

Rover Camera Mount Assembly
Jackson State University MARRS STEM Workshop
February 27, 2021

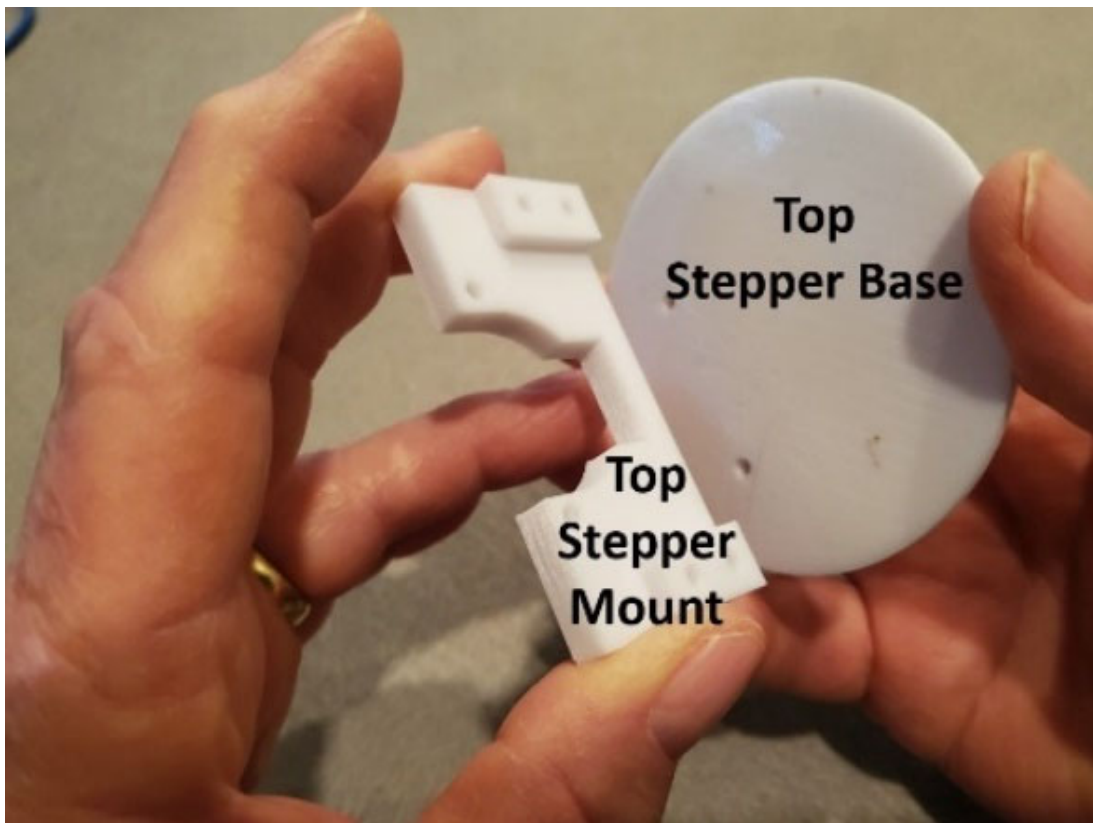
Objective: Complete the Camera Mount assembly and process successfully.

Tools and materials: Needle nose pliers, Phillip's screwdriver, camera parts kit.

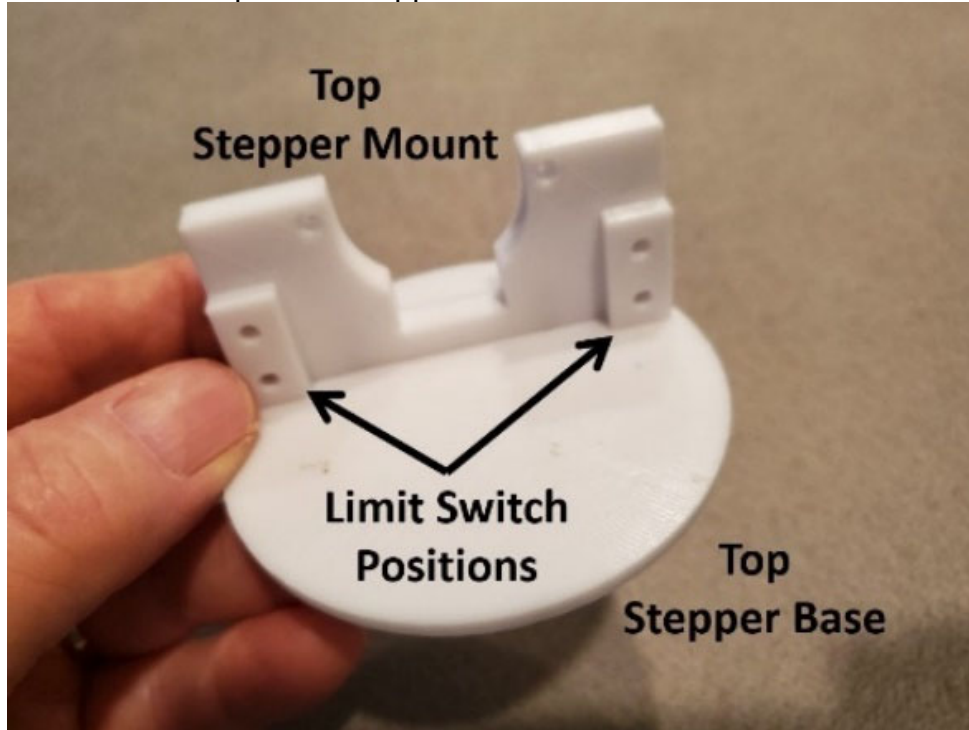
5. Camera Top Assembly

(1) Attach the top stepper mount to the top stepper base.

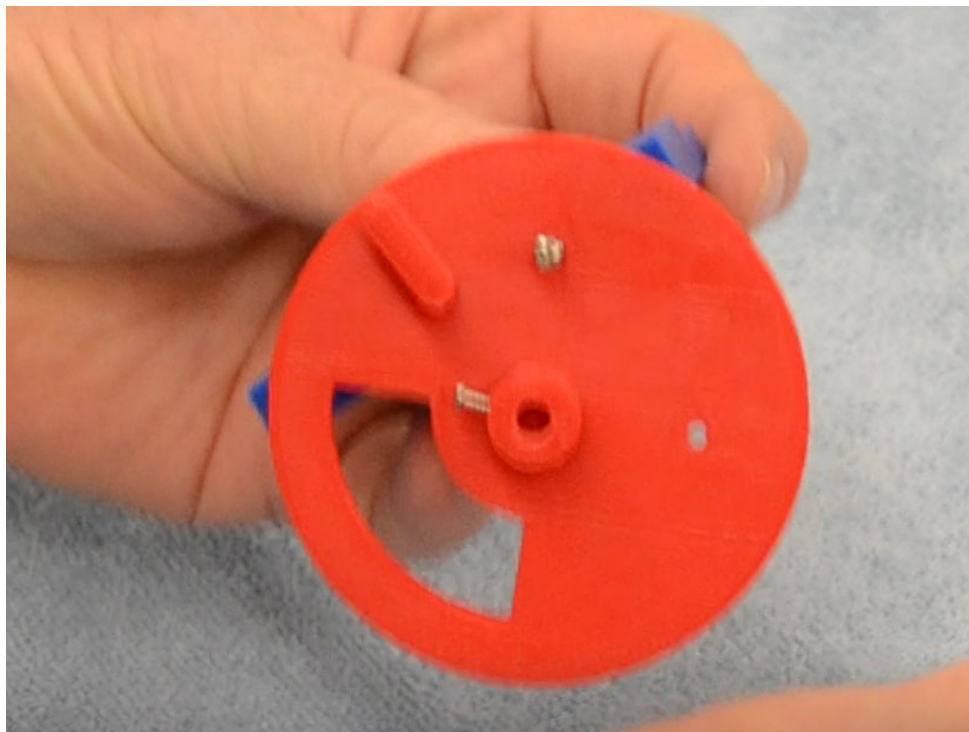
Note: The holes for the top camera mount are pre-drilled. Observe the orientation to the top stepper mount and the top stepper base..



- (2) When the top stepper mount and stepper based are assembled correctly the limit switch “pads” will appear as shown below.



- (3) Place the top stepper base to the bottom stepper motor shaft. The top stepper base has a hole and set screw to secure it to the bottom stepper motor shaft as shown.



(4) There is a “flat” area on the motor shaft. The flat should be aligned with the set screw.

