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ESC1800 Ignition Coil Fitting Instructions

APPLICATION

Yamaha PW80

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 coil.

Step 5

Remove the screws that secure the coil and take the coil off.

Step 6

Cut the original BLACK/RED wire close to the original coil. Take a good look at how the wire is connected to the coil.

Connections

Connect the old BLACK/RED wire up to the new C18 coil. The other side needs to be grounded. Use a soldering iron and resin core solder (the type used in electrical applications).

Step 7

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

Step 8

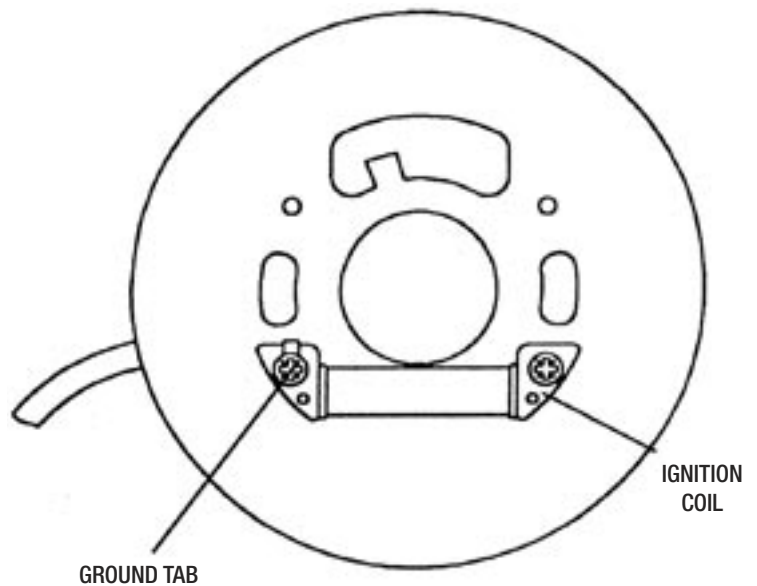
Refit the stator baseplate. Ensure the wires **CANNOT TOUCH THE FLYWHEEL!** (especially on the inside of the flywheel)

Step 9

Refit the flywheel. Tighten the bolt to specified torque.

Step 10

Fit the ignition cover.



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.