

This edition we're going to talk battery maintenance.

If you have a conventional battery like the Yuasa pictured below...



You need to properly maintain it by monitoring the fluid levels, level of charge, and cleanliness of the terminals making sure they're free from corrosion.

The below photo shows you how a hydrometer test is performed by drawing in electrolyte to verify the state of the battery's charge. As you can see this one shows a full charge by floating all of the colored balls.

This test should be performed with extreme caution as sulfuric acid electrolyte causes severe burns and blindness and all



battery manufacture precautions should be followed closely by qualified personnel. If the state of your charge doesn't show fully charged, connect to a proper charger and set the rate of charge to match the battery's specification, only after verifying the level of electrolyte.

Take time to inspect your battery terminals and terminal wires for any signs of corrosion. A solution of baking soda and water can be used to clean these and a stainless steel wire brush can assist in removing stubborn deposits. Always wear proper safety gear when doing any battery maintenance or cleaning.

Charge your battery at least once a month when storing your machine and disconnect the negative battery terminal to avoid any small discharge that's present within the circuit.