

# KX 250 lighting coil installation instructions

## Installation

- 1) Using a 8mm T handle or socket remove the four fasteners holding the stock ignition cover in place. Take care to retain the stock gasket or acquire a new one, since it will be used with the new ignition cover. **Newer model KX 250's have a flange plate riveted to the end of the stock flywheel. If your bike has this flange, it MUST be machined down to the same diameter as the stock flywheel. Failure to do this will result in coil damage.**
- 2) Using an impact wrench and a 17mm socket, remove the nut holding the stock flywheel.
- 3) Place the new flywheel weight on to the stock flywheel with the fastener, wave washer and spacer provided. Using an impact wrench and the 30mm socket, tighten the nut until the wave washer is flat. **DO NOT OVER TIGHTEN.**
- 4) Using a 3mm Allen wrench, install the stud provided into the upper rear hole in the cases.
- 5) Place the stock gasket on the case and slide the new ignition cover over the new flywheel using the stud for alignment.
- 6) Using four provided fasteners, install the cover. The tolerances are very tight, so you must get all of the fasteners started before you tighten them.
- 7) Remove the outer inspection cover from the stator (piece with E-LINE engraved in it.) Using feeler gauges, be sure the flywheel extension cannot touch the coil ring anywhere around its diameter. If it does touch, loosen the case fastening bolts slightly, adjust the case, and retighten.
- 8) Use one of the two yellow wires (doesn't matter which) as your hot lead and the pink wire as ground. Leave the remaining yellow wire taped back. If you are using this stator to power a Baja Designs dual sport kit, the yellow and pink wires will plug directly into the two yellow wires from the rectifier/regulator.