

# Tech Tip

FROM YOUR FRIENDS AT  
NEW YORK BUS SALES!



## Microbird Entrance Door Motor Replacement

- Complaint –** We are replacing the electric door motor on our Microbird and it doesn't appear as simply unbolting and reinstalling a new motor
- Cause –** There are some other items which need to be removed and marks made to the parts removed so that when reassembled the door will need minimal adjustment.
- Correction –** Microbird has released the attached instructions on replacement of the motor.

*Contact Our Service Department With Any Questions*

**CHITTENANGO** – phone 800-962-5768 or

Daryl Wallace : [dwallace@newyorkbussales.com](mailto:dwallace@newyorkbussales.com)

Brian Lamaitis : [blamaitis@newyorkbussales.com](mailto:blamaitis@newyorkbussales.com)

**ROCHESTER** – phone 800-463-3232 or

Gary Chichester: [gchichester@newyorkbussales.com](mailto:gchichester@newyorkbussales.com)

**ALBANY** – phone 866-867-1100 or

Ben Reiling: [breiling@newyorkbussales.com](mailto:breiling@newyorkbussales.com)

**WARRANTY** – 800-962-5768 ext 237

Morgan Jenkins: [mjenkins@newyorkbussales.com](mailto:mjenkins@newyorkbussales.com)

*Or Your Customer Support Representative*

*West*

Michael Panzica – [mpanzica@newyorkbussales.com](mailto:mpanzica@newyorkbussales.com)

Cell 716-908-3186

*Central*

Jeremie “JJ” Richmond –

[jjrichmond@newyorkbussales.com](mailto:jjrichmond@newyorkbussales.com)

Cell 315-559-3999

*East*

Gary Bigness – [gbigness@newyorkbussales.com](mailto:gbigness@newyorkbussales.com)

Cell 845-500-3707



**NEW YORK BUS SALES**

ALL of our Tech Tips can be found on the New York Bus Sales website at

<http://www.newyorkbussales.com/pages/bulletins.cfm>

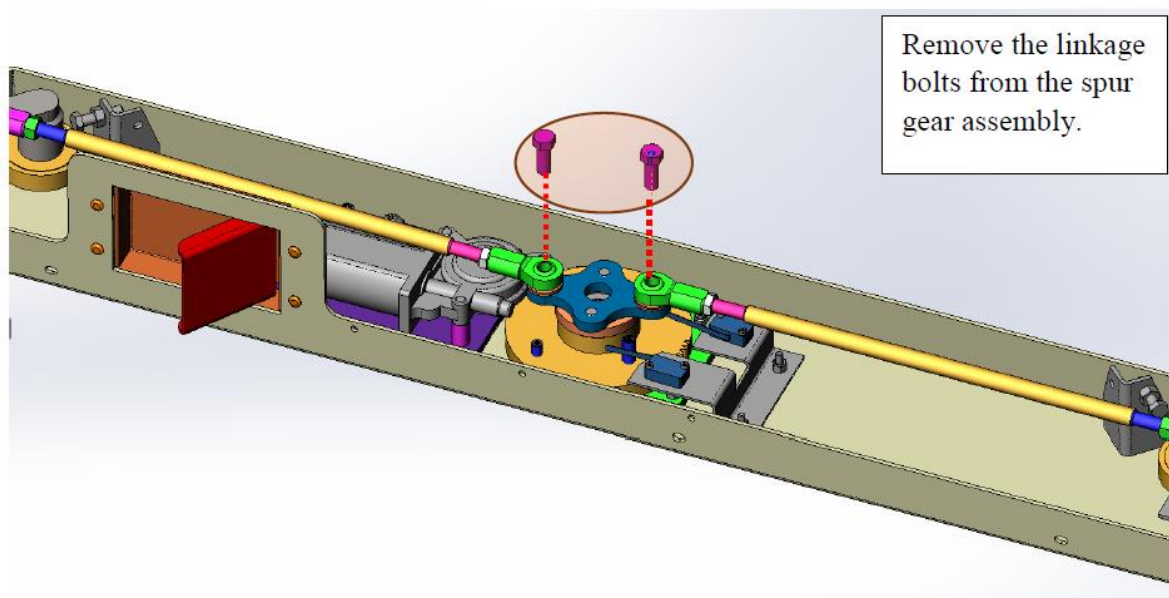
Or at the New York Head Mechanic website at

<http://www.nvhma.org/viewforum.php?f=2&start=0>

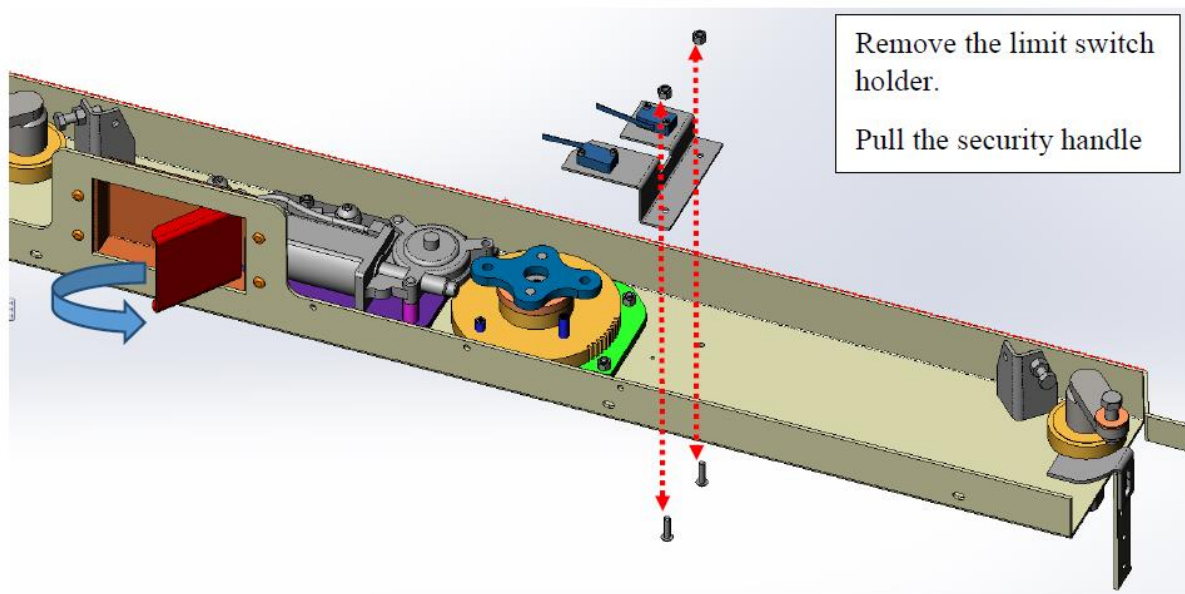
## ENTRANCE DOOR MOTOR REPLACEMENT INSTRUCTIONS

To replace a defective entrance door motor, start by removing the head pad above the doors and proceed to the following instructions. The process will take approximately 1 hour.

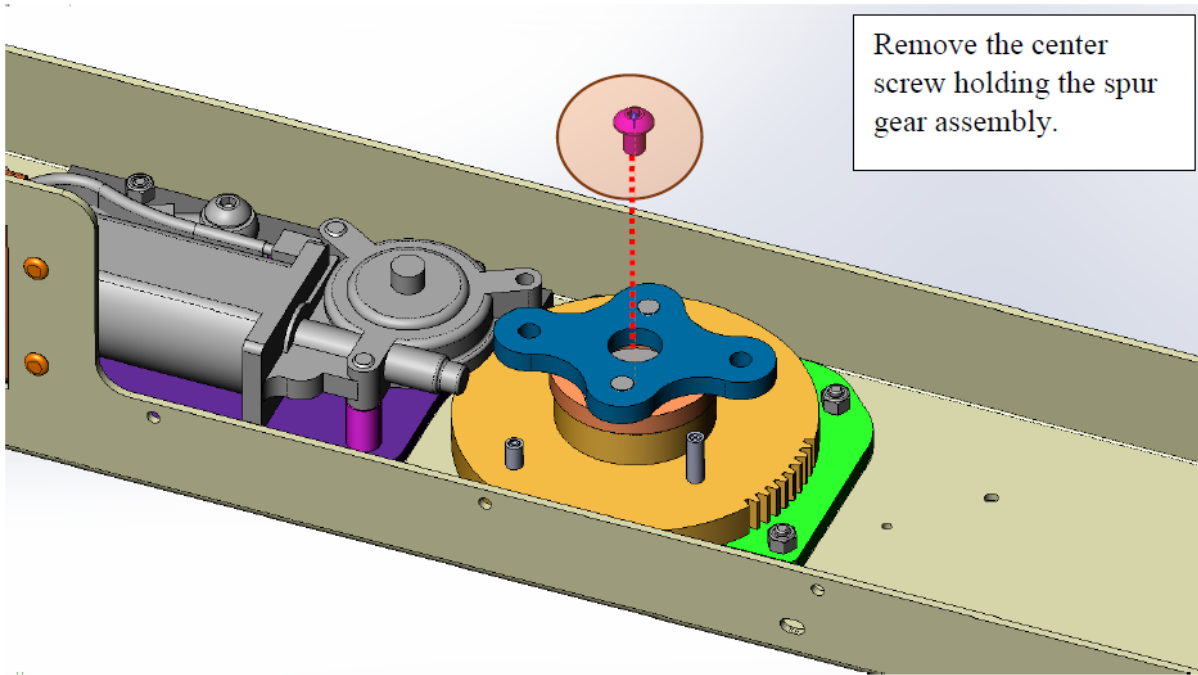
### STEP 1 :



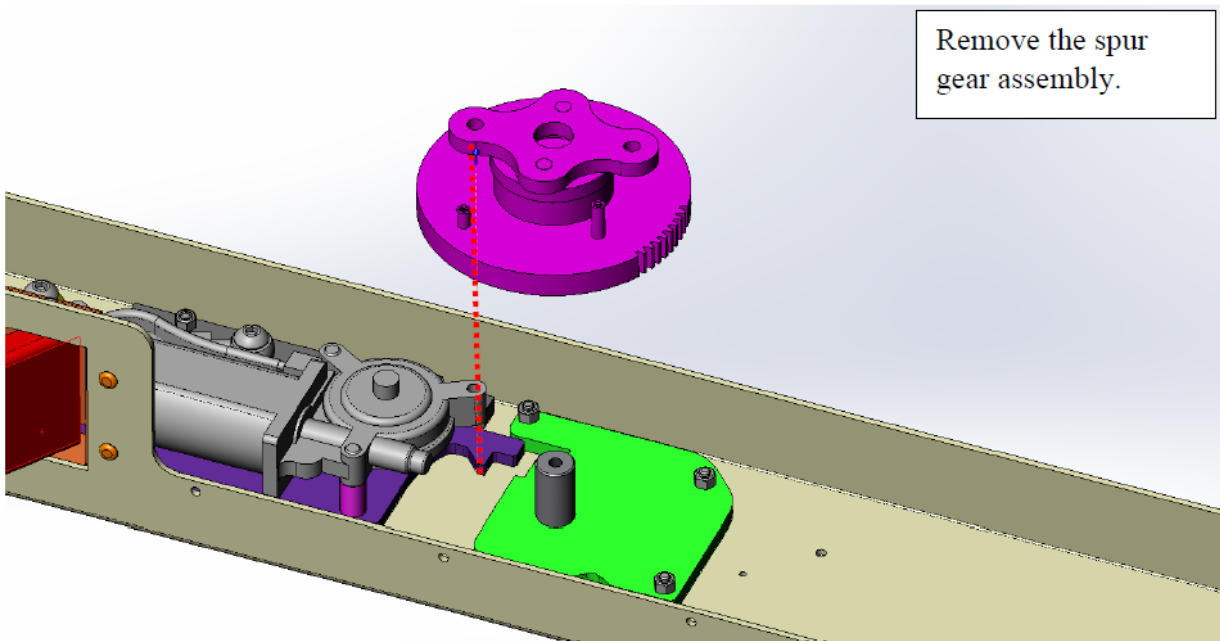
### STEP 2 :



**STEP 3 :**

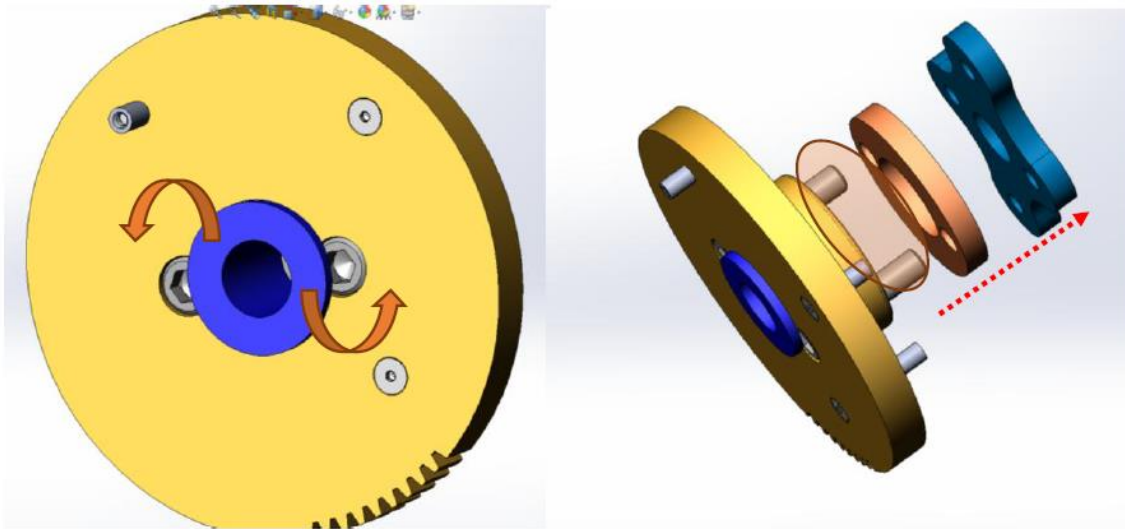


**STEP 4 :**



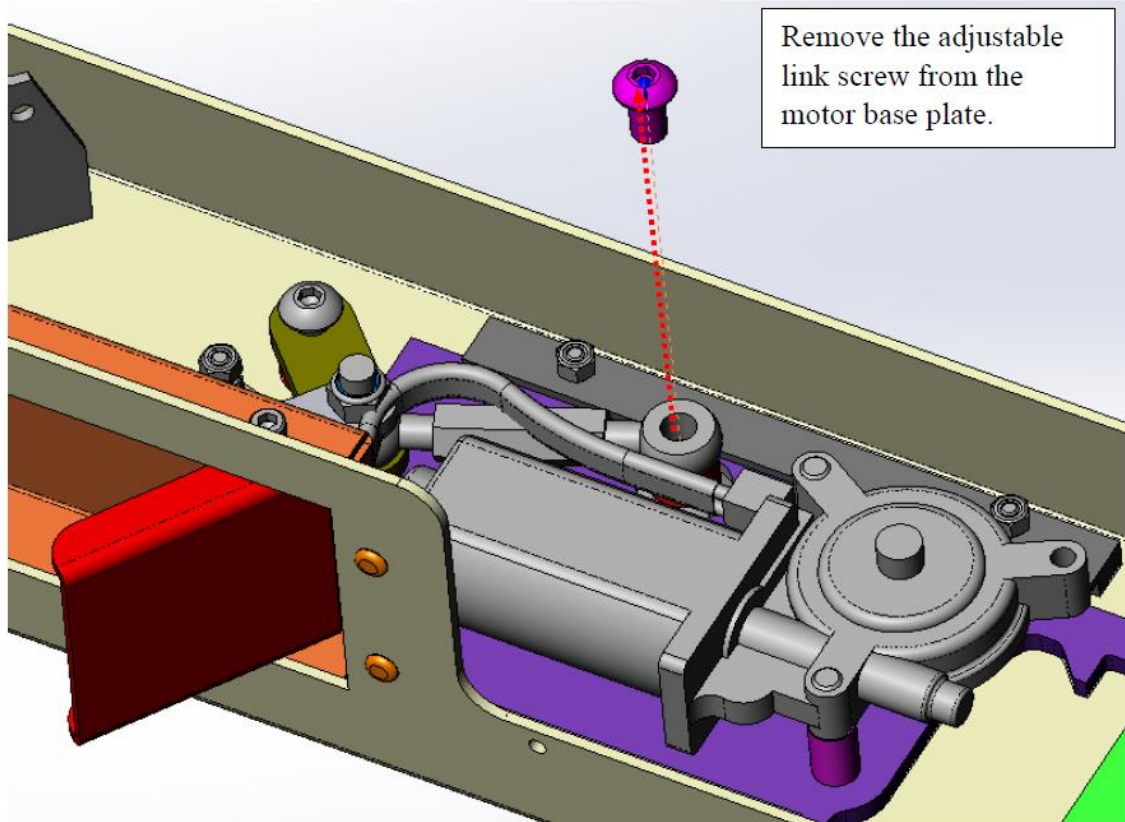
**STEP 5 :**

Alternately loosen the assembly screws a little bit at a time until the top plate dismantles.



**STEP 6 :**

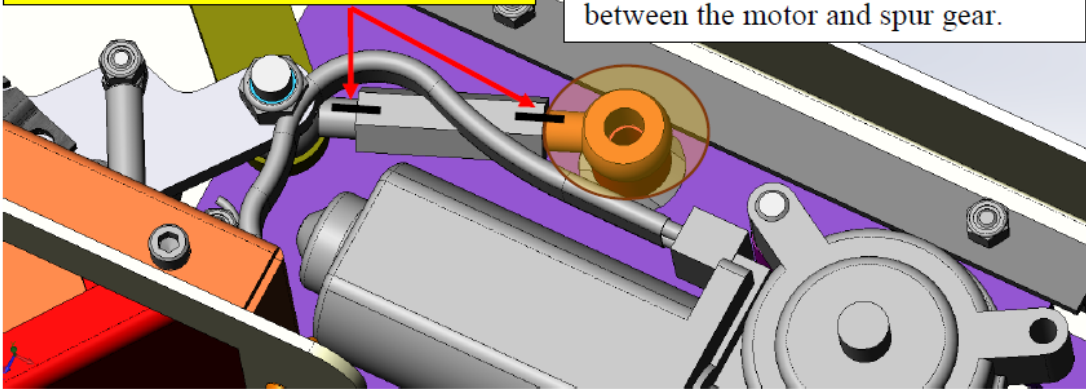
Remove the adjustable link screw from the motor base plate.



**STEP 7 :**

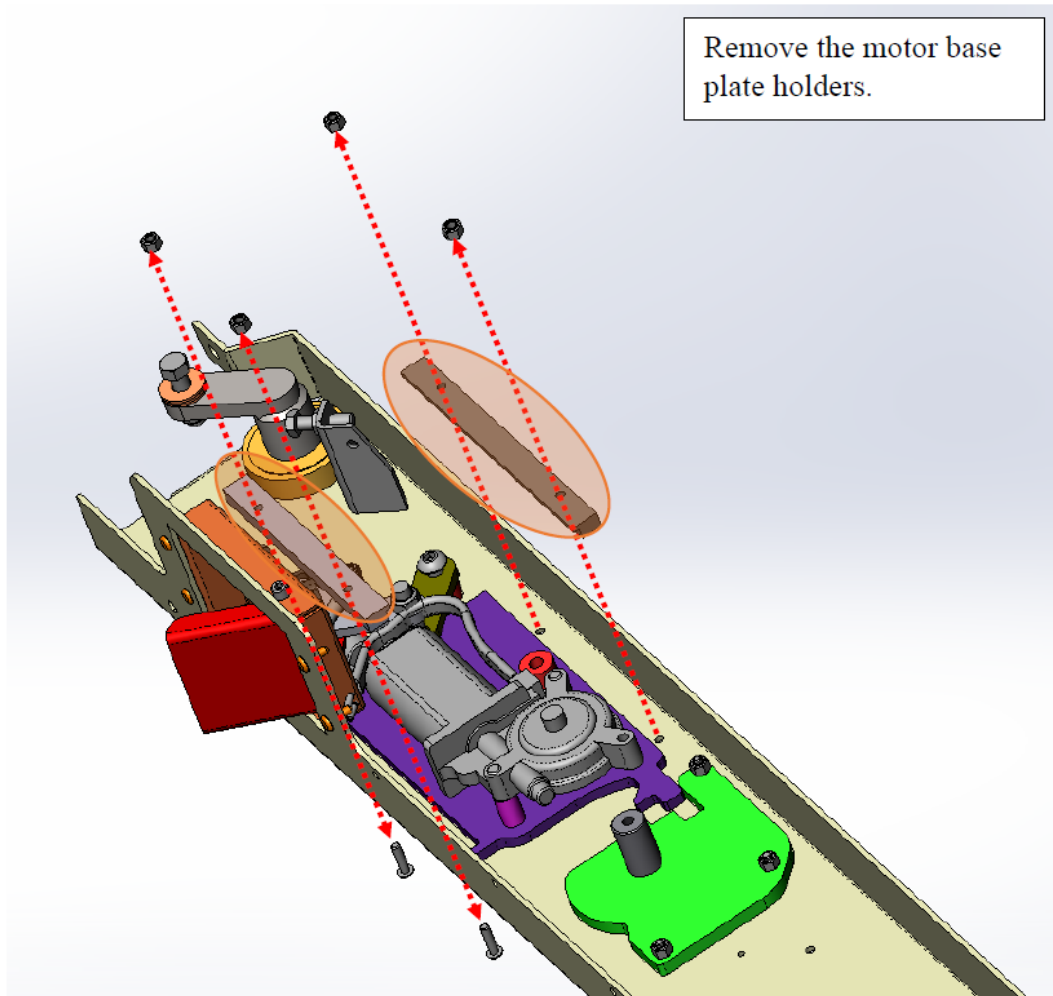
Draw lines on the adjustable parts to make sure they are correctly aligned when reassembled.

Make sure not to screw or unscrew the eyebolts of the adjustable link. This could misadjust the spacing between the motor and spur gear.

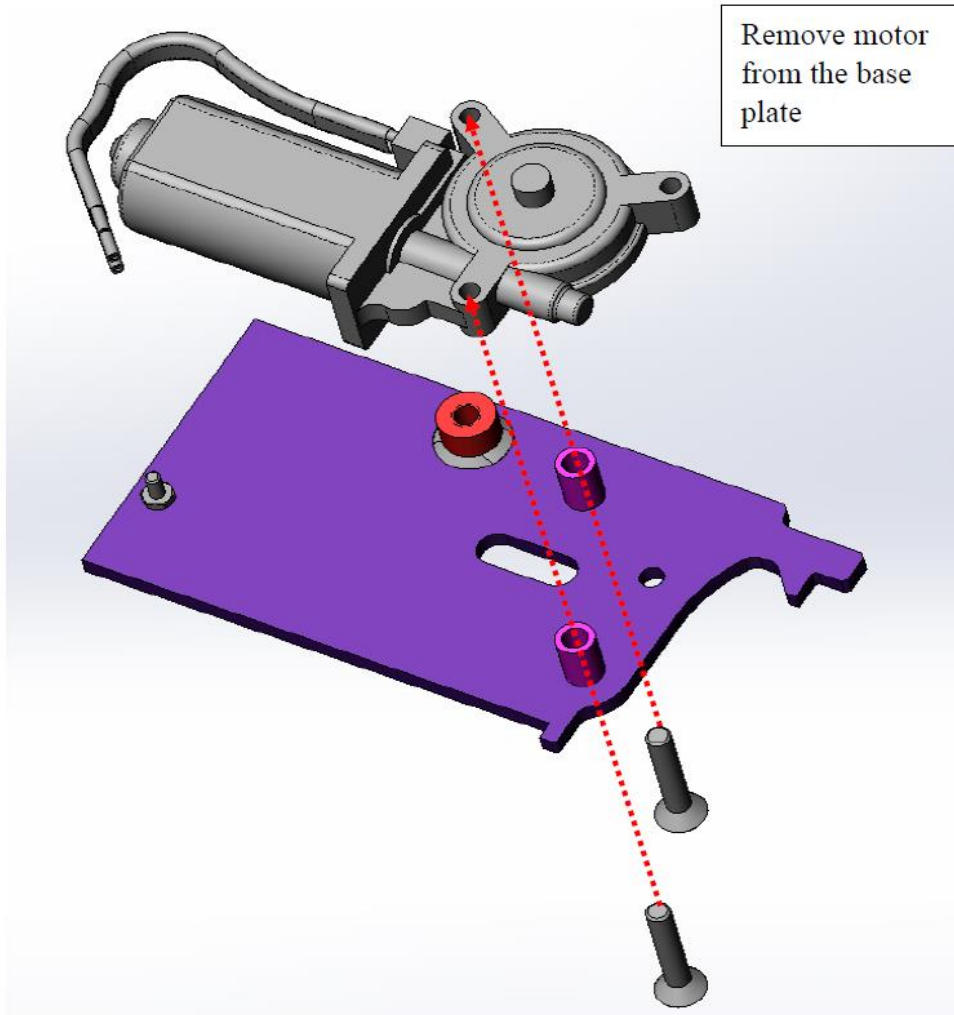


**STEP 8 :**

Remove the motor base plate holders.



**STEP 9 :**



Remove all threadlocker residues from the bolts, screws and threaded plate with a small steel brush.

Apply new threadlocker ( Loctite 272 RED) and reassemble. Make sure all bolts and screws are firmly tightened.



\*\*\* Make sure to use the RED loctite 272. Any other type of Loctite will not be efficient to keep all parts secured.