

Requirement 4c: Installing a Single Pole Light Switch

Step 1: Make Sure Power is OFF

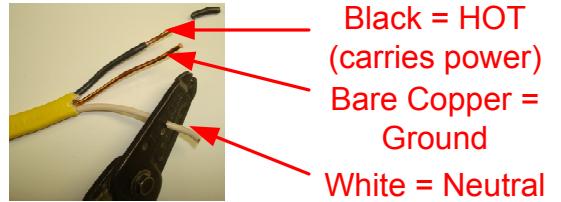
- Turn off the breaker and use a voltmeter or tester (or a lamp) to make sure power is OFF to the circuit you are working on
- Good to measure with power ON and then OFF to make sure you are reading the meter correctly

Step 2: Prepare the Wiring

- Use cutters to carefully “nibble” back the cable sheathing
- Cut off the sheathing and the protective paper inside
- Use wire strippers on 12 gauge setting to strip back $\frac{1}{2}$ " of insulation on white (Neutral) and black (Hot) wires
- Repeat for all wires to be connected

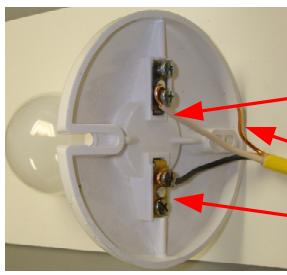


Be careful not to nick the insulation on the white and black wires

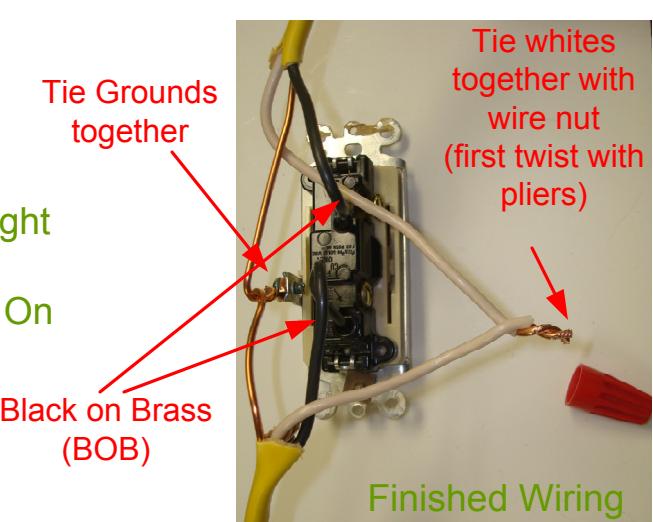


Step 3: Make the Connections

- For switches, we always want the switch to “break” the hot side (black wires)
- Single-pole = one switch controls light
- Three-way = two different switches control light (these use a third red wire)
- Remember this rule: Black On Brass, White On Silver (BOB WOS)
- Connections can be push-in, screw compression, or screw head loops
- Make sure all connections are tight



Light Wiring



Finished Wiring



Step 4: Install Switch Plate and Check Your Work

- Install the switch plate (two screws)
- Turn power back on
- Turn switch on and off to make sure controlled light works correctly

