



SC-2 Installation Guide

Thank you for purchasing our Suzuki GT250/500 source coil assembly. This part has been specifically designed for the GT engines to give a better spark than standard without over stressing the Suzuki CDI unit. The GT engines fire once every crankshaft revolution and our replacement source coil assembly has been designed specifically to give reliable performance in this application.

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, take care using the puller, do not screw it in too far or you will damage the lighting coils. 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 need to pull through the generator loom a very small amount to accommodate this.

Remove the old source winding assembly.

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

Solder the wires 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 first.

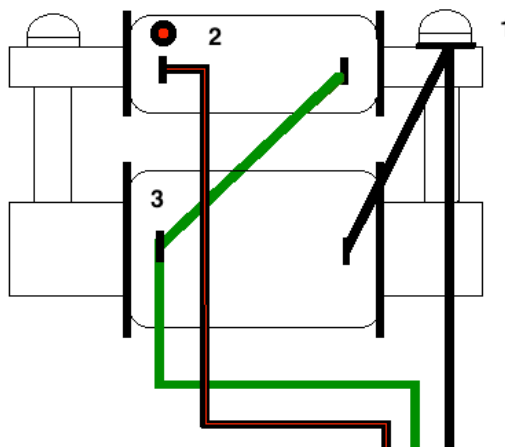
Put the heat shrink supplied with the part over the wires and solder them as shown below, this is exactly the same as they came off (1, 2 & 3). Solder the wires on top of tags, do not try and remove the assembled wires.

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.

**Use extreme caution
with the flywheel puller.**

If you screw in the 3 bolts more than 7 turns in to the flywheel they will hit the windings below and destroy them.



Suzuki GT250/500 Source Windings