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Title: Difference between magneto and alternator

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A magneto is an electrical generator that uses permanent magnets to produce periodic pulses of alternating current. Unlike a dynamo, a magneto does not contain a commutator to produce ...

An alternator is the same except that it specifically refers to a device that produces AC voltage, which is what the Rotax generator/alternator does. Soooo, "Generator" is correct, but "Alternator" is more ...

They're simpler than alternators and thus more reliable, but a magneto the size of an alternator won't be able to produce nearly as much current as the alternator, making it useless in passenger cars.

A magneto on an ATV works like an alternator or generator on a car. It creates power, which re-charges your battery and provides power to the electronics of the ATV.

A magneto stator consists of permanent magnets and coils, forming part of the magneto system in small engines. In contrast, a traditional alternator employs an electromagnetic rotor and ...

The biggest difference in a stator and an alternator is the stator (if equipped) outputs AC voltage to a rectifier and sometimes regulator. An alternator has the rectifier built in and outputs DC voltage and ...

_ So ACTUALLY, a real -alternator has stationary magnets with a rotating armature,, while conversely, magnetos have a stationary stator-coil with rotating magnets !

Like a magneto, it produces a pulse of electricity that is used to power the spark plug. An alternator produces AC electricity by rotating a coil of copper wire wrapped around an iron core ...

It is categorized as a form of alternator, although it is usually considered distinct from most other alternators, which use field coils rather than permanent magnets.



Difference between magneto and alternator

An alternator will work as an AC motor, but applying DC won't spin it. Alternators are more efficient, and they are better about making steady power at a wide range of speeds.

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