

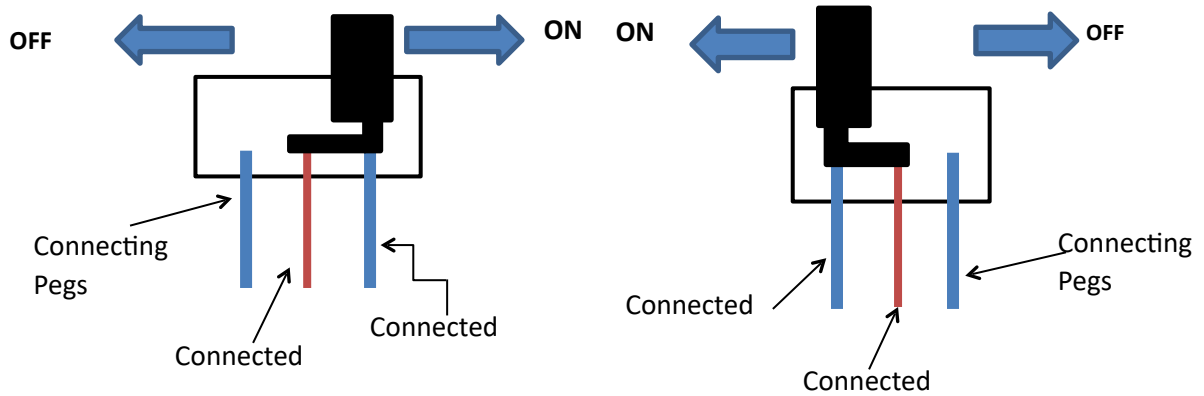
ON & OFF Switches

Working Diagrams

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Small Switch

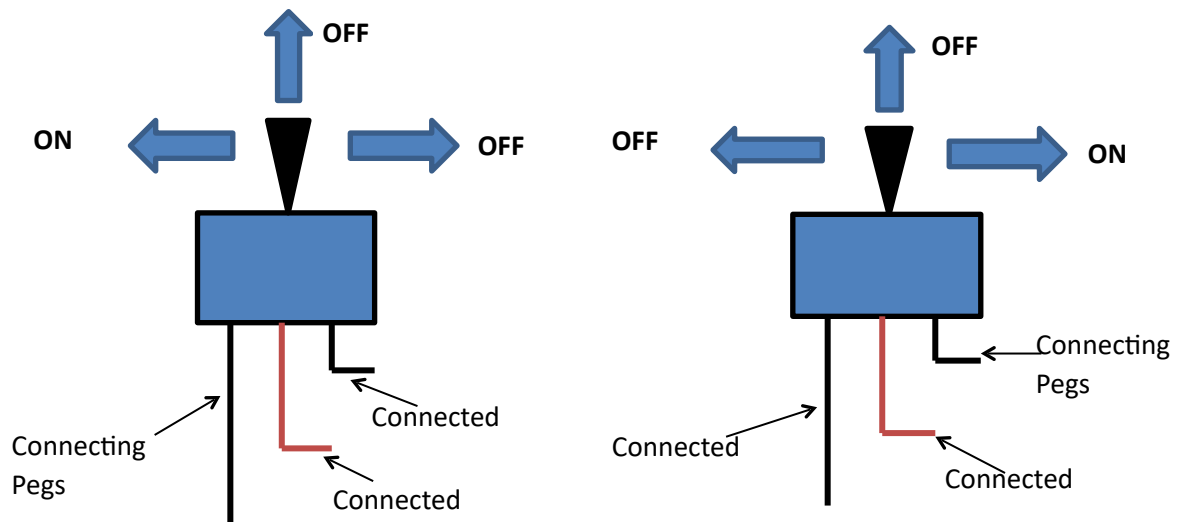
When connecting the switch, place one of the connecting wires to the centre peg.



The direction of the switch determines whether the circuit is complete or not, to complete the circuit, move the switch to the side you connected the other wire. One of the outside pegs should be left unconnected.

Large Switch

When connecting the switch, place one of the connecting wires to the centre peg.



The direction of the switch determines whether the circuit is complete or not, to complete the circuit, move the switch to opposite side that you connected the other wire. One of the outside pegs should be left unconnected.

Attaching the Switches

The switches should be placed in the wire of the motor. This will be used to switch off/on the PV cell or battery

1. Cut the connecting red wire coming from the motor and strip the plastic off the two cut ends.
2. Attach the wire connected to the motor to the centre peg using the heat shrink (place the heat shrink over the end of the exposed wire then wrap the exposed wire around the peg and move the heat shrink up to cover the connection).
3. Check the circuit will complete by placing the other wire to one of the remaining pegs with the switch in the on position.
4. With the switch in the off position, attach the wire to the peg using the heat shrink.
5. Complete the circuit by attaching the PV cell or battery to the motor.

Equipment

- Large Switches
- Wire Cutters
- Wire Strippers
- Heat shrink
- Heat Source (lighter/ match)