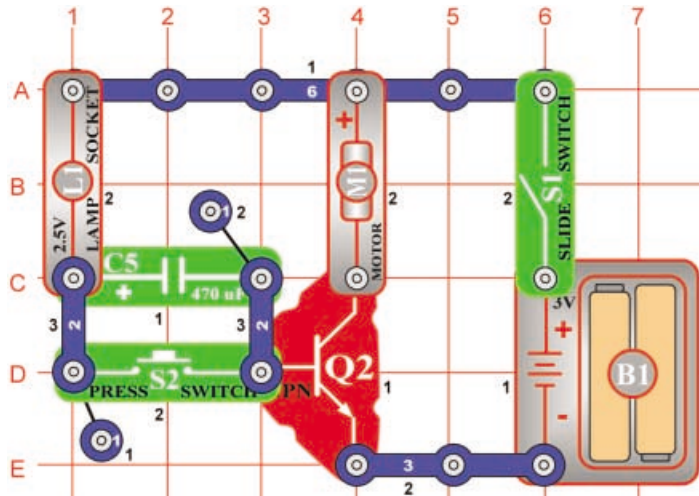


Project #A19 Capacitor Slow-down

OBJECTIVE: To learn about a device that is used to delay actions in electronics.



Place the fan on the motor and turn on the slide switch (S1). The motor spins briefly as the 470 μ F capacitor (C5) charges up. Turn off the slide switch and push the press switch (S2) to discharge the capacitor and reset the circuit.

You can bypass the capacitor by pushing the press switch while the slide switch is on. This lets the motor spin at full speed and also lights the lamp.

Requires SC-300
or larger parts set.