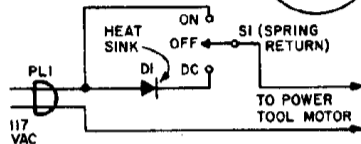


# AC Motor Power Brake



□ Give it a shot of direct current, and any AC power tool motor will instantly stop. No more free-running power saws or drills with the Power Brake. The unit must be assembled in a metal enclosure as the enclosure provides the heat sink for silicon rectifier D1. This diode has only one solder terminal, the case is the second terminal.

Place a single strip of plastic electrical tape on the bottom of SR1's case, thoroughly coat SR1's case with epoxy adhesive and cement SR1 to the enclosure (heat sink). When the adhesive is dry solder one connecting wire directly to SR1's case, the remaining wire connects to the terminal. Polarity is not important; any wire can go to any SR1 terminal.



## PARTS LIST FOR AC MOTOR POWER BRAKE

- PL1—AC plug
- D1—Silicon rectifier, 200 PIV, 20 A.
- S1—Spdt switch. Center off, one side spring return
- Misc.—Metal cabinet