

## ESL920 Stator - Fitting

### Applications: Honda CRF450

**NOTE:** The CR250 model is equipped with a servo motor driven exhaust valve. The entire output from the stator is fed to a regulator/rectifier unit that charges a capacitor which provides DC output for the ignition and exhaust servo motor system.

**Step 1** Remove ignition cover. Check the new parts and see if they are similar to the installed versions and if they match. If not, double check the application listing with your bike.

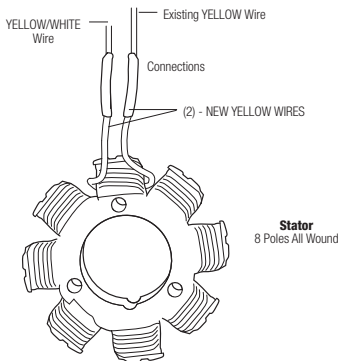
**Step 3** Disconnect the wires on the original stator from the wiring loom. Then, Remove the flywheel using a proper puller tool and remove the base plate with the original stator. Cut the wires close to the original stator, make a note of the connections on the original coils.

**Step 3** Mount the new stator onto the base plate. Fit the screws using locking compound on the threads. **TIGHTEN THE SCREWS SECURELY!**

**Step 4** Connect the old wires to the new stator in exactly the same position as on the original. Use high quality crimp connections, or solder the connections. (Use an electrical application resin core solder)

**Step 5 Soldering Tip:** After you trim away the plastic cover on the wire, add a dab of solder to each wire first. Then, solder the two pieces together be aware that solder doesn't work that well on older wires. Use heat shrinking sleeves to insulate each wire connection.

**Step 6** Refit the stator baseplate. Ensure the wires cannot touch the flywheel. Especially on the inside of the flywheel. Refit the flywheel, tighten bolt to specified torque. Connect the wires to the wiring loom on the bike, and fit the ignition cover.



**Troubleshooting:** Engine will not start: Sometimes the source coil wires are reversed. Swap the BLUE and WHITE wires, resolder the wires and the engine should start. For OHMS testing, measure from the BLUE to WHITE. 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 Yellow to Yellow Wire:  $1.5 \Omega \pm 10\%$**