

ESC1700 IGNITION COIL - Fitting

APPLCIATION: YAMAHA PW50

Step 1 Take the ignition cover off. Are The Replacement Parts Similar? Compare the replacement part to the original. The replacement part can look different because of the winding technology used, but the mounting hole locations should match. Be sure to note the location of the OEM part on the baseplate and which wires are connecting to it.

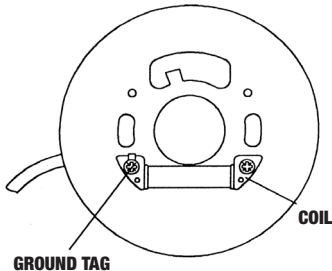
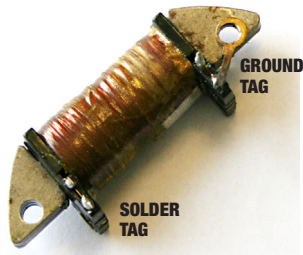
Step 2 Take note of the wire colors of the original coil wires and disconnect them from the wiring loom.

Step 3 Remove the flywheel using a proper puller tool. Remove the baseplate with the original coil. Remove the screws that secure the coil and take the coil off.

Step 4 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 coil. opposite of the ground tag. Use a soldering iron and resin core solder (the type used in electrical applications). Mount the coil onto the baseplate, fit the screws using locking compound on the threads and **TIGHTEN THE SCREWS SECURELY!**

Step 5 Refit the stator baseplate. Ensure the wires **CANNOT TOUCH THE FLYWHEEL!** (especially on the inside of the flywheel) Refit the flywheel. Tighten the bolt to specified torque. Fit the ignition cover.



Troubleshooting: Engine will not start: Sometimes the source coil wires are reversed on the smaller coil. You can test this by swapping out the connections. For OHMS testing, measure from the ground tag and solder tag. The OMS reading in the factory service manual will most likely be different than what is listed for the replacement part. This is due to the high performance winding technology. If you have further technical questions, please refer to your service manual.

OHMS READING COIL: 230 Ω \pm 10%