

# Hybrid battery system voltage is low





## Overview

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What happens if a hybrid battery goes bad?

In hybrid vehicles, the battery plays a crucial role in providing power to the electric motor and assisting the internal combustion engine. When the voltage in the hybrid battery system drops below the specified threshold, it can lead to various performance issues and potentially cause long-term damage if left unaddressed.

Can a hybrid battery run low?

Running low on your hybrid battery can be stressful. But, it's key to act fast for battery recharge. These steps can keep your battery's charge level stable and avoid damage. Here are some quick things to do: Engage EV Mode: If your car has EV mode, use it. It helps conserve power and ease battery stress.

Do hybrid batteries need a load test?

Hybrids don't respond well to conventional battery testing methods, like simple load tests or voltage checks. Instead, they require a more comprehensive approach, including load testing and voltage balancing, often across a number of cells.

What is a hybrid battery?

Hybrid batteries are complex systems built from dozens of individual cells grouped together into modules and blocks. Over time, these cells degrade at different rates, leading to performance loss, warning lights, and battery codes like P0A80 or P0A7F. In this article, we'll break down three key concepts every hybrid owner should understand:



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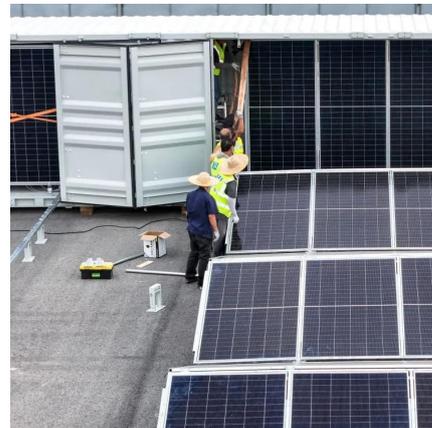


### P0AFA Code

The diagnostic trouble code P0AFA indicates that the hybrid battery system voltage is low. In hybrid vehicles, the battery plays a crucial role in providing power to the electric motor and ...

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### [What is OBD-II Code P0AFA - Hybrid/EV Battery System Voltage Low](#)

OBD-II Code P0AFA stands for "Hybrid/EV Battery System Voltage Low." This code is triggered when the Engine Control Module (ECM) detects a voltage drop in the high voltage system of ...



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