

L99 Ignition/Lighting Coil

Honda CR250 1999 on



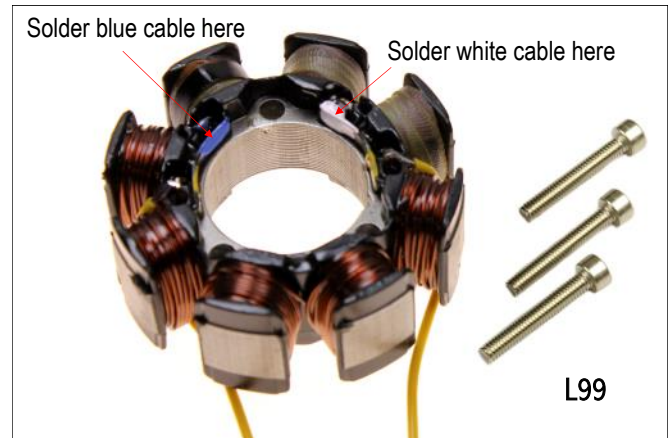
FITTING INSTRUCTIONS

Note:

This unit acts as a combined ignition and lighting stator coil.

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** Disconnect the cables on the original stator from the wiring loom.
- Step 3** Remove the flywheel using a proper puller tool and remove the base-plate with the original coil.
- Step 4** Cut the original cables close to the original coil.
- Step 5** Mount the new lighting/ignition coil onto the original stator base plate . Use locking compound on the threads and tighten the screws securely!
- Step 6** Carefully solder (use a resin core solder) the original blue and white cables to the white and blue markers on the terminals of the new coil (see connections table), making sure you have good connections here. It is best to 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 8** Crimp or solder the yellow cables for the lighting/battery connections. **See overleaf for wiring diagram** for either AC connections, using the RG6/12 regulator rectifier, DC connections using the RR120 regulator/rectifier and a battery and DC connections using our power pack (RR121C), with no battery.
- Note:** you cannot use LED lighting when using the AC system.
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 9** Refit the stator base-plate. Ensure the cables **cannot touch the flywheel** (especially on the inside of the flywheel).
- Step 10** Refit the flywheel. Tighten the bolt to specified torque.
- Step 11** Connect the cables to the wiring loom on the bike and refit ignition cover.



CONNECTIONS	
Existing wiring on CR250	connect to
CDI - White cable	Terminal with White marker
CDI - Blue cable	Terminal with Blue marker
Lighting/Battery	YELLOW x2

TROUBLESHOOTING

If the engine still does not start: Re-check the connections. Make sure you carefully crimp or solder the connections. Twisting cables together or taping cables may cause a poor spark or no spark at all.

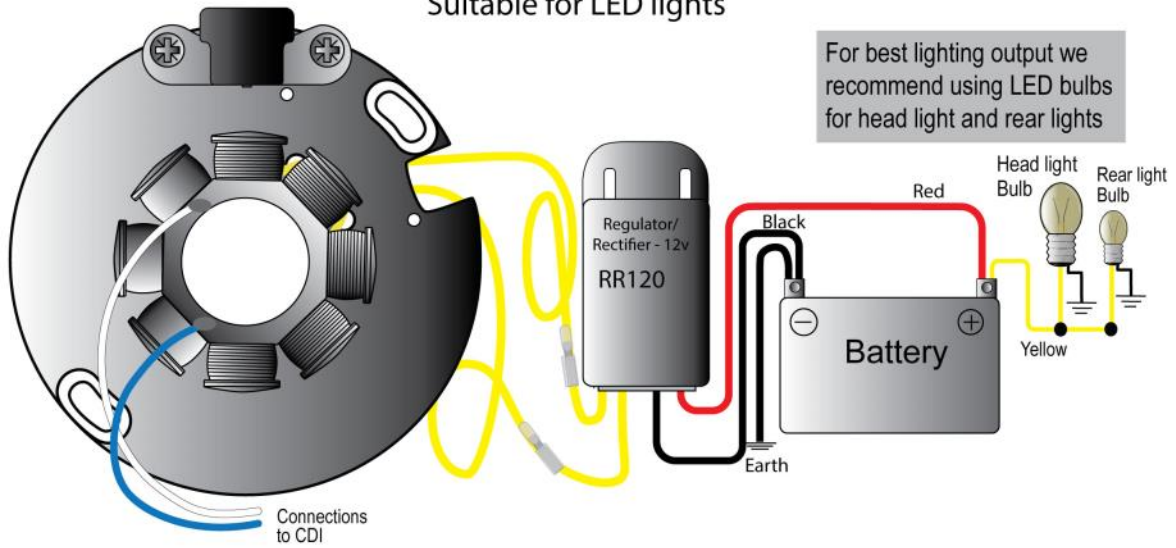
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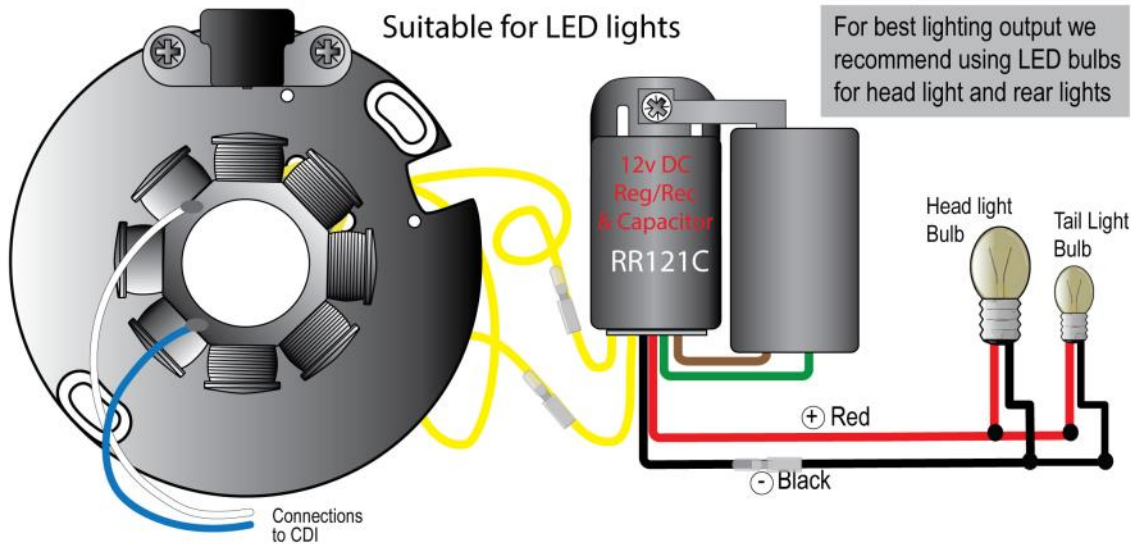
L-99 DC system with battery charging 12v

Suitable for LED lights



L-99 DC system with capacitor and no battery

Suitable for LED lights



L-99 Direct AC lighting without a battery

