

This Free E-Book is brought to you by Natural-Aging.com.

100% Effective Natural Hormone Treatment
Menopause, Andropause And Other Hormone Imbalances
Impair Healthy Healing In People Over The Age Of 30!

Checking And Charging Motorcycle Batteries

By George Royal

How are Motorcycle Batteries Rated?

The amp/hour (AH) capacity is the basis for rating motorcycle batteries. For example, a 12AH battery can produce one amp of current flow for 12 hours, or two amps for six hours. In order to calculate the amount of time needed to use up a fully charged motorcycle battery by turning the lights on, we have to take power in watts, and divide it by voltage, which gives us the current draw in Amps. Therefore, a 72 watts beam and tail together, divided by 12 volts equals a 6-amp draw. So in 2 hours, the 12AH battery is dead.

Checking Motorcycle Battery:

If you decide to check if your new motorcycle battery is done correctly, follow this actual factory-recommended service procedure.

If the battery is not a maintenance-free type which doesn't have a vent tube, unwrap the battery, unkink the vent tube and snip about a half-inch off the end. Fill it with electrolyte midway (between the high and low level markings on the case) and leave it undisturbed for one or two hours. Remember, the battery will still be at only 65% of full charge at this point. Add electrolyte again if required.

If your battery is a refillable lead-antimony type, it should be charged at one-third of its rated capacity in amp/hours for four to five hours to get it to full charge. Maintenance-free type battery should be charged with a constant-current charger that can drive the charge with as much as 16.9 volts. This should be closely supervised so as not to exceed full charge.

Next, recheck the electrolyte level and add water if required. Let the battery cool so the case contracts enough to fit into its typically tight little holder. Run the new breather tube, if the battery comes along with one, carefully through the original factory routing.

Things to Remember when Charging the Battery:

Checking And Charging Motorcycle Batteries

- 1.First of all, it is important to remember that Red is positive and Black is negative in order to avoid any accidents such as short-circuits and nasty shocks.
- 2.The charger should be compatible with the motorcycle battery, and give a greater output than the battery voltage but not too high.
- 3.Make sure the connections are clean and the electrolyte is at the upper level, and don't fill the cells up to the very top of the battery.
- 4.You can either use an optimizer on the battery which can effectively switch off the battery when it's charged and prevents overheating, or disconnect it manually.
- 5.It is recommended to put your battery on charge every two or three weeks.
- 6.An upper and lower level battery should have all the cells on the upper level, not over and never under the lower level.
- 7.For topping off the low cells, use only distilled water.
- 8.The minimum charge for a new batter should be at least for 8 hours.
- 9.If you have a dry battery, fill the cells slowly and leave the battery for around half an hour.

<http://batteries-hq.com/>

Batteries HQ: everything you need to know about batteries.

Lawn Mower Batteries

By A.Caxton

Batteries are used in lawn mowers for many purposes. Batteries are used in diesel engines for starting and in cordless lawn mowers for powering the lawn mowers. Read all about the batteries used in lawn mowers here.

The Basic Ingredient – Lawn Mower Batteries

Batteries are used in almost all the lawn mowers expect for the electric lawn mowers. Here also the batteries may be used for remote control of the lawn mower.

The Lead Acid Battery

The lead acid batteries are basic batteries in any equipment, this was the only battery available for use until the Ni-Cad batteries, and the NiMH batteries came on the scene.

Checking And Charging Motorcycle Batteries

The lead acid batteries are used extensively for many purposes all over the world, these batteries are cheaper compared to the Ni-cad or NiMH batteries, and they continue to be used for many purposes including the starting for engines of lawn mowers. However, here we will talk of the batteries for cordless lawn mowers.

Lead Acid Batteries For Lawn Mowers

Lead acid batteries are used in many cordless lawn mowers and they work effectively as the maintenance free Ni-cad batteries. The lead acid batteries require topping of the battery with distilled water at regular intervals and this is the only drawback of these batteries.

The well-attended batteries give you a trouble free service for a long time, but as the humans have tendency to neglect the proper working equipment until it breaks down. This is the reason why lead acid batteries are neglected lot even when they are workhorses of the world.

Ni-Cad Batteries

Ni-Cad are maintenance free batteries and require very little attention other than the topping up at intervals of 6 to 8 months and charging only when the batteries go down.

Memory Effect For Ni-Cad Batteries

Memory effect in Ni-cad batteries is responsible for the batteries holding less than an optimum charge. This phenomenon is difficult to explain here but suffice it to say that it occurs when you start charging the batteries that are not completely discharged. When you habitually charge batteries every day irrespective of the condition of battery, the memory effect takes control and reduces the level of battery full charge.

The Ni-cad batteries are to be charged only when they are completely discharged. If you suspect that the batteries are not getting charged completely, you should discharge the batteries completely and

recharge them to full extent before using them.

Actually, the individual cells of battery batteries are to be discharged, but the batteries are sealed and as such, a common person does not have the facility for discharging individual cell.

Therefore, prevention is better than cure. Ni-cad batteries are to be used as per manufacturer's recommendations and that means discharging them completely before charging. This has to be followed scrupulously every time.

Battery Dos And Don'ts

In order that your battery serves you to full extent of its capacity, follow the following dos and don'ts.

Recharge batteries only after they are completely discharged

Checking And Charging Motorcycle Batteries

In lead acid batteries, do not top up the battery completely. Leave space for hydrogen generated to escape

Do not allow the batteries without charging. Charge as soon as possible

Do not add acid at any time. Adding acid might overcharge the batteries

When the engine is running do not disconnect the battery

Andrew Caxton publishes articles at

<http://www.lawn-mowers-and-garden-tractors.com>

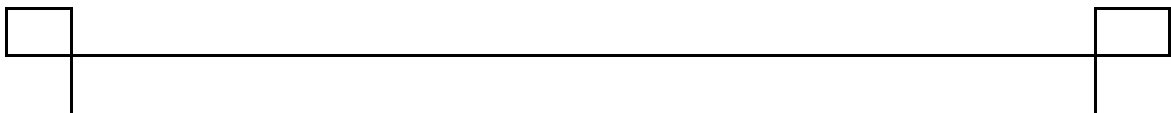
.He provides

tips and advice about lawnmower parts as well as on the lawnmowers at

<http://www.lawn-mowers-and-garden-tractors.com/lawn-mower-batteries.html>



This Free E-Book has been brought to you by Natural-Aging.com.



100% Effective Natural Hormone Treatment
Menopause, Andropause And Other Hormone Imbalances
Impair Healthy Healing In People Over The Age Of 30!