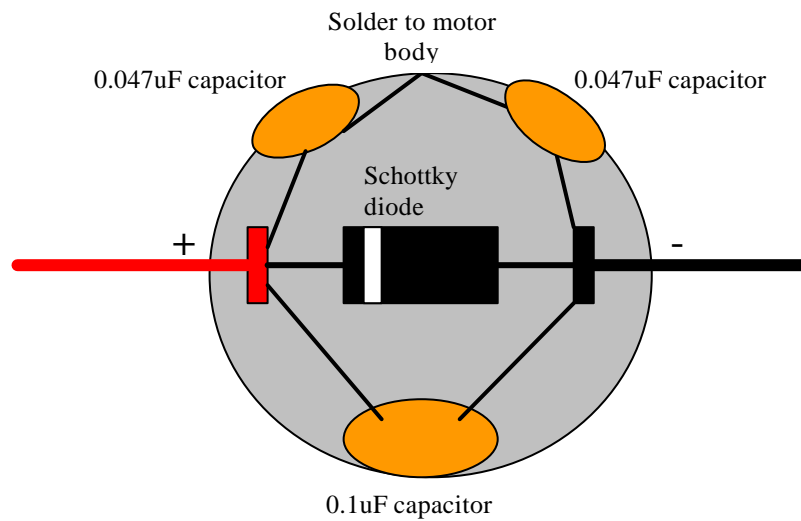


# How to suppress your motor



The above diagram shows a correctly suppressed motor. The capacitor values are not particularly critical but should be between .01uF and .1uF (microfarad). The voltage rating of each capacitor should be at least 5 times your cell pack voltage. The Schottky diode should have PIV rating of at least twice your cell pack voltage and have a maximum current rating (I<sub>f</sub>) of at least 3 Amps. The diode must be omitted if the motor is connected to a reversing speed controller.