



The cap charges. At some point, the voltage across the LED voltage hits .6 volts and current flows through the LED circuit. Current will also flow from the base of the pnp transistor leaving that base electrically negative (relative to its collector). This will turn the pnp transistor "on."

This, in turn, turns on the npn transistor allowing current to flow through the motor unimpeded.

base current materializes when current flows through the LED circuit

pnp transistor

current flows through the LED when its voltage is .6 volts