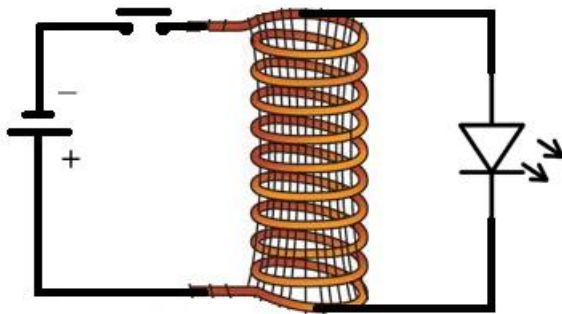
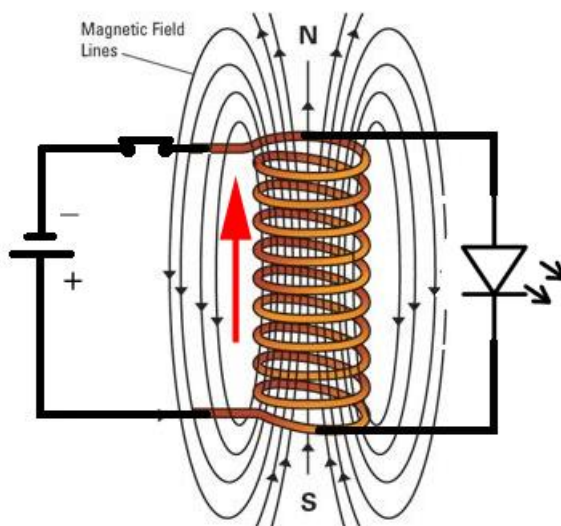


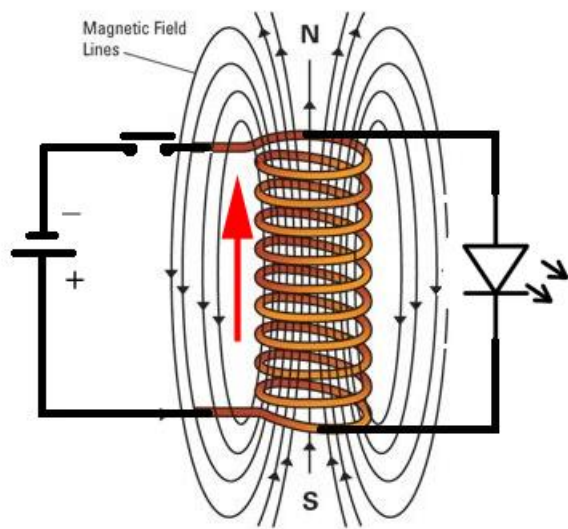
Inductive Collapse with a LED



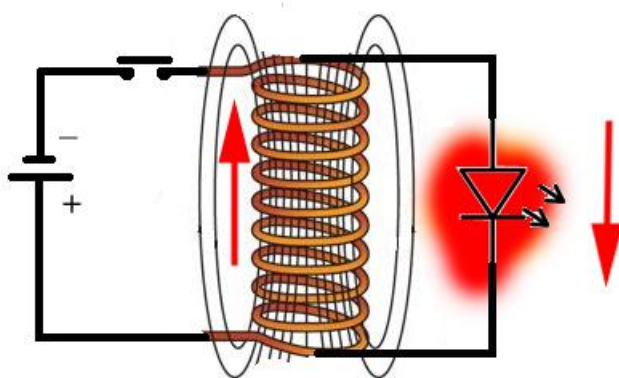
Above circuit consisting of: battery, switch, coil and a LED across the coil.



Switch is positioned to ON, current flows through coil, storing energy in a magnetic field. The LED does not illuminate as diode opposes the current flow.



Shown above the instant the switch is opened.



The magnetic field collapses, returning energy back to the coil in the form of induction. The LED illuminates.