



# How To Water Your Forklift Battery

Did you know that not properly watering your forklift battery can reduce the lifespan of your fork truck by up to 50%? It's true! But with a proper watering and maintenance schedule, you can expect your forklift battery to keep on trucking for up to 7 years!

## What supplies will I need?

- **Watering Jug or Watering Gun:** a specialized tool with a nozzle designed to fit in the battery's cells.
- **Distilled or Dionized Water:** Your forklift battery cannot take tap water, as this contains trace elements and minerals that can interact dangerously with the acid in the cell.
- **Personal Protective Equipment:** Lead acid batteries contain sulphuric acid. Protect your skin and eyes from backsplash or accidental spills with goggles, an apron, gloves, long sleeves, and closed-toed shoes.

## Important: Safety Precautions:

- **Water only after the battery has fully charged and cooled** (approx. 4 hours). Watering while hot can cause boiling, internal damage, reduced power, and a shorter lifespan.
- **If plates are exposed, add just enough water to cover them** before charging. After charging, top off the water again.
- **Do not charge mid-shift** if you've watered the battery that day to avoid boil-overs.
- **Only work in a well-ventilated area.**
- **Check and record water levels regularly**—older batteries may need more frequent watering.

# Steps For Manual Battery Watering

Wearing PPE, disconnect battery from the charger or turn the forklift off.

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Inspect the battery for corrosion or visible damage. Consult a professional if damaged.

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Locate fill-level indicator.

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Remove vent-caps. Some systems may need extra steps or tools; follow manufacturer instructions.

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Check the current electrolyte level, which should be about 1/2" above the plates inside the battery.

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If low, add water using a funnel or water injector. Only use distilled or deionized water.

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Replace vent caps, wipe up any spillage or residue.

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Check that water remains stable after a few hours. A decrease indicates leakage or damage in the cell. Consult a professional if this occurs.

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## Sound like Hard Work? M-Pulse Has You Covered!

Regular battery watering is imperative to the lifespan of your battery. Need support? M-Pulse has nationwide service technicians who are primed and ready to assist! Whether you need one-off support or education, or you'd like to book regular maintenance, we've got someone right around the bend.

 800-641-6504

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