



SC-1 Installation Guide

Thank you for purchasing our Kawasaki KH400 source coil assembly. This part has been specifically designed and up-rated for 3 cylinder engines that fire 3 times every crankshaft revolution. This places a lot of stress on the source windings so we have designed this part to supply more power and withstand higher temperatures.

Special Tools You'll Need

Electrician's snips
Multimeter
Soldering iron
Flywheel puller

To begin with follow the bike's manual and remove the flywheel. You can replace the source winding assembly with the generator back plate in situ or if you prefer remove it completely from the bike.

We recommend that you un-solder the wires that connect to the source winding. If they are frayed and tatty at the ends (from past replacement for example), cut the smallest length possible from the ends. You may have to pull the loom through a small amount to accommodate this.

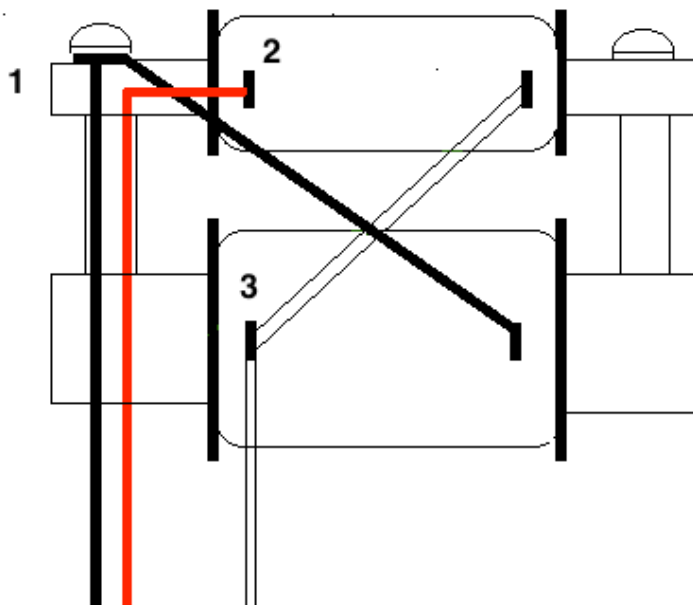
Remove the old source winding assembly.

Fit the new complete assembly, remove the nuts from the bottom these are only there to stop the spacers getting lost.

Put the heat shrink supplied with the part over the wires and solder them as shown below, this is exactly the same as they came off (1, 2 & 3). Solder the wires on top of tags, do not try and remove the assembled wires.

Ensure the wires are well tucked back from the crank shaft - remember the rotor makes the crank a wider diameter when fitted.

Fully assemble the flywheel to the crank and rotate it by hand with no spark plugs fitted. Ensure no part of the stator is touching the rotor. Even a light touch will cause windings to fail very quickly due to excessive heat.



KH400