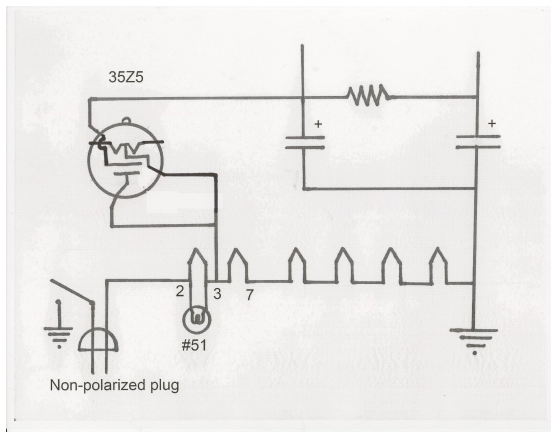


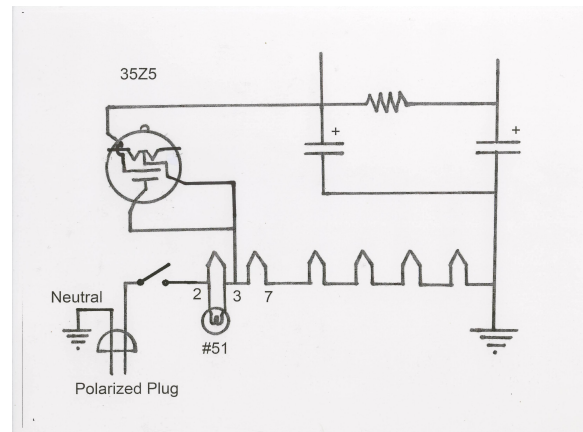
Polarized Plug Wiring By Scott Petty

CAUTION: You must use a polarized plug if you intend to rewire the switch as shown below.

Below are two methods for wiring the on-off switch in a radio. The left diagram shows the typical circuit used for old AC/DC sets with a non-polarized plug. With this method the chassis is always hot half of the time: either when the set is on or when it is off depending on which way the plug is inserted. If you decide to use a polarized plug, you can rewire the switch as shown in the right diagram so it switches the hot lead and connect the polarized neutral wire permanently to the chassis (or isolated ground buss in some radios). The chassis is never hot with this wiring method.



Chassis is always hot part of the time



Chassis is always neutral