

# AutoShack Weekly Tip



- Although car owners aren't typically mechanics, every now and then, there may be a need to remove your car battery or disconnect the battery cables for some reason.
- Perhaps to remove and install the battery into another vehicle. Or maybe just to install a newly purchased battery.
- Batteries give out hydrogen gas which is flammable/explosive so it is important to follow the proper procedure to avoid personal injury or vehicle electrical system damage.
- In addition, the order in which you remove the battery cables is important. If you have ever taken your car to the shop with a fault that is not electrical-related but came back from the shop with an electrical fault, this could well be the reason.
- Improper battery removal and installation is one of the most common causes of sudden electrical problems on vehicles returning from the repair shop.
- In today's tip we discuss the proper way to remove and install battery cables and why.

- Removal and Installation

1. **REMOVING:** When removing car battery cables always remove the **NEGATIVE** cable first.
2. **INSTALLING:** When installing the battery cables always install the **POSITIVE** cable first.
3. REASON 1: If an attempt is made to remove the positive cable first and the tool being used accidentally touches any part of the car, current will become extremely high and may damage vehicle electrical systems.
4. REASON 2: Removing and installing cables in the wrong order can also cause sparks. This can start a fire when it comes in contact with the explosive hydrogen gas produced by the battery.

When removing cables, remove negative first. When installing cables, install positive first.



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- A majority of the tip topics are suggested by others based on their experiences.
- Consider helping others to benefit from your experiences by suggesting a topic for our tip bank based on your car troubles, experiences or observations.