

With thanks toDC\_1 (formerly Sydmoe) of DC.com

I tore my car apart for a long over due restoration of a lot of details that were never done 15+ years ago when the body and paint was done.

Since my vent windows needed rechroming I though I would tear he doors apart while I was at it and rebuild the window regulators and motors.

I know you can buy new widow motors from anywhere between \$50-80 depending on where you look but mine were working fine.

They just looked pretty beat up.

I thought to be safe, if I was going to clean them up I better tear them apart and try and service what I could.

Here is a before picture so you can see what I began with.



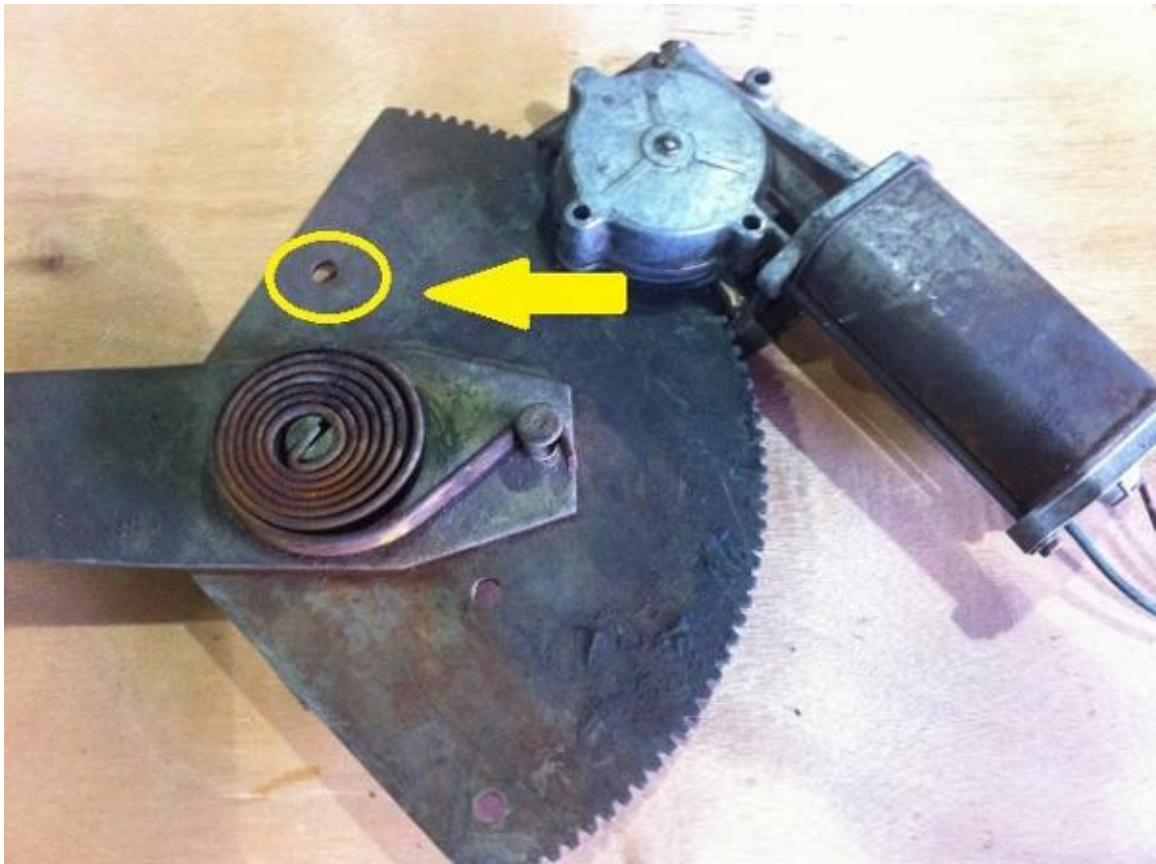


**\*\*\*\*\*WORD OF CAUTION\*\*\*\*\*** I highlighted in yellow the hole where I placed a screwdriver so the recoil spring wouldn't remove my fingers when I unbolted the motor.

**Make sure to power the motor on the bench using a battery charger and grounding to the motor to make it move to the desirable location so you can put the screwdriver in the hole.**

**Please be careful when removing the motor while there is still tension on the spring.**

**Once the motor is off you can slowly rotate the arm while maintaining pressure to keep it from spinning uncontrollably.**



**I disassembled everything and took pictures of everything I had.**









**I cleaned everything up using a combination of degreaser, wire wheel, bead blaster, Dremel rotary tool and old fashion scrubbing.**







**I used electrical cleaner to clean the part that had dust and dirt from the power contacts.**

**I used my Dremel with an abrasive end to clean the contact brushes and blew everything**

**clean with compressed air.**





**I gave all the bare metal parts a couple coats of etch primer and let them dry over night.**

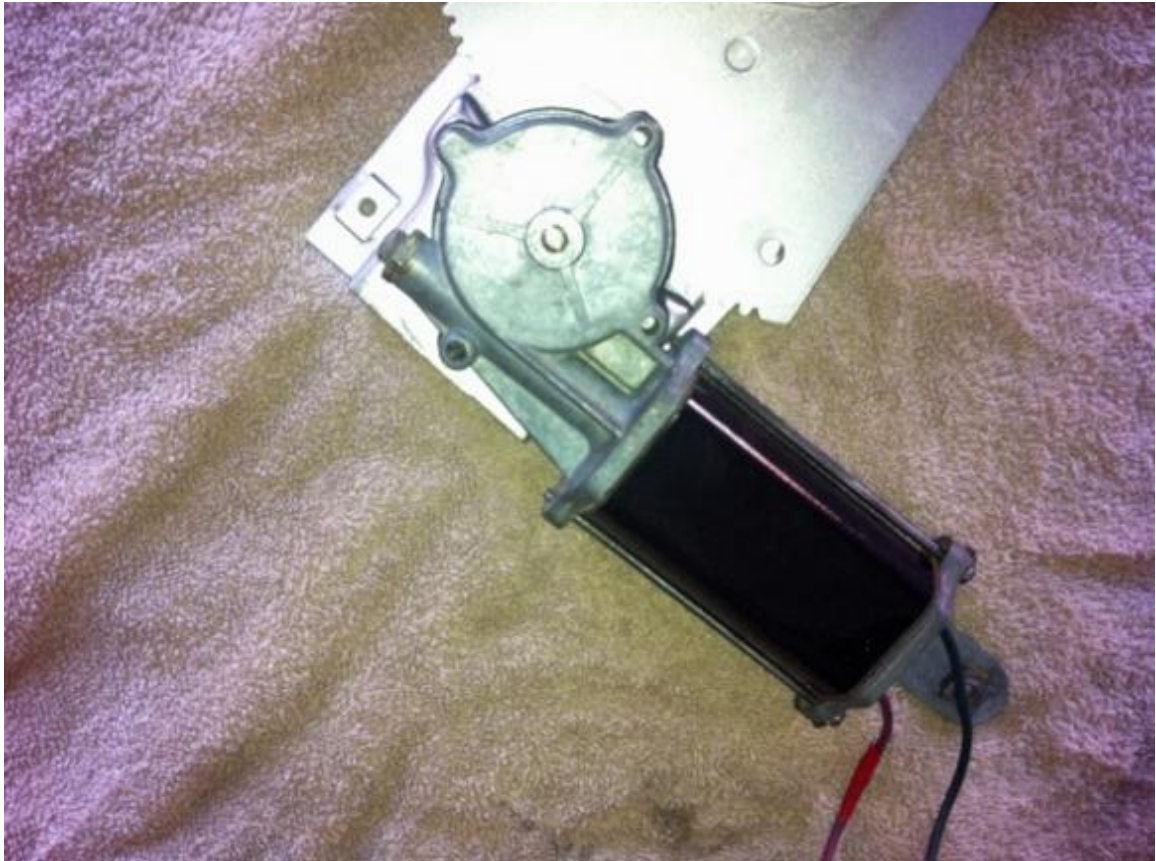
**Then I got a pint of Tremclad gloss black and Tremclad aluminum paint and thinned it enough to shoot in my gun.**

**I believe the Tremclad is a pretty durable finish and since these components will not really see the light of day it should protect them pretty well.**









**I greased everything and put it all back together.**



**\*\* (Note) Please see Power Window Motor Restore and Repair for motor particulars.**



