SRM Power Meter Battery Replacement

This quide shows how to replace the integrated batteries of a SRM PM7 Power Meter.

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🔧 TOOLS:

- Wire cutters/side cutters (1)
- Soldering Iron (1)
- Solder (1)
- heatshrink tubing (1)
- Flathead Screwdriver (1)
- Pocket knife (1)

⚙ PARTS:

- Battery EF651625 750mAh (1)

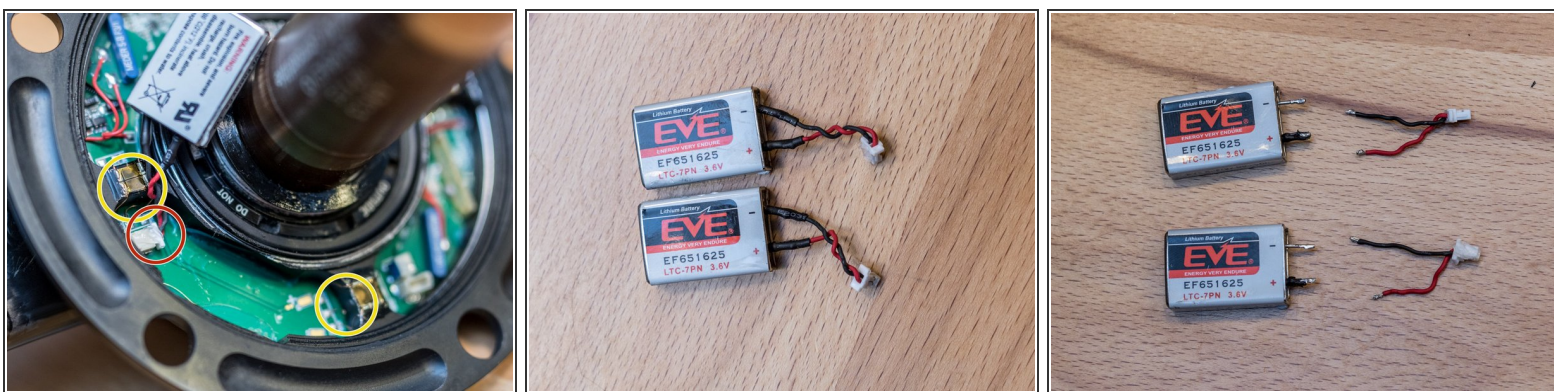This document was generated on 2020-04-06 08:32:49 AM (MST).
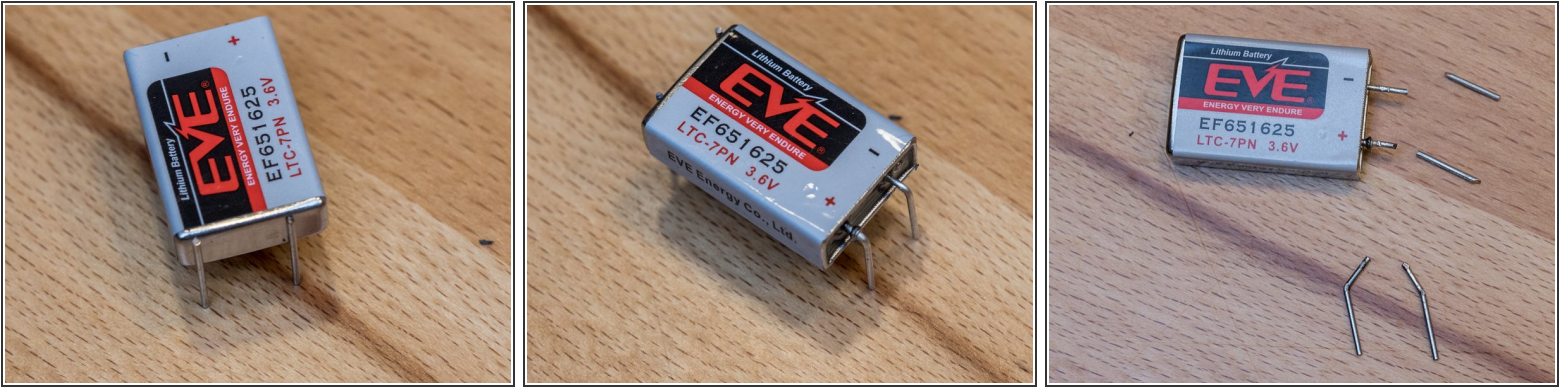
Step 1 — Open the Power Meter

- Remove the chain rings. On some models there are little screws to open the cap. On my FSA Model there is a tab to pop open the cap.

- Make sure the seals stay intact.

- There are 2 batteries glued in. They are connected with a power cable that has a little 2 pin plug.
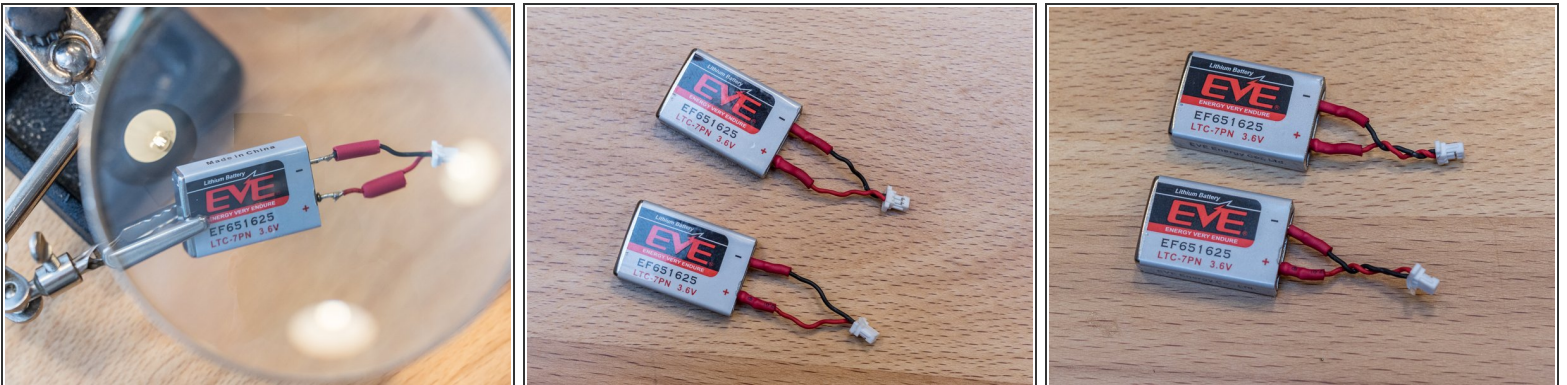
Step 2 — Remove Batteries

- **ATTENTION**: Make sure you don't damage the thin cooper wires marked in yellow.

- Unplug the batteries from the circuit board. (red)

- With the solder gun remove the cables from the old batteries. Make sure not to melt the cables or plug.

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Step 3 — Prepare new Batteries

- My batteries had mounting pins attached to the silver side. They have to be remove with pliers.

- The terminal pins have to be bent straight.

- Finally the pins have to be cut to the same length as the old batteries.

Step 4 — Attach Wires

- Add heat shrink to cables and solder them to battery. Red to (+) and black to (-)

- Push the heat shrink up to cover the entire pin and soldering connection.

- Twist the wired back together gently.

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Step 5 — Insert the Batteries

- Attach the new batteries. There is a + on the circuit board on the side where the red wire goes.

- Push the batteries gently back into place.

- Connect the power meter and check the battery status of the sensor. On my Garmin I see NEW.