

ESL130 Ignition/Lighting Stator Fitting Instructions

APPLICATIONS

Kawasaki KX80 1992-ON, KX100 1992-ON, KX125 1992-95, KX250 1992-95

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

Take note of the wire colors of the original stator wires and disconnect them from the wiring loom.

Step 3

Remove the flywheel using a proper puller tool.

Step 4

Remove the baseplate with the original stator.

Step 5

Remove the screws that secure the SMALL upper ignition coil and take it off.

Step 6

Cut the original wires close to the original ignition coils. Take a good look at how the wires are connected to the coils. (at which side of the original coils and where each wire color goes)

Connections

Connect the ESL130 RED lead to the original RED wire, and connect the ESL130 WHITE lead to the original WHITE wire. The lighting output wire is the YELLOW lead. You can run it straight to the lighting system. However it is better to use a 12V-AC regulator (ERG-200) parallel in circuit.

Step 7

For more info on lighting setups take a look at the universal instructions for fitting lighting coils

Step 8

Connect the old wires up to the new coil. Put the wires in exactly the same place as on the original. Make sure you have good connections here. Use high quality crimps or solder, and insulate the connections with heat shrinking sleeve

Step 9

Mount the coil onto the baseplate, fit the screws using locking compound on the threads and **TIGHTEN THE SCREWS SECURELY!**

Step 10

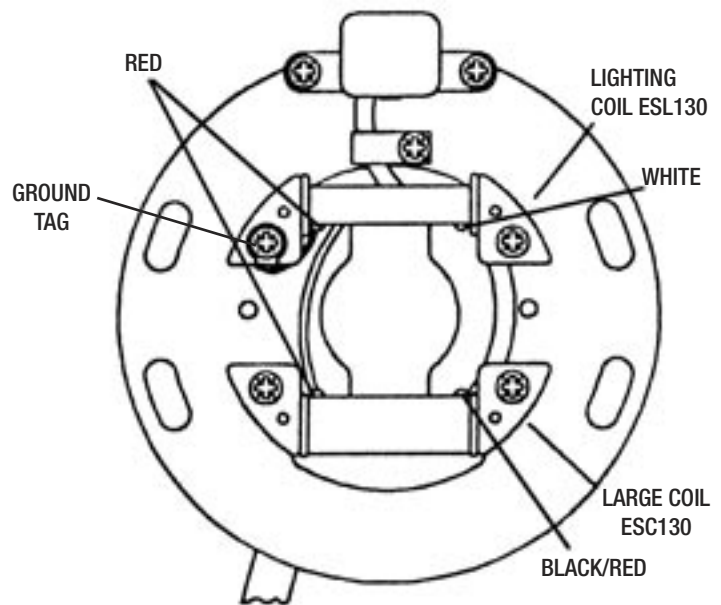
Refit the stator baseplate. Ensure the wires **CANNOT TOUCH THE FLYWHEEL!** (especially on the inside of the flywheel)

Step 11

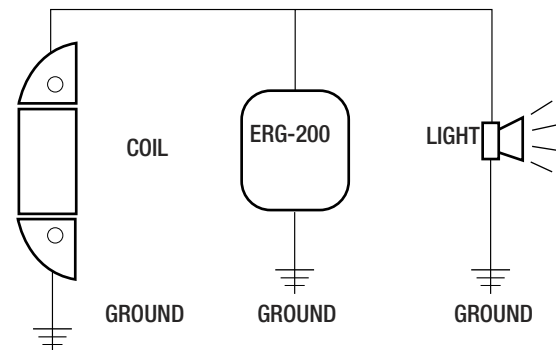
Refit the flywheel. Tighten the bolt to specified torque.

Step 12

Connect the wires to the wiring loom on the bike. Fit the ignition cover.



RG-20 Installation



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.