

ESG410 Lighting Circuit Configurations

APPLICATIONS

Honda XR600 all models

Standard Lighting Circuit

Note

This stator replaces the original unit and provides up to 2x 100 Watts of lighting. The stator can be used with a single 100W headlight, and a single taillight. To get maximum output, you will need to use a second headlight and hook up the extra 100W output lead that this new ESG410 stator supplies.

Step 1

Remove side cover and disconnect the stator leads. Remove the original stator from the sidecover.

Step 2

Mount the new stator in place. It will fit the same way as the original unit. Feed the leads out. Use locking compound on the screw threads, to prevent the new stator from coming loose.

Step 3

Refit the stator cover, and take a look at diagram 1. The new stator will hook up to the original BLACK/RED ignition wire. It will also connect to the original BLUE wire. We recommend upgrading the original AC regulator to our ESR020 unit. That is a straight replacement and the ESR020 can easily cope with the high power this new ESG410 stator supplies.

Step 4

Hook up the BLACK wire from the stator to the original BLACK/RED wire. Hook up the WHITE wire to the original BLUE wire.

High Output Lighting Circuit

If you look at diagram 2 you can see that the new ESG410 stator has not one, but TWO lighting outputs (the WHITE wires). These outputs can each provide up to 100W of lighting, a big increase over the stock 45W available. If you need extra lighting, you need to mount a second headlight on the bike, and feed the second white wire to that headlight. You will also need a second ESR020 AC regulator to prevent the bulb from blowing.

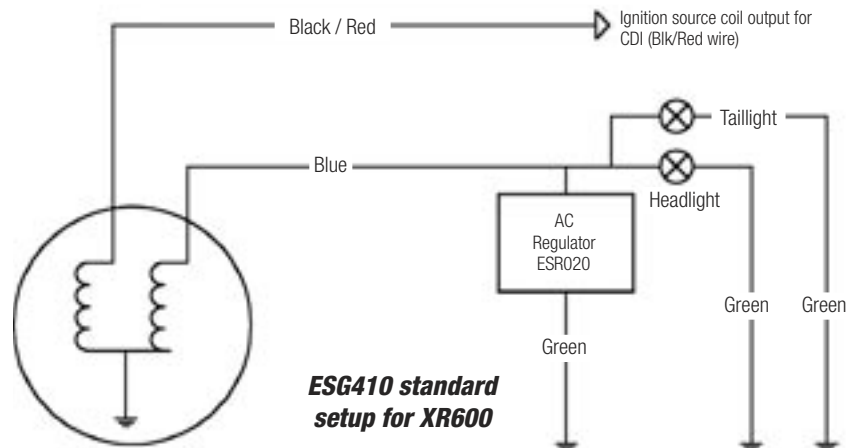
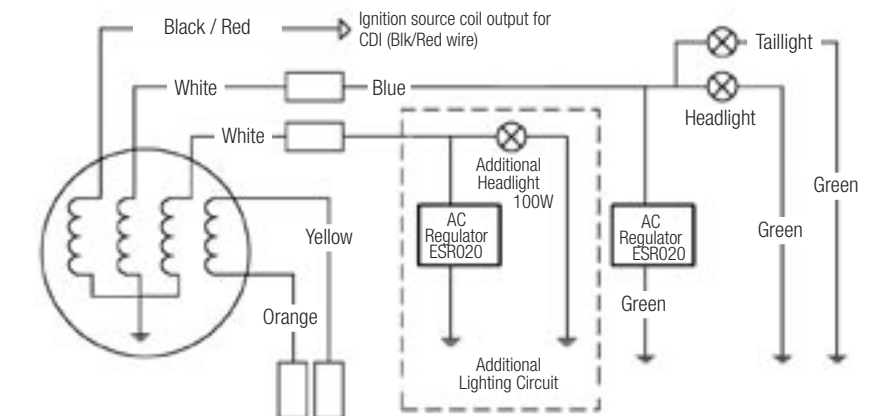


Diagram 1



ESG410 high power lighting setup for XR600

Diagram 2

Troubleshooting

Engine will not start: Sometimes the source coil wires are reversed. Swap the connections, resolder the wires and the engine should start. If the engine still does not start, and **before calling technical support at ElectroSport**, preform a few basic tests: 1) Re-check the connections. Make sure you carefully solder the connections. Twisting wires together or taping wires will cause engine inoperability. 2) Check the engine for spark and 3) Is fresh fuel in the gas tank? If you still cannot get the engine to start, have all your testing information ready for a technician prior to calling.