



# Why concrete kills batteries

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You might have heard people say that you shouldn't put a car battery on a concrete floor, and this myth has existed for years, but the truth is quite different.

**Key Takeaways** – The concern stems from when battery cases were made of materials that could allow electrolytes to seep out, leading to discharge. But with today's advances, our batteries are safe from that old problem. Modern car batteries can safely be placed on concrete surfaces, so there is no need to worry.

So, what else is there to know about this myth and how it started? Stick with me as I'll guide you through some interesting facts and how technology has positively changed the battery game.

So there's this long-standing belief that putting a car battery on a concrete floor can drain it. Let me break it down for you.

Moisture is the culprit here. Concrete is a porous material that can absorb and hold moisture. Combine that with dirt and dust, and you have the perfect environment for a battery to start discharging.

But hold on! There's more to it. Temperature plays a big role too. Concrete floors in garages are usually cooler than other surfaces, and that's good.

You see, heat is bad for batteries. A car battery in a hot climate will last only two-thirds as long as it would in a cool climate. So, the cooler temperature of the concrete floor is generally a plus.

But that cool floor can also lead to condensation, returning us to that moisture problem.

But times have changed! These days, car batteries are made with better casing materials, like plastic. This means they don't leak battery acid the way they used to.

So, in reality, placing a car battery on a concrete floor shouldn't cause any problems anymore.

If you're still worried about the whole moisture issue, you can always put your battery on a piece of wood or glass. They're both non-porous materials and won't cause any moisture-related hassles!

So there you have it, the truth about the interaction between car batteries and concrete floors.

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