



Instructions to Change the Motor for a Hill Billy Trolley

In order to change the motor of your existing Hill Billy product you will need to carry out the following instructions

Equipment Needed :- Three sizes of cross head screwdriver.

TIP – Take a digital photograph of the motor and gearbox section of the trolley before you start, then, if you get stuck, you can refer to it later.

1. The Motor needs to be removed from the battery tray by removing the screws from the top right angle bracket, save these carefully for later.
2. Now undo the four screws that hold the battery tray to the motor bracket, these are the four closest to the motor. Be careful here as the battery tray and brackets also become loose. Set the bracket, tray and screws carefully to one side for later.
3. Unplug the brown and blue wires that come out from the motor and tip the motor forward.
4. Now undo the two screws that connect the motor to the gearbox and carefully pull apart.
5. Noting how the motor/gearbox coupling is situated, put the old coupling onto your new motor and carefully push the motor and gearbox together. **NOTE** the motor has the wires coming out of the right when viewed from underneath. Now add the two screws that hold the motor and gearbox together.
6. Now reassemble the bracket around the motor taking care that the battery tray brackets are all in place, now screw the bracket into place using all 8 screws.
7. The top L shaped bracket can now be re fitted.
8. It is important when re wiring that the blue wire from the motor goes to the blue wire from the controller and the brown goes to brown.
9. Now connect your battery and test.
10. If you find that there is excessive noise from the motor/gearbox area, chock the trolley up so that the wheels are off the floor, and loosen the two screws that join the motor and gearbox **slightly**, now, with the motor running twist the motor gently from one side to the other until the quietest position is found, now do the screws back up firmly.

GolfStream International Limited, Lakesview Business Park, Canterbury, Kent. CT3 4JH

Telephone: 01227 713173

Fax: 01227 719884

E-Mail: sales@golfstream.co.uk

Website: www.golfstream.co.uk