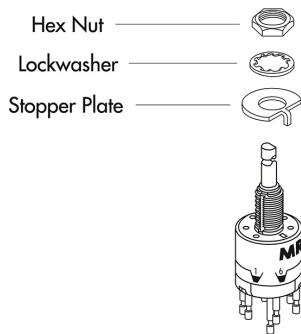


## Light Switch

- **Prepare the fork/stem:** Mount the stem so that the fork's Stem Tube extends at least 2.5 mm above the top of the stem.
- **Set the switch so it has 2 positions:**
  - Insert the black knob onto the shaft and turn counterclockwise to the end.
  - Remove the knob and the hex nut on top of the switch (8 mm or adjustable wrench).
  - Raise the stopper plate and insert the stopper into the hole between the 1 and 2 printed on the side of the switch. Check that the switch has two positions.



- **Assemble the light switch:**
  - Insert the switch into the plug.
  - Place the lockwasher onto the switch shaft.
  - Screw on the hex nut to lock the stopper plate and plug in position. Tighten well.
  - Push two O-rings into the grooves of the plug. Use thick O-rings for Stem Tube with 1.5 mm walls; thin O-rings for Stem Tube with 1.8 mm walls.
- Align the stem cap set screw with the flat on the switch shaft. Insert. Tighten set screw (1 mm Allen).
- **Wire the light switch:**
  - Solder the wire from the generator hub to a connector. Protect with heat shrink tubing. Plug to the center pin of the switch.
  - Combine the wires from the head- and taillight and solder to a connector. Protect with heat shrink tubing. Plug to Pin 2 of the switch.
- **Install the light switch in the stem tube.**
  - Turn the switch counterclockwise to the end. ('Lights On' position)
  - Align so the 'Light' symbol points straight ahead.
  - Push the Light Switch into the stem tube.
  - Do not turn the knob forcefully to align the Light Switch. The stopper on the stopper plate can break.
  - If the gap between stem and stem cap is too large, raise the stem until the gap disappears.
- **Disassembling the bike (Rinko, etc.):**
  - Pull the Light Switch out of the Stem Tube. Unplug.
  - **Hint:** Cut off the unused pins (1, 3-6) to avoid confusion when re-assembling the bike.