



Instructions for Floating Coil Ground on KDX

1. The two yellow wires from the voltage regulator are the AC input leads. These connect to the two outputs from your lighting coil. You will have to remove the ground connection on the stator plate and add a new wire to allow the voltage regulator to work correctly. Remove the flywheel cover, flywheel and stator plate. The lighting coil is the large coil on the stator plate that has the yellow wire connected to it. Note that one end of the coil wire terminates in an eye terminal which attaches to the stator plate itself. Cut the enameled copper wire from the eye terminal, and scrape the clear enamel coating from the wire about 1/4 inch from its end. Using the small crimp ferrule supplied, connect this wire to the white Teflon insulated wire supplied. Solder this connection to make sure you have a good electrical joint. Next it would be a good idea to put some heat shrink over the connection, and zip tie the wire down so that it cannot move around freely and the joint cannot touch anything metal.

Next you will have to run the white wire through the rubber grommet block. Take a small awl or small sharp screwdriver and pierce a hole through the rubber. Strip back the wire about 1/4" bend it over the end of the screwdriver, lubricate it with oil and push it through the rubber block.

Now the white and yellow wires from the lighting coil will connect directly to the yellow wires from the rectifier/regulator. The red and black wires are the DC plus and negative outputs respectively. Wire the system as shown in the schematic below.

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