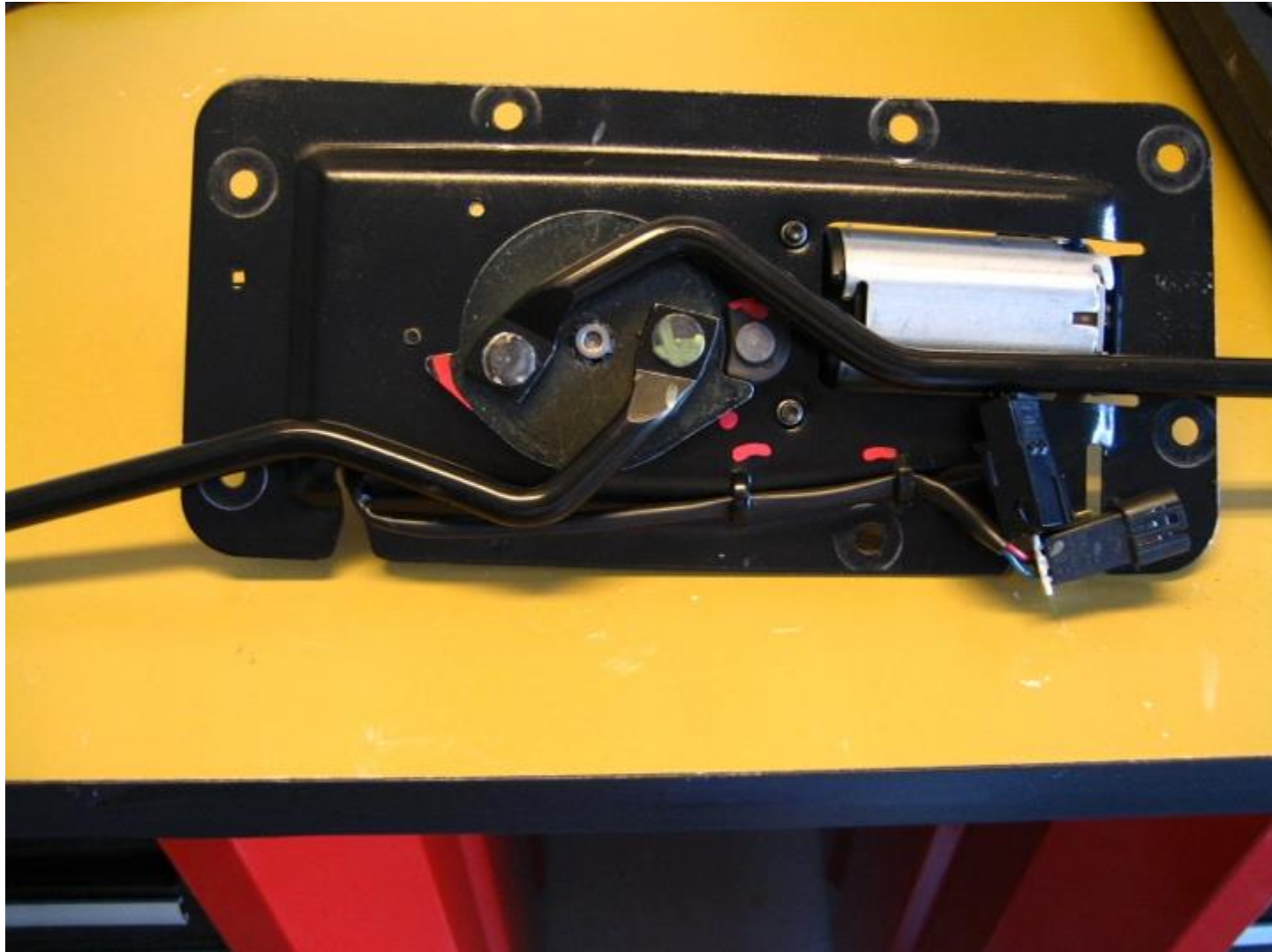


Roof Outer Latch Actuator Repair



Roof Outer Latch Actuator Assembly



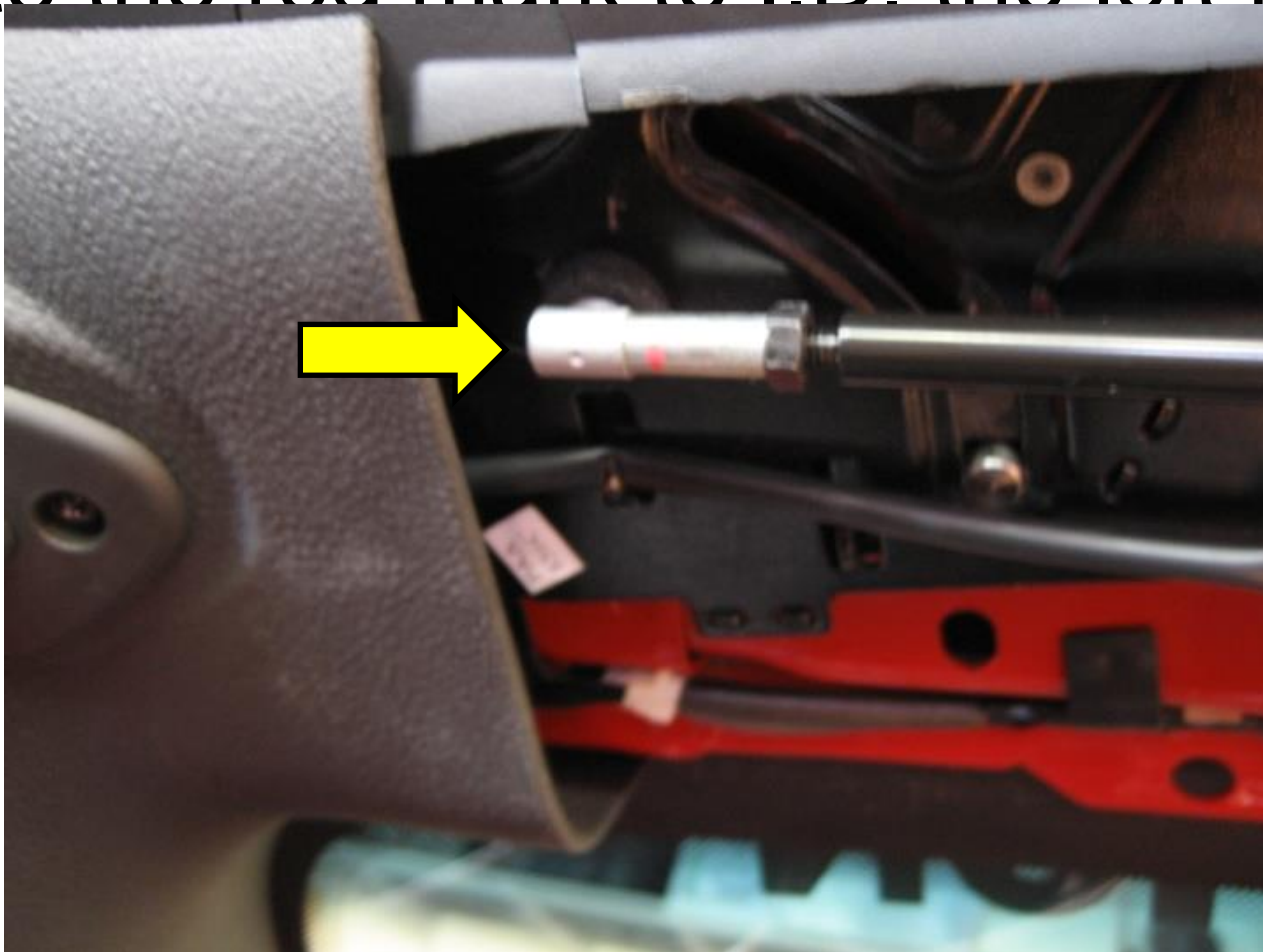
Roof Tool

DO NOT HIT the roof tool - tap the tool gently until the drive gear is disengaged



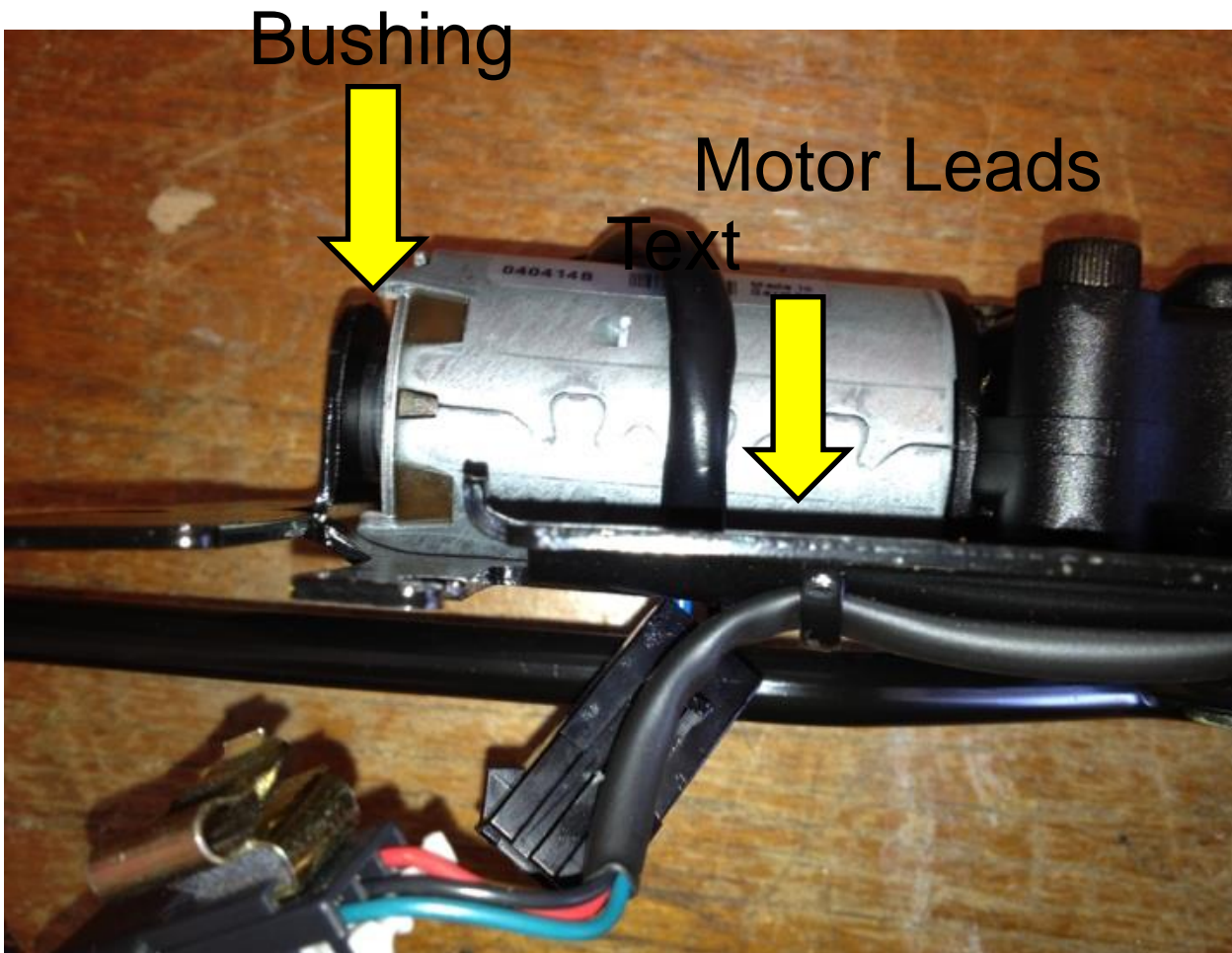
Outer Latch Connecting Rod

(Note the red mark to L.D. the left rod)



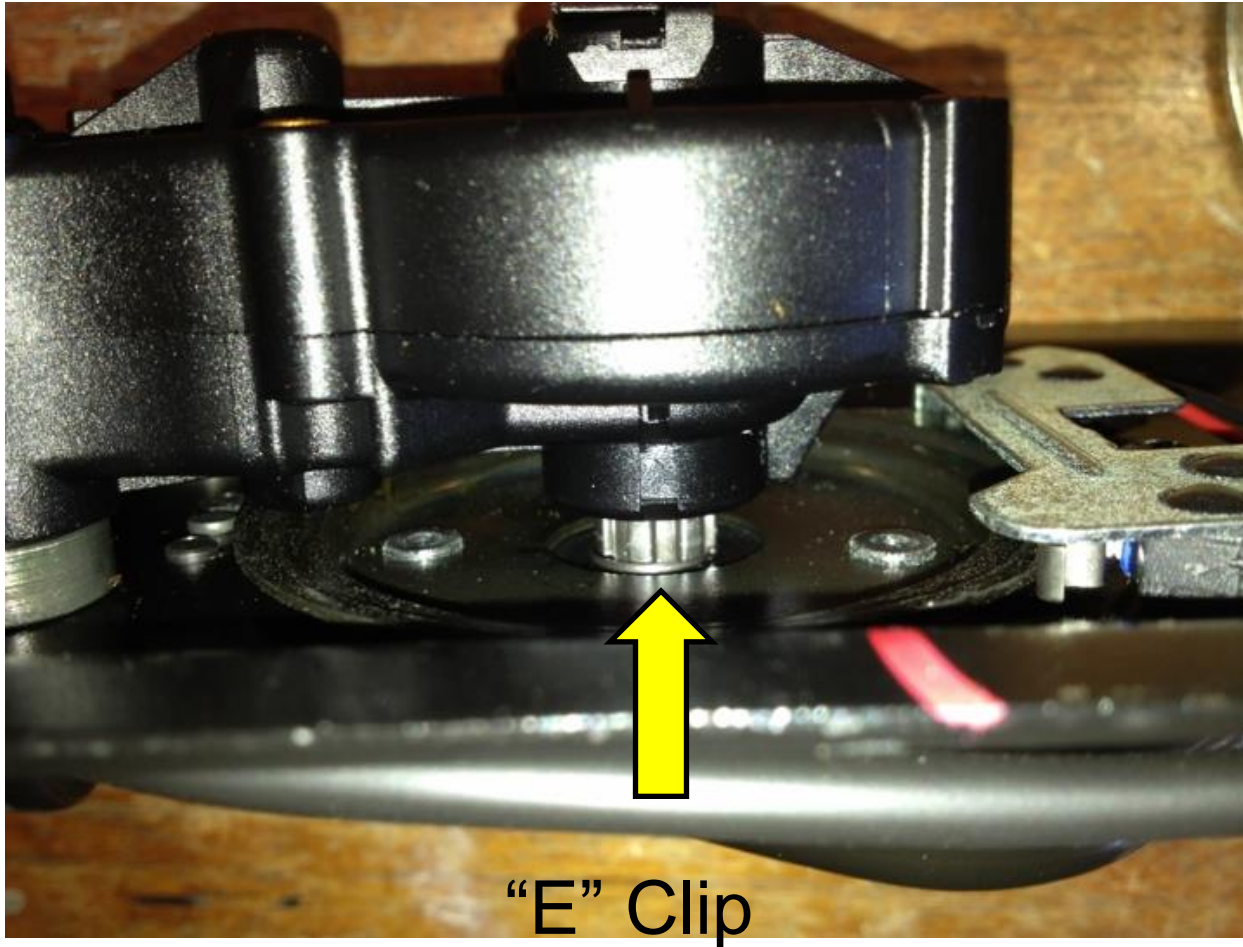
12 Volt Motor & Plug

Note - the motor plug location and the rubber bushing at the left end of the motor



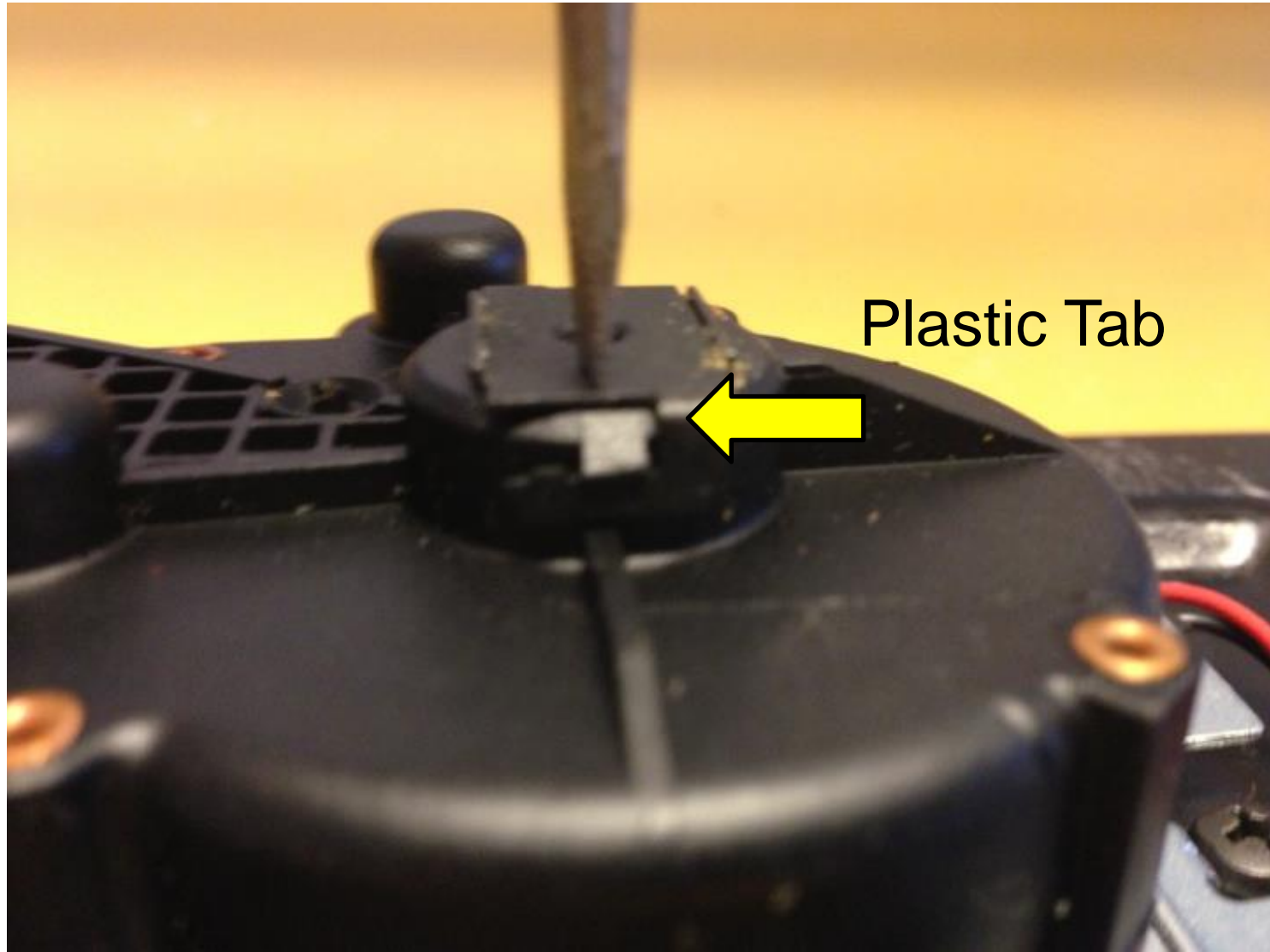
Drive Gear & Micro Switches

Note - the “E” clip on the drive gear



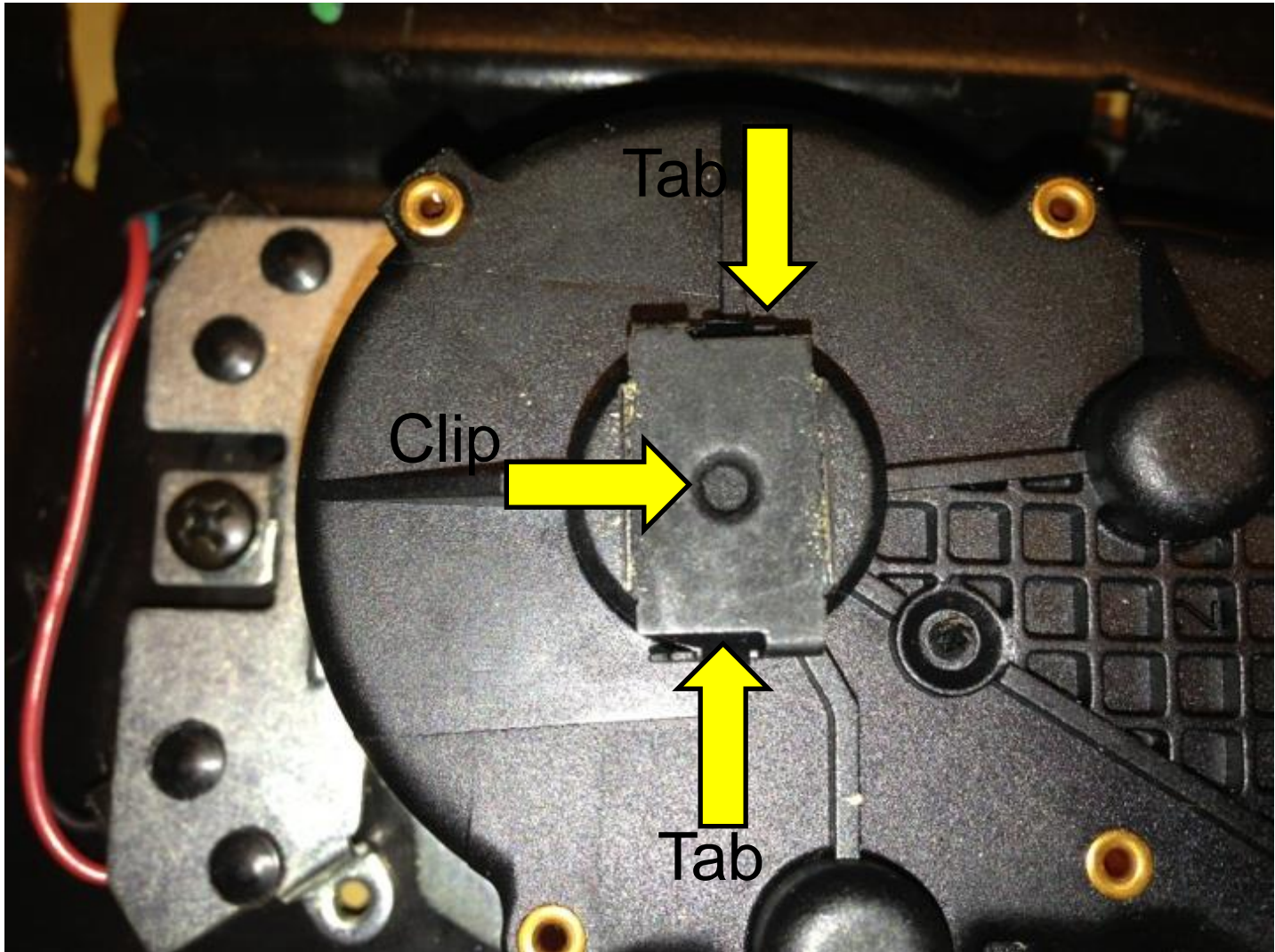
Drive Gear Clip Tab

Note - the plastic tab for the metal clip



Drive Gear Clip Tabs

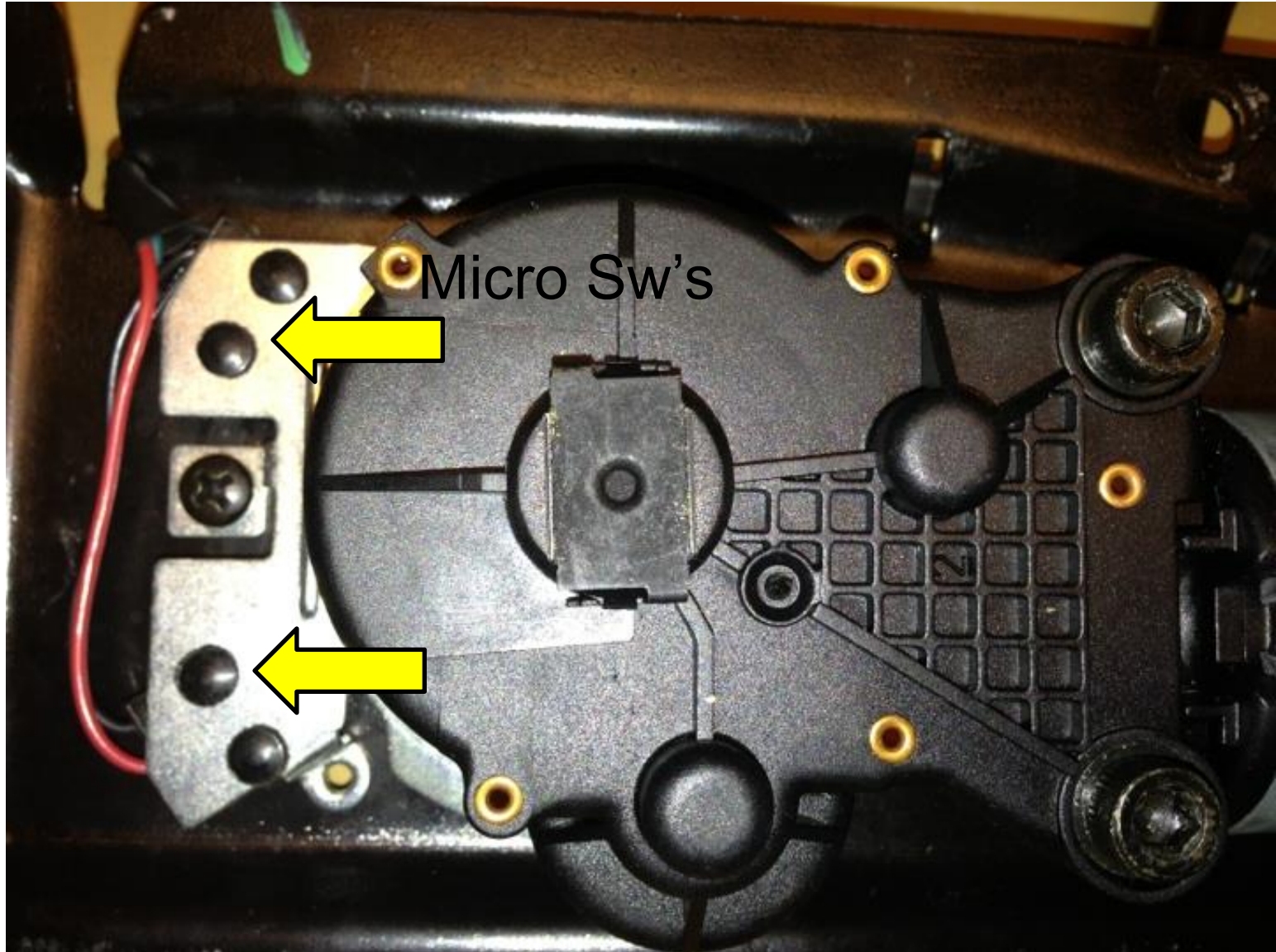
Note - the clip and the 2 plastic tabs



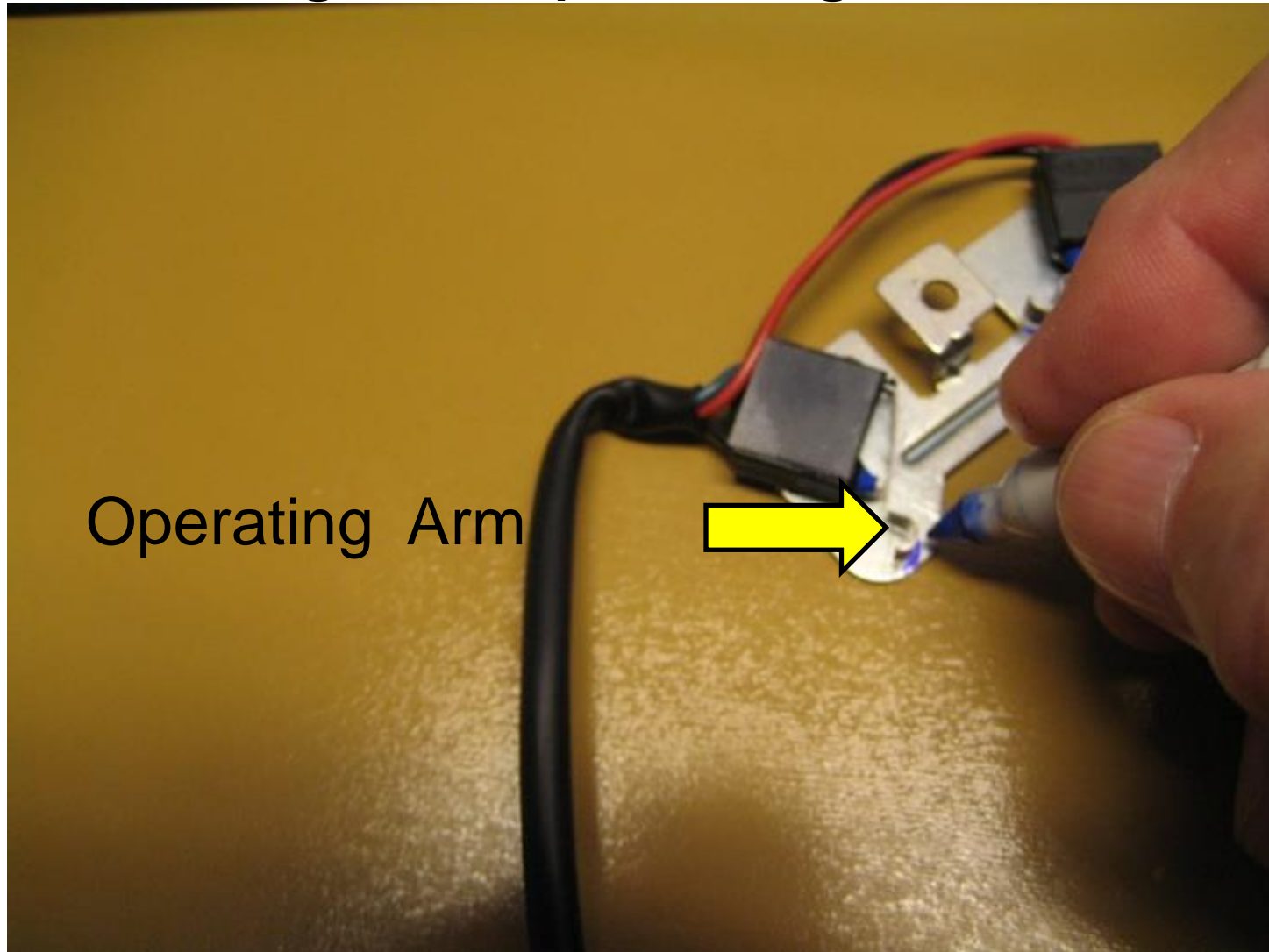
Motor & Drive Gear



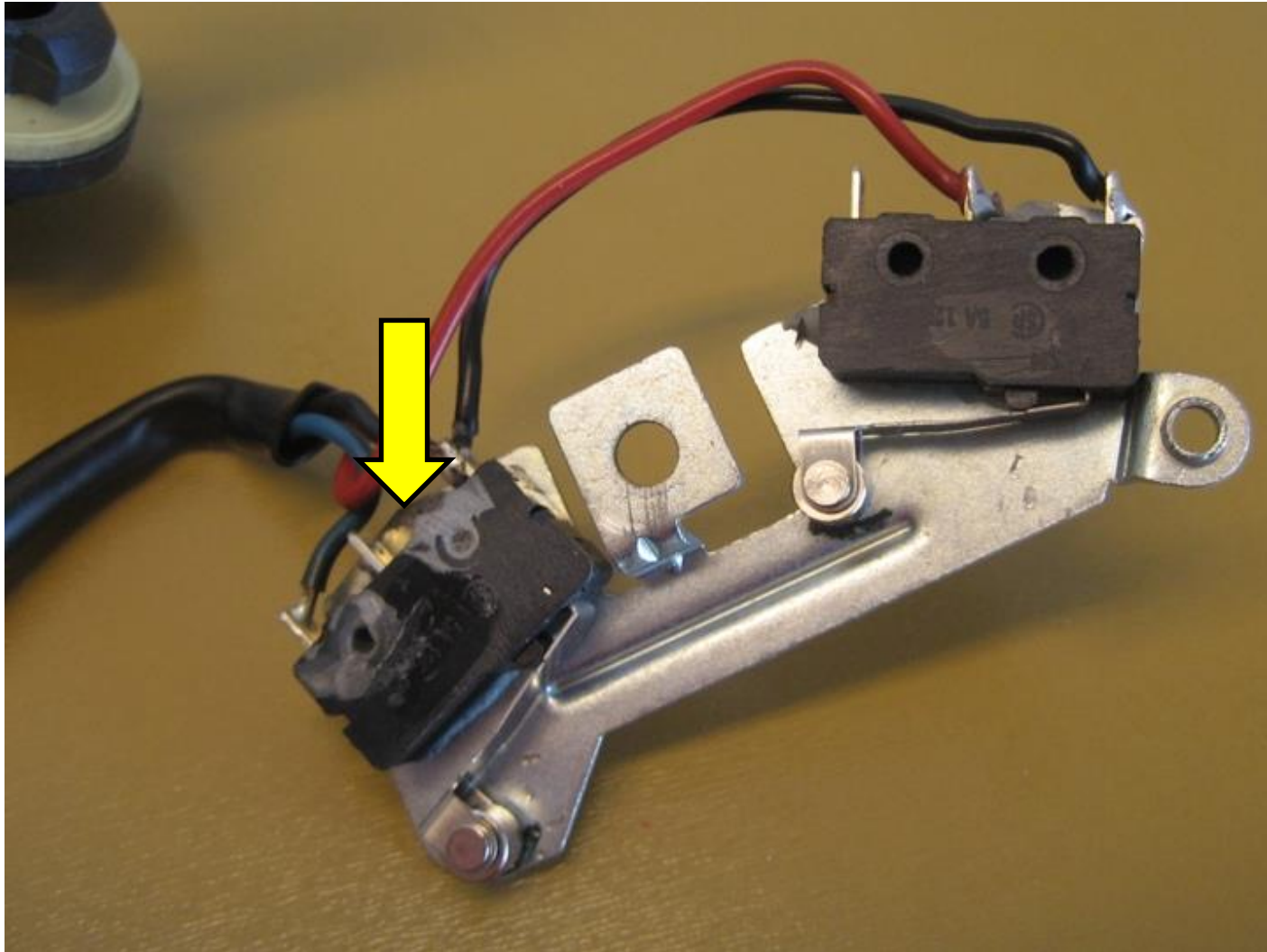
Micro Switches & Drive Gear



Replacing a Defective Micro Switch & Marking the operating arm location



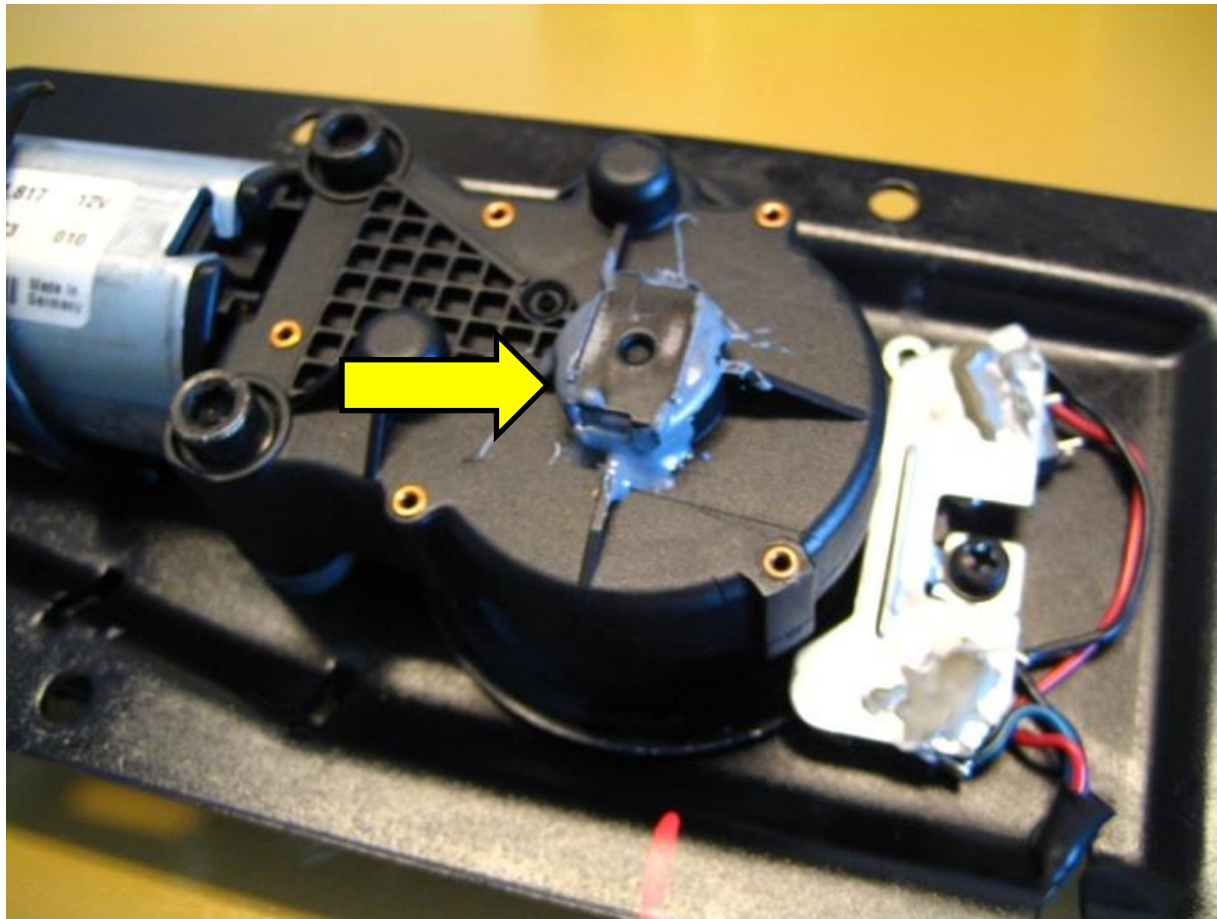
place. Extra holes drilled in the metal to match the switch holes for the new micro switches. J.B. Weld epoxy was used on this repair.



Micro switches tested using a 12 Volt lamp,
prior to mounting



replacement micro switches (Radio Shack)
Micro switches were retested using the 12
Volt lamp after mounting



Roof Outer Latch Actuators are discontinued by GM.

Gear drive clip epoxy repair has been performed on many SSR's

Repaired micro switch has been in use for over a year.

Roof is frequently opened & closed and has not failed to operate properly