

# MOTORCYCLE TECH TIP

BY JD FROM SKUNK MOTORSPORTS  
480-649-2800

**A motorcycle battery tender is key to keeping your battery maintained.**

A Battery Tender is similar to a trickle charger but will not overcharge your battery. Standard trickle chargers can overcharge and permanently damage the battery. Battery tenders will maintain a 100% charge constantly: enough to ensure starting power, but not enough to boil away electrolyte and damage the plates. It even senses incorrect connections and will not charge if the polarity has been reversed.



The modern AGM and gel batteries operate considerably better and last longer if they are maintained above their 50% discharge rate.

Battery Tenders that have an automatic shut-off feature that sense when the battery is at full charge are now available. A motorcycle battery tender is the best choice for battery maintenance whether used during the riding season or while your motorcycle is kept in storage. The shut-off feature prevents overcharging of the battery and delivers more precise maintenance over a great period of time.

If you have a motorcycle that was manufactured within the last 40 years, chances are you have a 12v motorcycle battery, which will be compatible with a tender. Most late model Harley Davidson motorcycle especially V-Rod and Touring models have a small 2-3 milliamp draw to provide power to electronic engine management and security systems that are draining your battery.

This inexpensive tender allows you to charge your bike without pulling the seat off each time. Please call us with any questions.