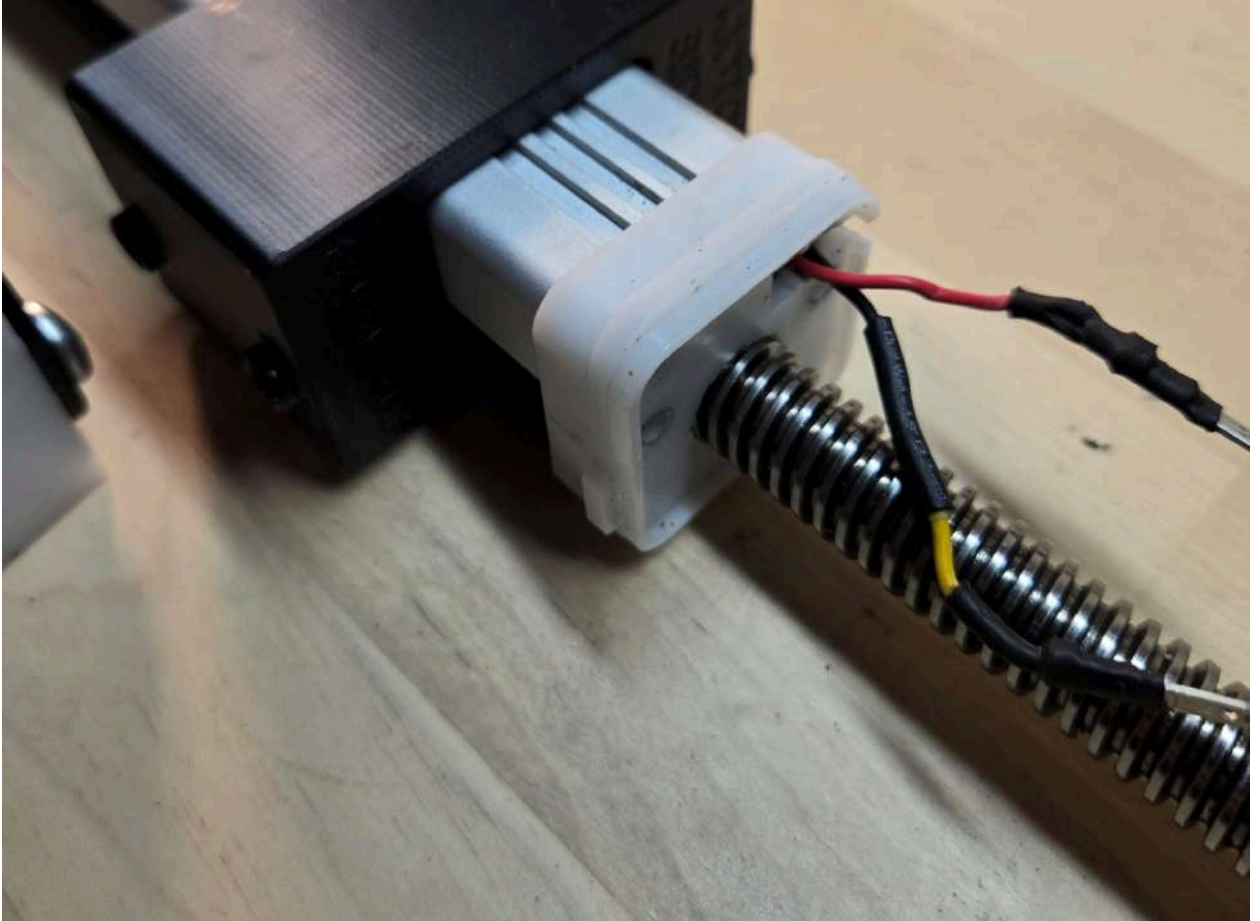
11. (Optional) At this time if you have some grease, you can apply it to the threads on the block so they will be spread around by the lead screw.
12. Place the new block on the aluminum rail, with the "MOTOR SIDE" text facing the motor.



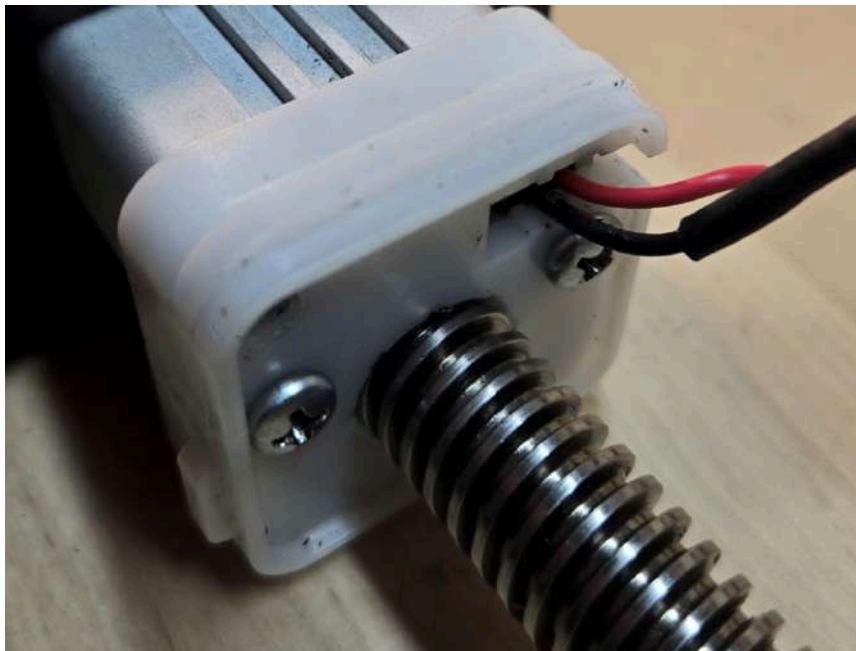
13. Similarly to fishing them out, slot the wires back through the new plastic block.



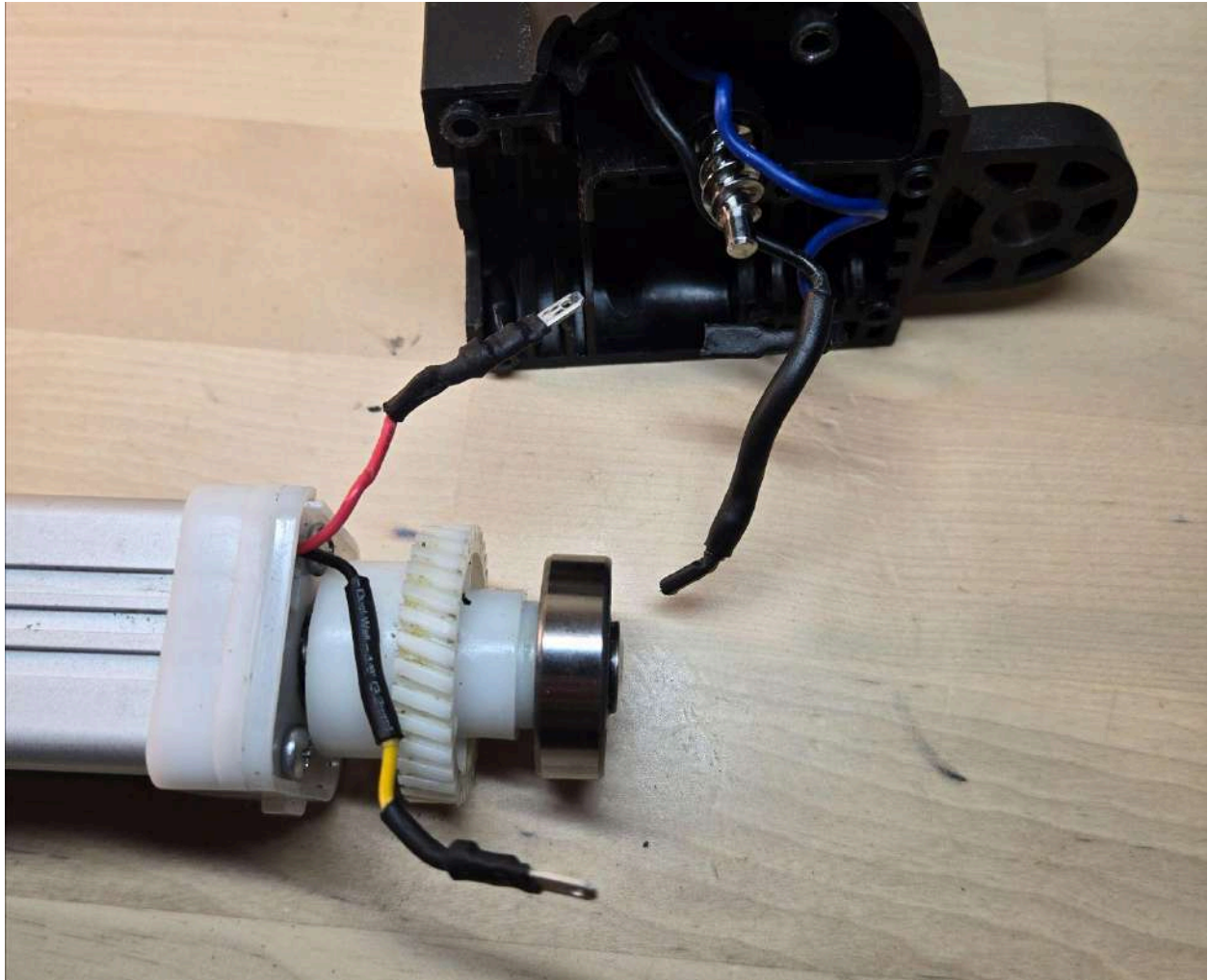
14. Slide the lead screw and new block onto the rail, and reposition the plastic white cap.



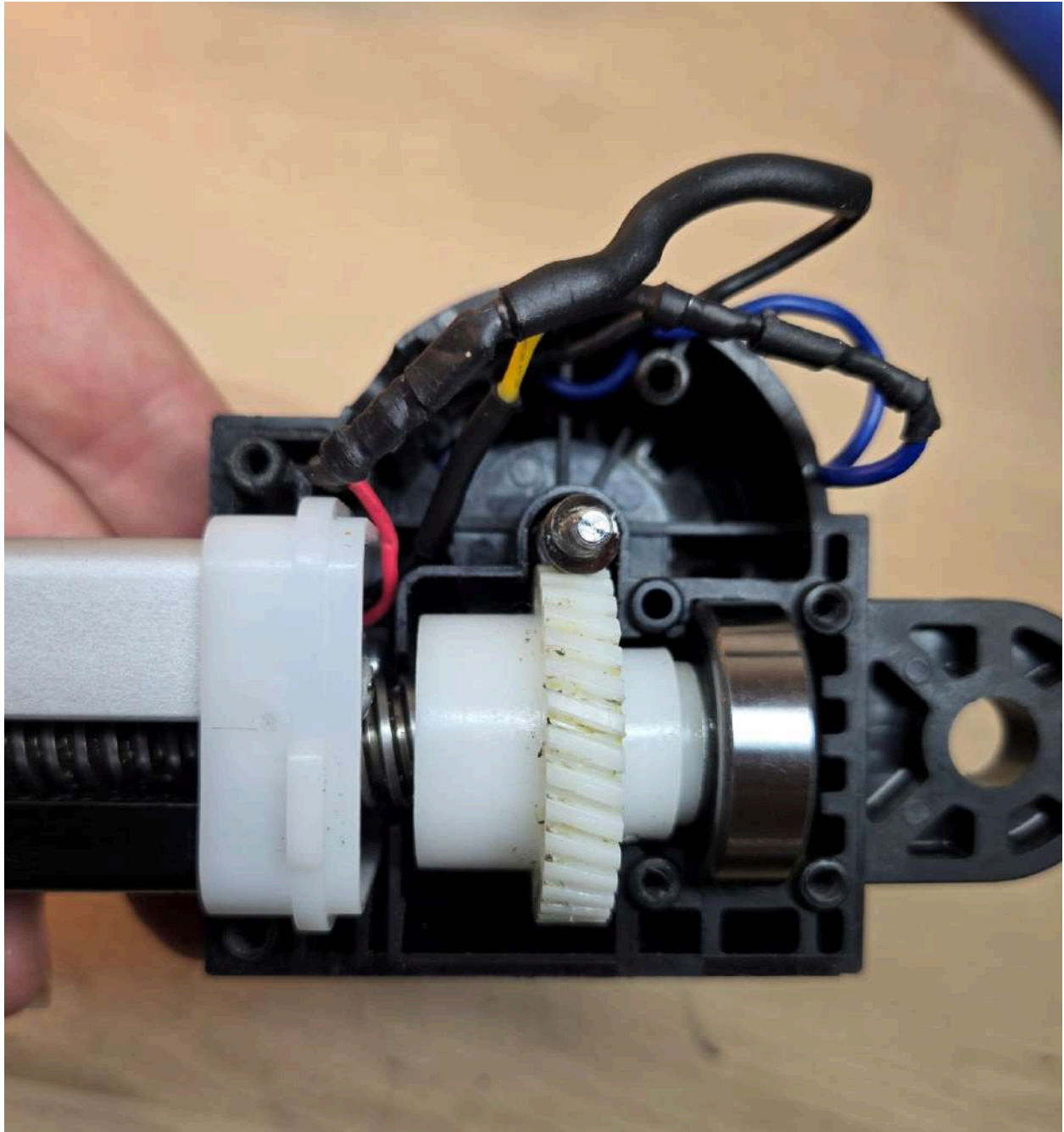
15. Add back the two screws holding the cap to the aluminum rail.



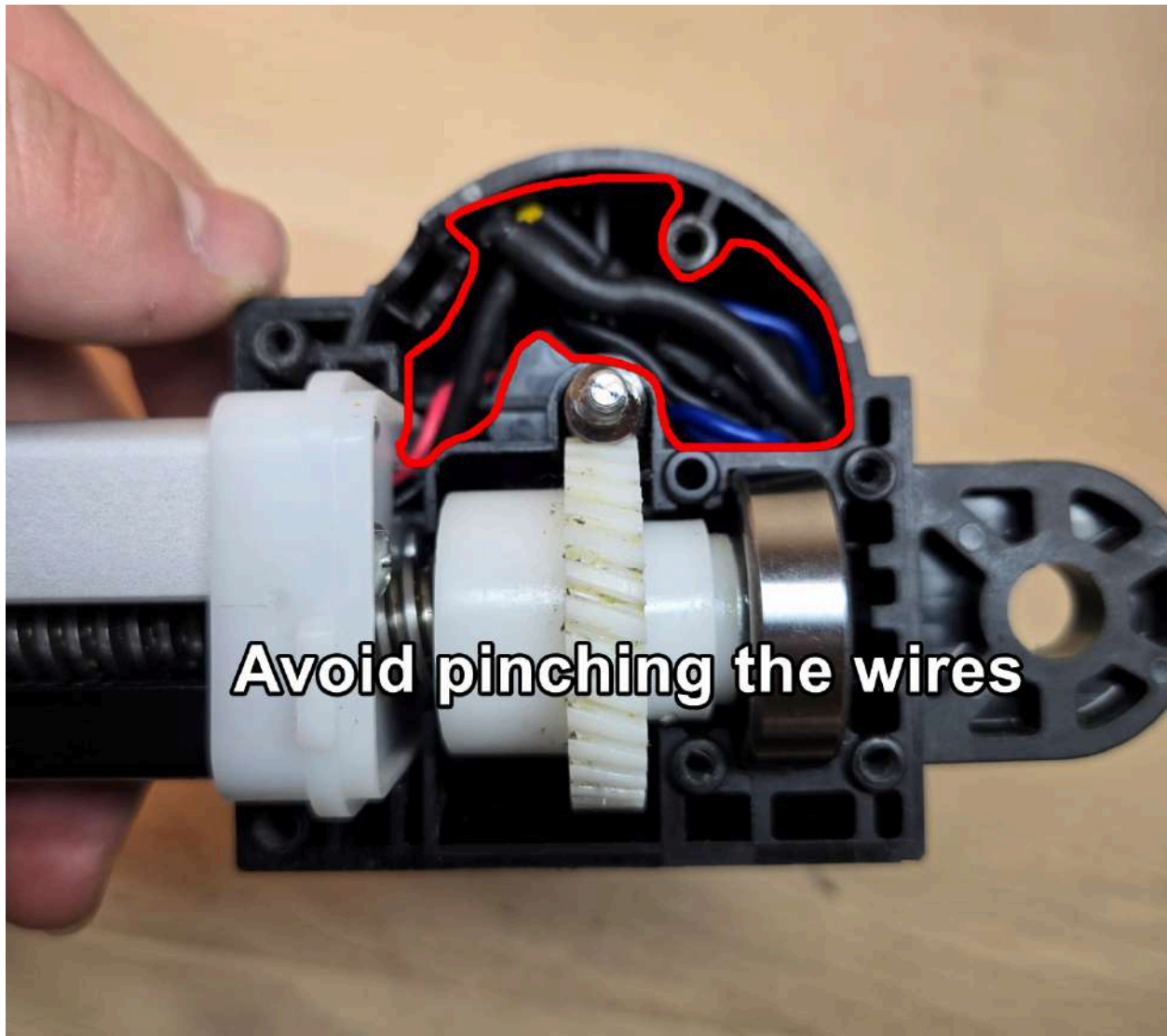
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18. Press the plastic gear, bearing, and rail back in the motor housing. This part can be finicky due to the rotation of the gear causing the lead screw to shorten in length.

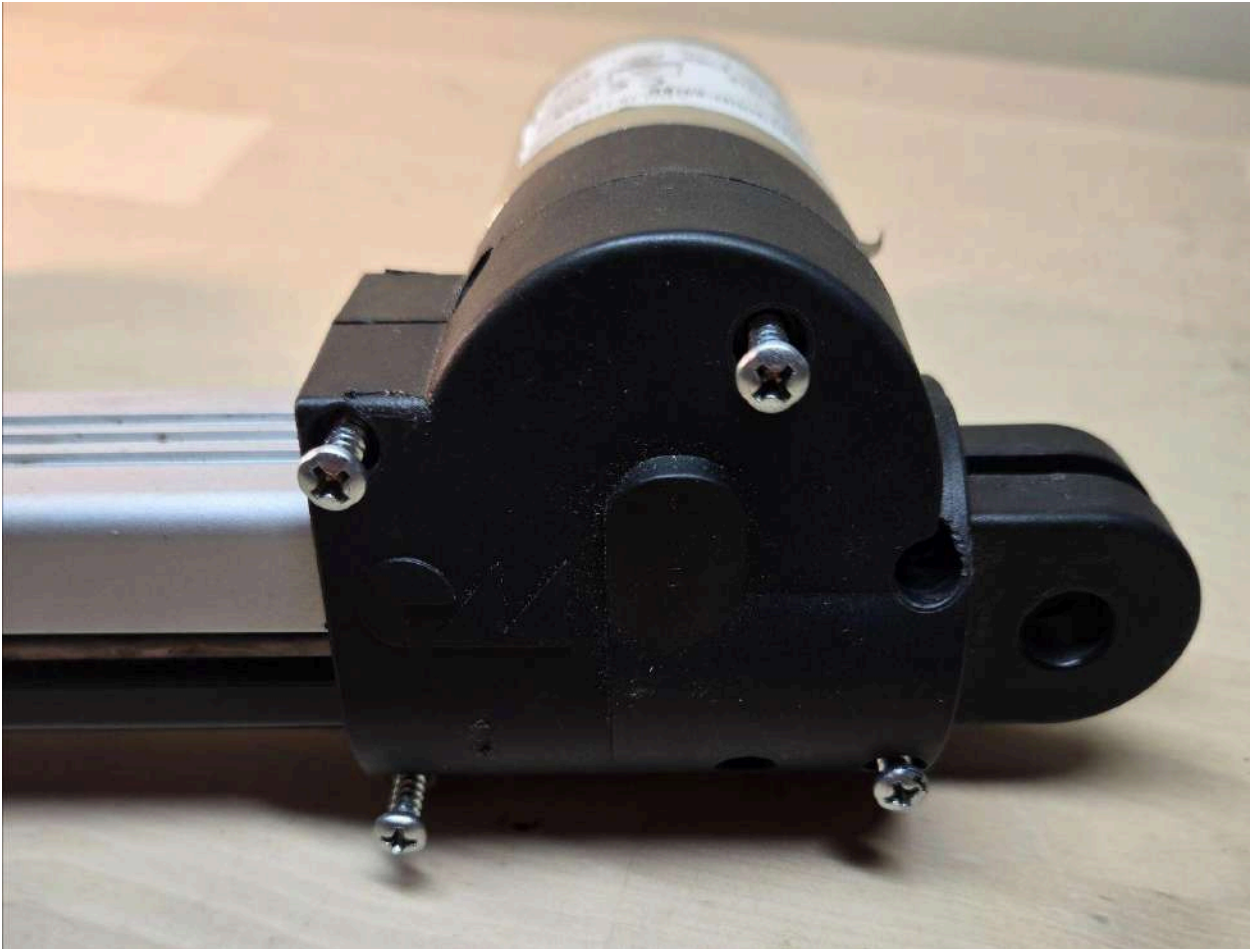


19. Get the wiring to fit back into the empty space made for it.

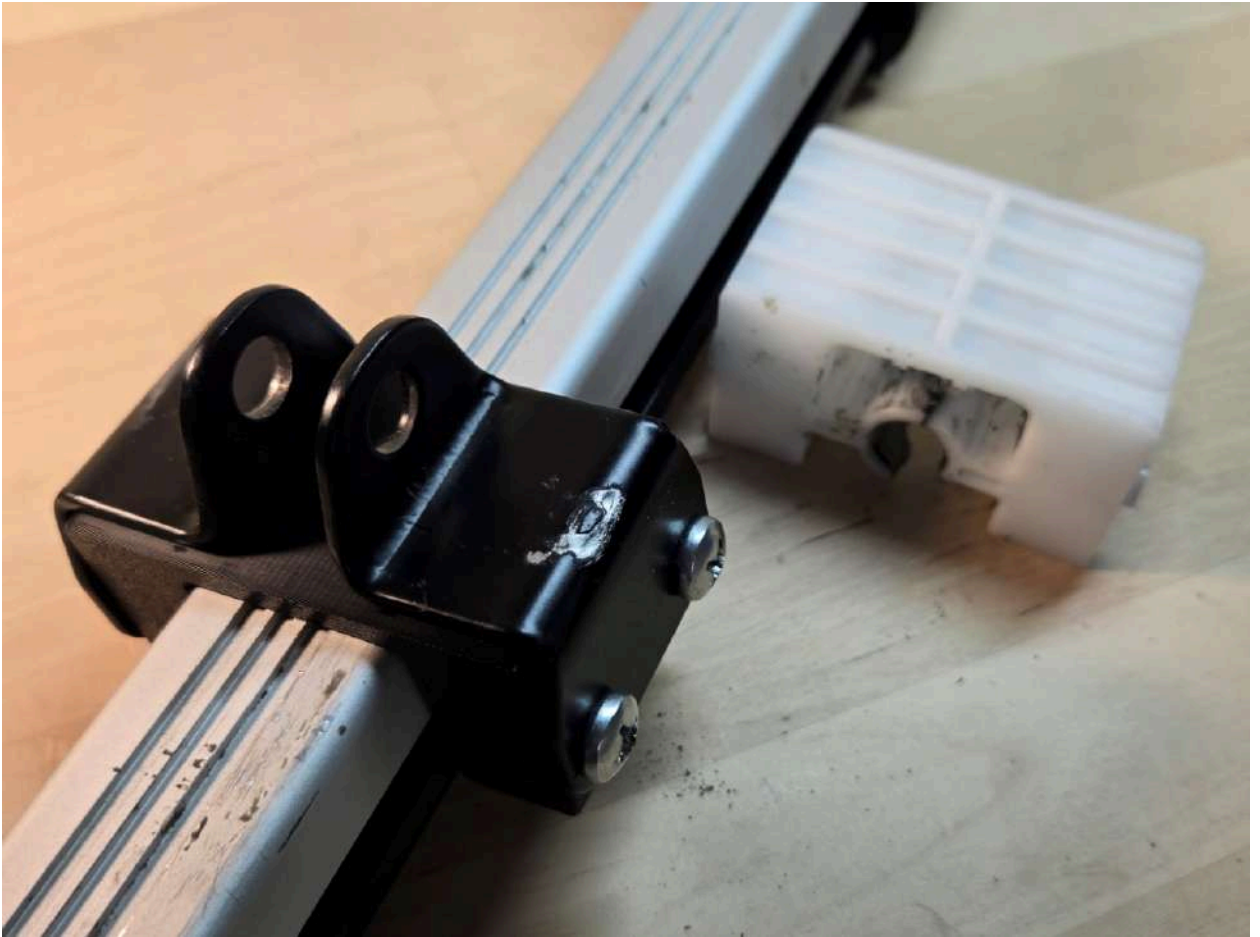


20. Do not pinch any of the cables in the gearbox housing. Doing this can potentially damage the wires.

21. Place the housing cover back on and tighten all of the fasteners again. (Reverse of step 2)



22. Transfer 2 metal plates and 4 screws onto the new block. Make sure the plates are facing the same way as pictured:



23. That concludes installation of the block into the assembly! Continue to the (generic) reinstallation guide below.

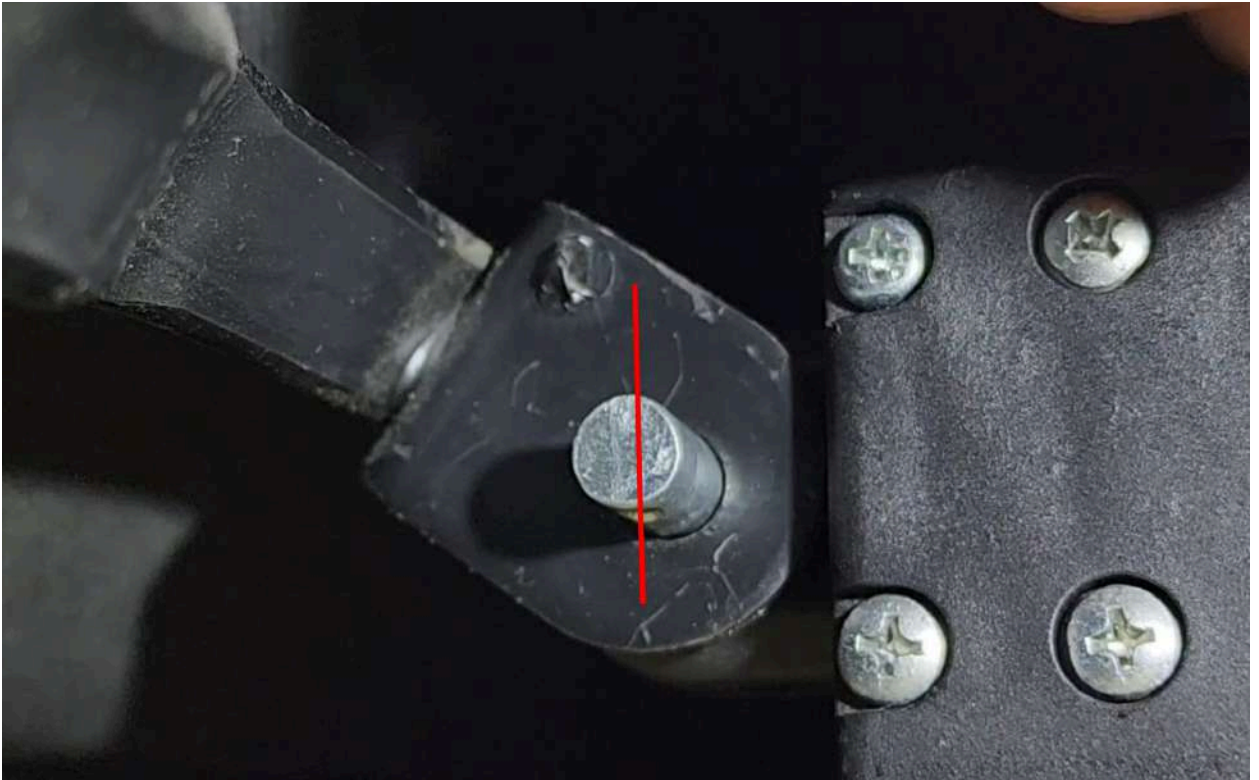
Reinstallation of the Motor Assembly

As stated in the removal, the models pictured in the reinstallation are not exactly the same as the instructions for replacing the block above. The reinstallation for the entire assembly should be generally in the opposite order of how you safely removed it from the couch before. This is a general guide that should apply to all recliners.

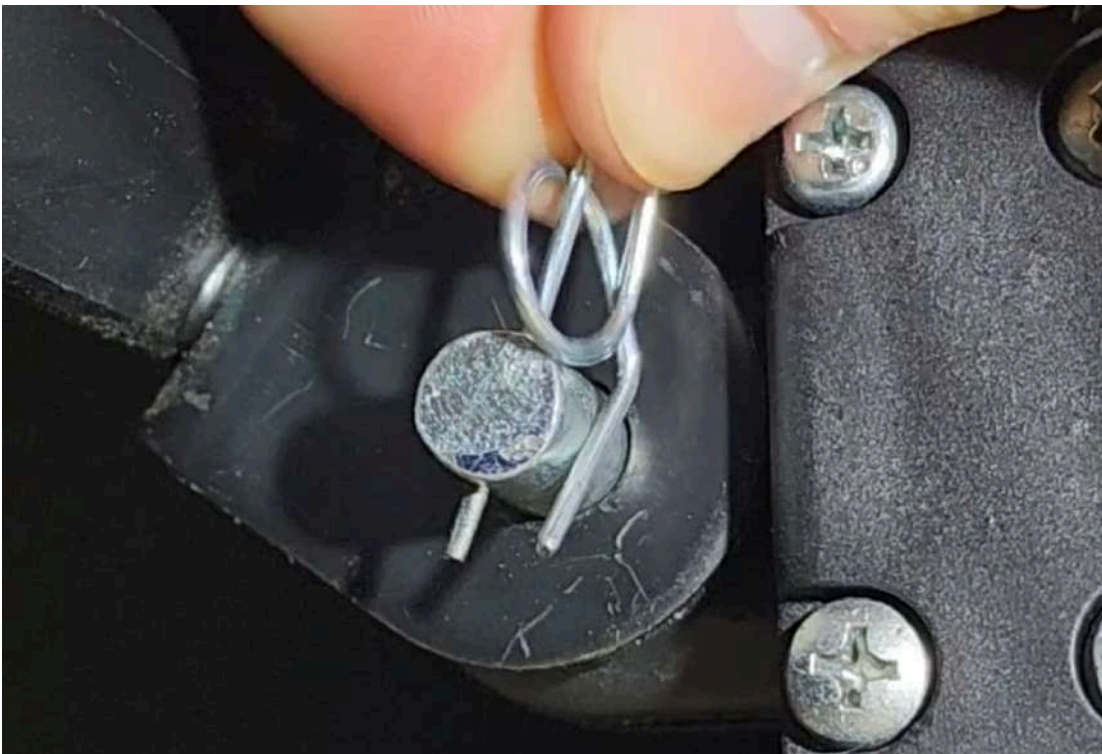
1. Before attaching either of the pins, the couch should still be unplugged from the wall.
2. Plug the two couch cables back into the motor.
3. Start with the rear pin, where the motor is. I found that resting the pin in the hole very shallowly helped with getting it through the two plates and assembly.



4. Make sure the hole in the main pin is roughly up/down so that the retaining ring pin can be pushed in easily.



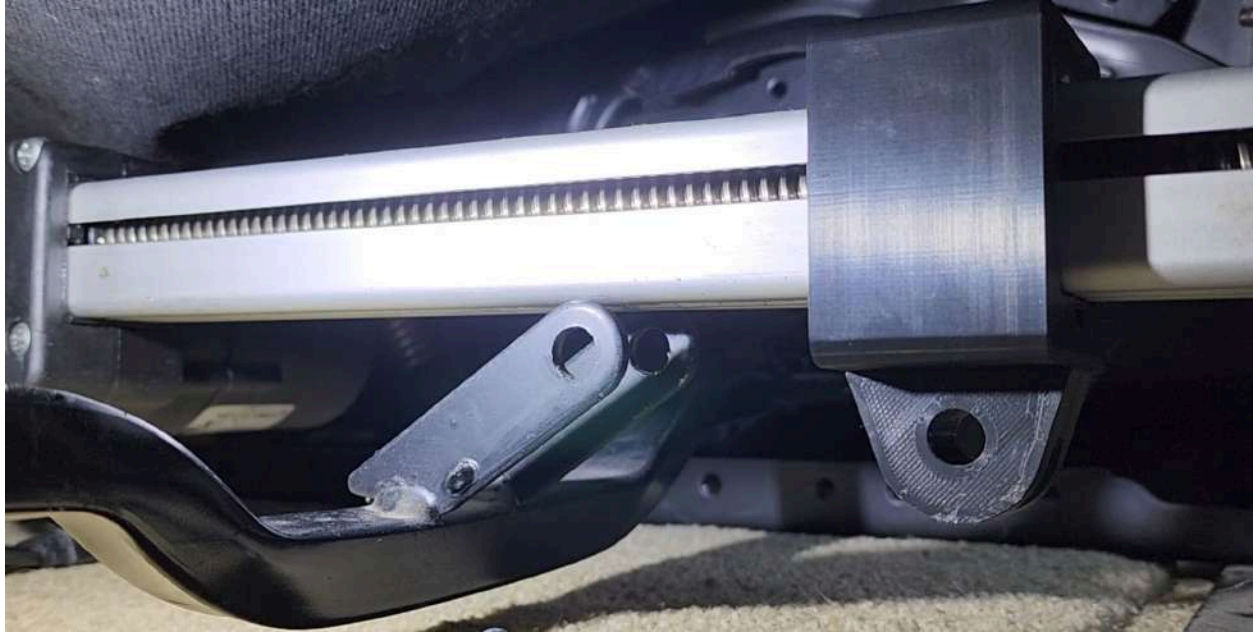
5. Push the retaining ring pin in, flat side through the hole.



6. Twist the retaining ring pin so that the ring snaps into the locked position on the main pin. It should look like this when complete.



7. Plug the couch into the wall.
 - a. Due to the moving position of the recliner (assuming you are laying under it), the block will not line up with the couch recliner holes at all.
 - b. Use the recliner buttons to move the block to the correct position for inserting the main pin.



8. Repeat the same insertion steps as the back main pin.



9. Retract the recliner to the seated position to ensure the motor will stop at both ends.
10. Repair is complete! Sit back and relax, now that you can kick your feet up.