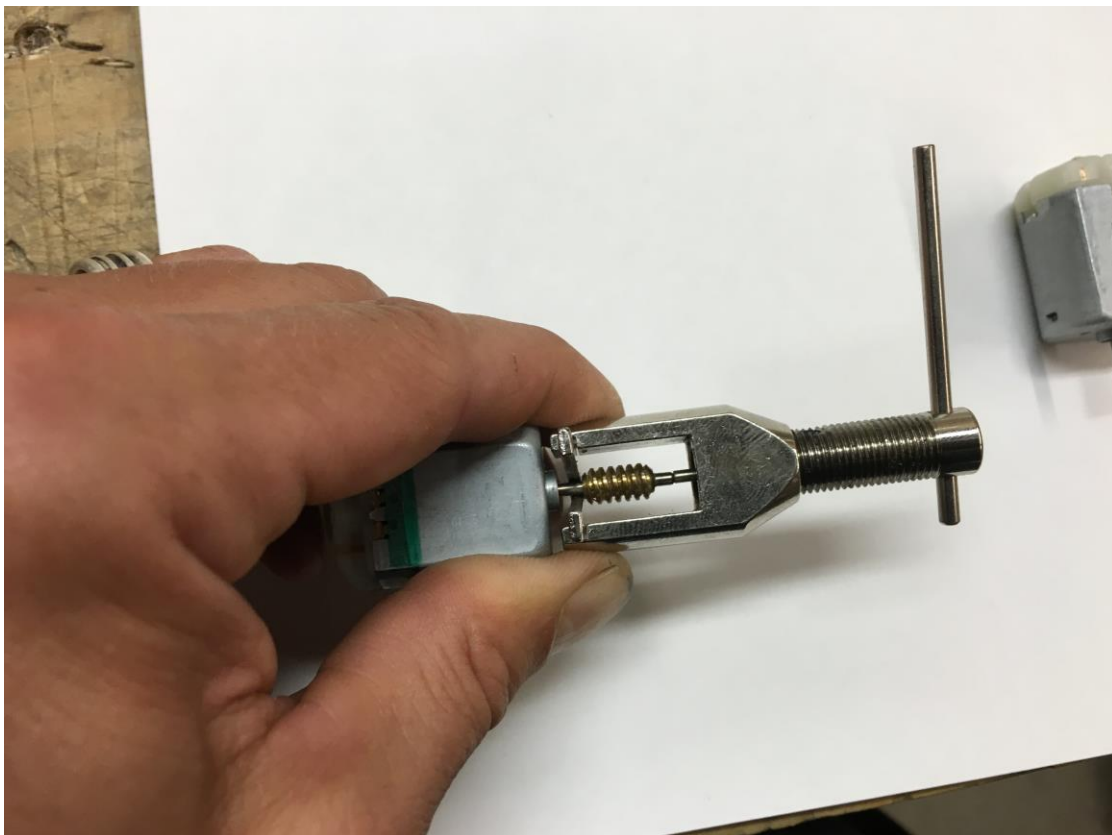


GruvenParts.com GM Power Folding Mirror Motors DIY

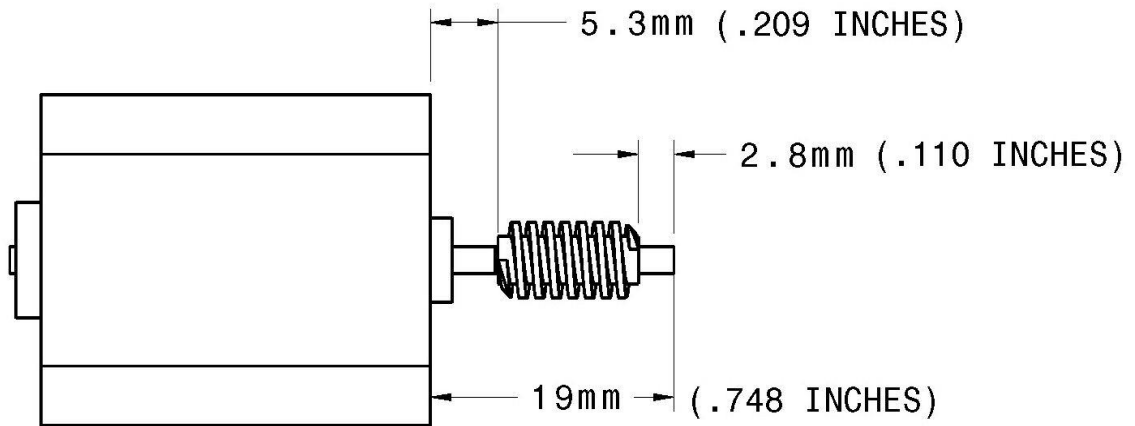
The GruvenParts.com high torque replacement motors for GM trucks with power folding mirrors is a durable motor with factory correct wiring plug, case dimensions, and shaft polarity. This motor has a short shaft length, and therefore requires a section of 2mm shaft to be added. The steps below detail how to easily do this. Note we are considering making a new motor and worm gear combo made to the exact dimensions as the OEM, however this will take a number of months to develop if we move ahead with it. If you need a replacement motor now, this is the best option.

In order to use this motor, you will need to accomplish the following steps :

1. Remove your existing motor worm gear using a gear puller suited for a 2mm shaft, such as the Walkera W010 Gear Pinion Puller readily available from Amazon. You will re-use this brass worm gear on the OEM motor.



2. Press the old worm gear onto the new GruvenParts motor shaft such that approximately 5.3 mm (0.209 inches) clearance is present between the end of the worm gear and face of motor as shown in the figure below. Because the shaft of the new motor is shorter than it needs to be, we will use a section of the old motor shaft to account for the required 2.8mm on the free end of the shaft in the following steps.



3. Trim old motor shaft approximately 8mm from the free end. Use this cut shaft in the next step.



4. Press the section of the old motor shaft which was cut off of the old motor in step 3 onto the new motor/gear combo – knurled end first. Trim back the added shaft if needed such that the final dimensions meet the figure below.

