

ESC6162 Ignition Coil Set - Fitting

YAMAHA YZ125 (1977-1986) and YZ250 (1977-1986)

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 Remove the screws that hold the two coils in place and remove the coils with all wiring. Disconnect the ground connection that is held under one of the mounting screws (if it's fitted). Note the position and location of the wires and ground connection (the black wire with the ring terminal) and where the bigger coil is located, so you don't accidentally mount the new coils in the wrong place.

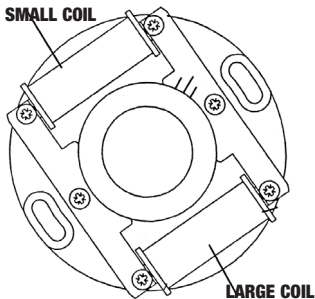
Step 3 Cut the wires on the original coils about four inches behind the connectors at the end. Pull the wires from the rubber grommet. The grommet is to be re-used.

Step 4 Fit the new two coils in place (you noted where the original bigger coil was located, putting the new largest coil of the two in the same position). Use the drawing as a reference.

Step 5 The wire exits from the new coils should be facing you. Apply locking compound on the threads of the (preferably new) screws. **TIGHTEN THEM UP SECURELY!** Feed the wires through the holes in the grommet.

Step 6 Feed the wires (including the ground lead, if fitted) through the sleeving that is supplied, and connect the original block connector at the end. Just make sure you connect the wire colors correctly. Use high quality crimps or solder them, but use heatshrinking sleeve to insulate the connections.

Note: Ensure the wires **CANNOT TOUCH THE FLYWHEEL!** Finish by Refitting the ignition cover.



Troubleshooting: Engine will not start: For OHMS testing, measure from the wires as listed below. The OMS reading in the factory service manual will most likely be different than what is listed for this part. This is due to the high performance winding technology. If you have further technical questions, please refer to your service manual.

OHMS: Red to Brown 70 Ω \pm 10%

OHMS: Red to White/Red 100 Ω \pm 10%