

Motorcycle generator blade installation

Should I upgrade my Harley generator?

If you're riding or restoring a Panhead, Shovelhead, Flathead, or Ironhead, consider upgrading from the stock generator. I have found that Cycle Electric offers the highest quality Harley generator replacement. A Cycle Electric unit will replace the 58, 61, 65, 65A, and 65B generators.

What is a good Harley generator replacement?

Another Harley generator replacement from Cycle Electric is a low-amp model, the DGV-5000L with regulator. This generator is designed to work with 1936-1964 models converted to 12-volts with a 5.5-amp (or less) battery. The DGV-5000L is a good choice when converting 6-volt to 12-volt with kick-start only and battery is 5.5 amps or less.

How do you test a Harley generator?

Here's a simple way to test a Harley generator while it's still mounted to the bike. With everything hooked up properly, and with a fully charged battery, start the engine and turn on your headlight. If the light gets brighter when you rev the motor from idle, the generator is working correctly.

Does a Harley generator charge a battery?

Vintage Harleys are not known for having great charging systems. And a motorcycle generator doesn't really charge the battery until engine rpm is considerably higher than idle. To make matters worse, if you have an electric starter, trips less than 15-20 miles are not enough to recharge the battery's losses from starting.

How do you mount a generator with a cam cover?

Early Panheads and 45 Flatheads had 1/4"-24 generator bolts. The later two-brush generators (1958-up) used larger 5/16"-24 bolts. To mount a later generator with an early cam cover, you can either drill out the bolt holes to accept the larger bolts, or use 1/4"-24 heli-coil inserts in the generator threads.

What direction should a generator motor?

The generator should motor in a counter-clockwise direction when observed from the gear end. If it rotates the other way you have your field coil leads reversed. Motoring does two things, it verifies that the generator is assembled properly and provides an initial polarization for the pole shoes.

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Re-assess your battery-mass ratio and determine whether or not you want to remove some of them and install a small gas generator to turn your bike into a series hybrid. A 50-cc, two-stroke ...

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Blade installation solution for Vestas wind turbine; 7 MW wind turbine generator rotation tool for long-term storage; Winches for offshore wind farm project; Tests of New Renewable Energy ...

To perform a static test on your motorcycle or motorsport vehicle stator: Ensure that your multimeter device is set to ohms and that you know your stator's target readings. Pull the negative and positive leads apart and check ...

The generator assembly starts with the commutator end casting and brush holders. Colony's terminal kit is used along with their generator frame screws. Perry swaps out the star washers for parkerized ones and uses custom made ...

Installation of wind turbines using a floating vessel is an alternative for the current method, but blade installation is an area which is not explored yet. Using the innovation model from the ...

Regulator and rectifier, generator and stator wiring connector plugs that are used on older and modern Japanese motorcycles using the unsealed 6.0mm and 6.3mm terminals to the modern ...

Joe Tessitore is a strange guy. Most bike builders hate working with motorcycle wiring, but not Joe. It's his favorite part of the build, and the source of most of his business. So we've asked Joe to demystify the ...

First, there was a discussion about what type of generator I'm working with: AC or DC, 2 phase or 3 (if AC), and the consensus seemed to be that it was an AC 3 phase generator (permanent ...

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