# L13 Lighting Coil

**Kawasaki KX80/100 1992 onwards**
**KX125/250 1992-95**

## FITTING INSTRUCTIONS

### READ THESE INSTRUCTIONS CAREFULLY

**Step 1** Take the ignition cover off. Check the new parts are similar to the old ones and that they match, including the mounting hole locations. If not, double check the application listing with your bike.

**Step 2** Make a note of the cable colours from the original stator and disconnect them from the wiring loom.

**Step 3** Remove the flywheel using a proper puller tool and remove the base-plate with the original stator.

**Step 4** Cut the original cables close to the original coil. Make a note of which cable colour goes to which side of the original coils.

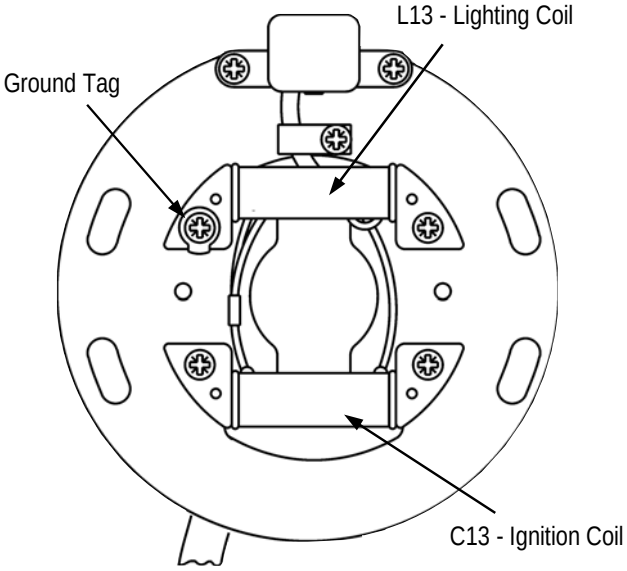
**Step 5** Mount the coil onto the base plate, making sure the ground tag is in place, fit the screws using locking compound on the threads and **tighten securely!**

**Step 6** The yellow lighting output cable can be run straight to the lighting system, however it is better to use a 12V-AC regulator (RG12) parallel in circuit (see below). Make sure you have a good connection here. Crimp or solder connections as appropriate. When crimping the connections use high quality crimps. If soldering use a resin core solder (the type used in electrical applications) but be aware that solder doesn't always work very well on older cables. If appropriate insulate the cable connections with a heat shrinking sleeve.

**Step 7** Refit the stator base-plate. Ensure the cables **cannot touch the flywheel** (especially on the inside of the flywheel). Refit the flywheel. Tighten the bolt to specified torque.

**Step 8** Connect the cables to the wiring loom on the bike.

**Step 9** Fit the ignition cover.





### TROUBLESHOOTING

**No lights?** Check earth continuity with the engine. If necessary add an extra earth cable between the engine and the frame.

**If the lighting still does not work:** Re-check the connections. Making sure they were carefully crimped or soldered.

**Note:** With AC lighting systems the output varies with the engine speed, don't expect bright lights at tick over speed.

To prevent bulbs blowing we recommend you fit a regulator (RG12) to your bike. Ring 01491 682369 to order one now.

**RG12 INSTALLATION**