

ESG870 250W Lighting Stator Fitting Instructions

APPLICATIONS

Yamaha YFZ 350 Banshee

Read these instructions completely

Step 1

Take the ignition cover off. **Are The Replacement Parts Similar?** Compare the replacement part to the original. The replacement part should match, including the mounting hole locations. If not: Double check the application listing with your bike.

Step 2

Remove the side cover, and use a proper rotor puller to remove the flywheel. Disconnect the wires emerging from the stator where they plug into the wiring loom. Remove the screws that hold the baseplate with the stator, take the setup from the bike

Step 3

Remove the mounting screws that hold the original stator on its backplate. Cut the wires that come from the original stator (YELLOW, RED AND GREEN) close to it and lay the stator aside.

Step 4

Now mount the new stator unit on the backplate. You will only be able to fit all three screws when the stator is in it's correct place. Otherwise turn it 120 degrees. Use locking compound on the screws, and ensure the screws are tight!

Step 5

Connect the RED and the GREEN wires up to the original wires with the same color. Preferably use high quality crimps, or use solder. Make sure you insulate the connections properly.

Step 6

Connect one of the YELLOW or WHITE output wires from the new stator to the original YELLOW wire, make sure you have perfect connections here that are insulated.

Step 7

Run the second YELLOW or WHITE output wire through the rubber grommet, and alongside the original wiring. NOTE: There are TWO YELLOW or WHITE output wires emerging from our new ESG870 unit. One is capable of powering up to 165W of lights. The other should connect to the original lighting system.

Note: Need more lighting?

If you desire more lighting power than the supplied 165W you can hook up the extra YELLOW or WHITE output wire to the bike, and use an extra 12V-AC regulator and connect it to additional lights. Note: This one can drive up to 100W. If you don't need the extra output, leave this wire unconnected and insulate it properly.

Step 8

Refit the backplate onto the engine. Use tie-raps to prevent the wires touching the flywheel. Refit the flywheel, and again, ensure the wires cannot touch it!

Step 9

Connect the block connector to the wiring loom. If you use the extra lighting output, make sure you have a good connection to the extra lights.



Troubleshooting

If the charging system is still not working: *Before calling technical support at ElectroSport, perform a few basic tests:* 1) Re-check the connections, Be sure that you have soldered carefully. Twisting wires together or taping wires will not work. 2) Download ElectroSport's comprehensive FAULT-FINDING CHART FOR MOTORCYCLE CHARGING SYSTEMS from at: <http://www.electrosport.com> and follow all the procedures listed.