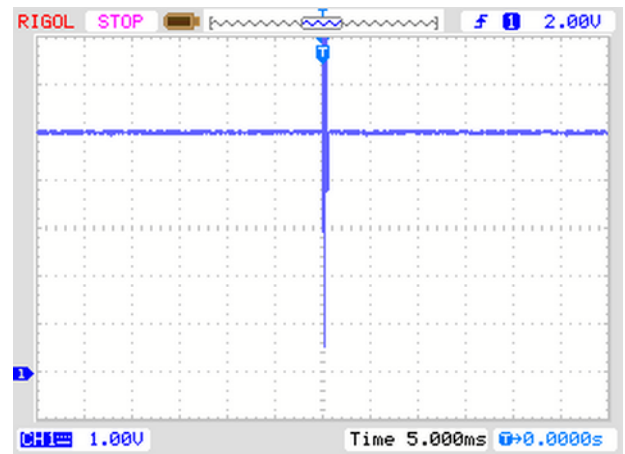
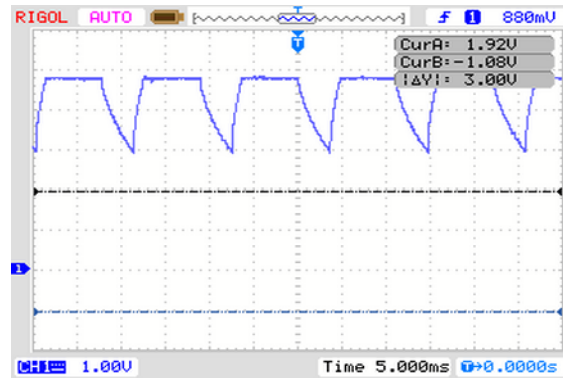


Start and stop of motor with no change. Voltage drops below zero.



Stop with extra capacitance (470 uF). Voltage still drops too low.



Power signal during LCD glitching, suggesting the cause is from the Arduino, rather than just the CD.

***With a diode across the motor, there is no evidence of voltage fluctuations!
USE A DIODE WITH INDUCTIVE LOADS!