

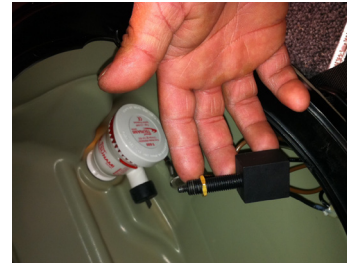
Tools Needed:

Wire stripper/cutter
Pliers

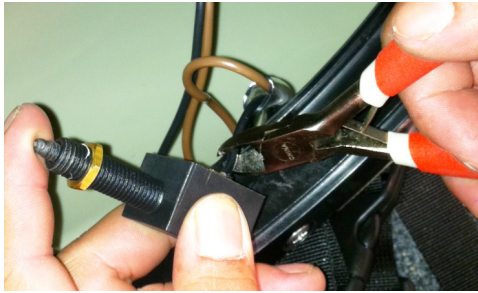


Directions for Installation

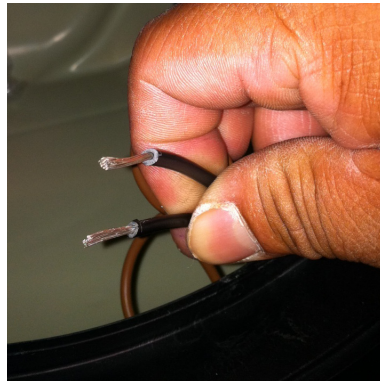
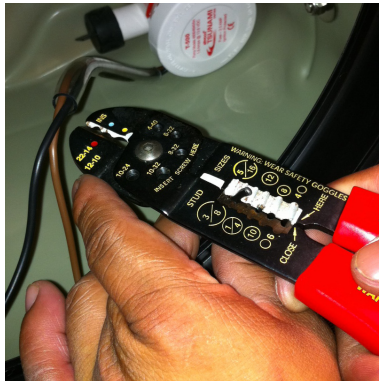
Remove the old switch by unthreading the cap and the bolt and removing the brass washer on the outside of the switch that hold it to the tank. You can hold on to the inside part of the switch to prevent the switch from spinning. Pull the old switch out of the hole and bring it up through the 8" hatch opening.



Trim the black switch wires as close as possible to the old switch. Cut the old wire connector out of the line by cutting the two black wires that lead in to it as close to the wire connector as possible.

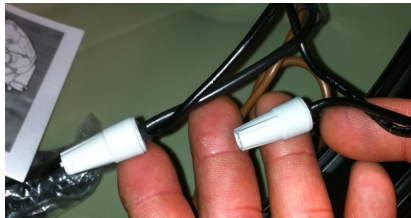
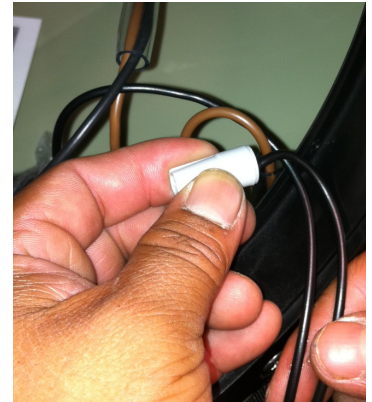
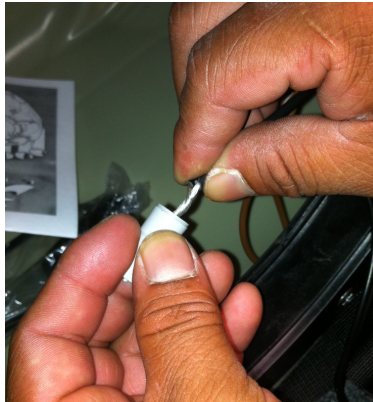
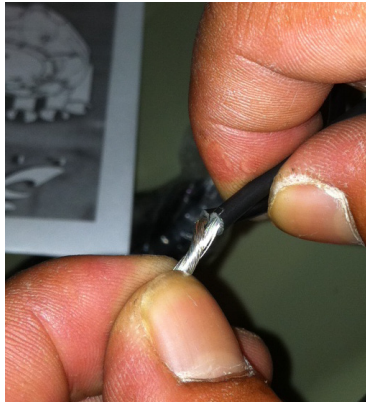


Next you will install the new switch. Cut the black wires leading out of the new switch to approximately 6 and 10 inches respectively. Strip away the black cover at the ends of these wires leaving about 1/4 of an inch of silver wire exposed. This will leave you with 4 exposed black wires.



Continued ...

Connect the 6" black wire from the switch to the black wire coming from the battery harness and the 10" black wire from the switch to the black wire coming from the pump using the two provided wire connectors. Make sure to hold the wires together and twist the wire cap over both exposed wires until it becomes tight and the silicone gel is excreted to prevent corrosion. The 10" wire that will be connected to the pump wire can be tucked out of the way behind the new switch once it is installed.



Prepare the new switch for installation by unthreading the cap, nut and remove the washer from the switch shaft. Insert the new switch in to the predrilled hole, add the brass washer, nut and tighten until the switch is snug. Thread the switch cap on to the switch shaft.



Test the switch and connection by plugging in your battery and turning the switch on. If the switch remains on or does not turn on, the threaded shaft on the inside of the tank may need to be adjusted so that the switch shaft is the correct length and extend far enough outside the tank. Do not leave your switch on and pump running for extended periods of time out of the water as it can burn the pump motor.



Published 7/19/2011