

ST5500L/ST5410L/ST5525L SEM replacement

Unit 44/45 Vanalloys Business Park
Stoke Row Oxon RG9 5OB
t: ++44(0)1491 682369
f: ++44(0)1491 682286
e: electrex@btinternet.com
w: www.electrexworld.co.uk



FITTING INSTRUCTIONS

READ THESE INSTRUCTIONS CAREFULLY

- Step 1** Take off the stator cover.
- Step 2** Remove the flywheel using a proper puller tool and remove the base-plate with the original stator.
- Step 3** Disconnect the cables on the original stator from the wiring loom.
- Step 4** If the original has a rubber grommet fitted you can remove this by splitting with a sharp knife and fit on the new stator, reseal using **cyanoacrylate** (superglue).
- Step 5** Replace the ST5500L/ST5410L/ST5525L exactly as original. You must use locking compound on the threads. Tighten the screws securely!
- Step 6** See line drawings below for ignition and single and three phase connections.
- Step 7** Refit the flywheel. Tighten the bolt to specified torque.
- Step 8** Fit the stator cover.

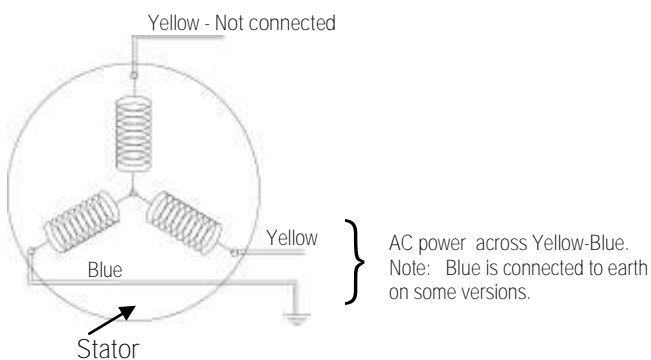
Ignition Connections

The red, green & black cables connect to your CDI unit as per the original stator for both single and three phase versions.

Stator Connections

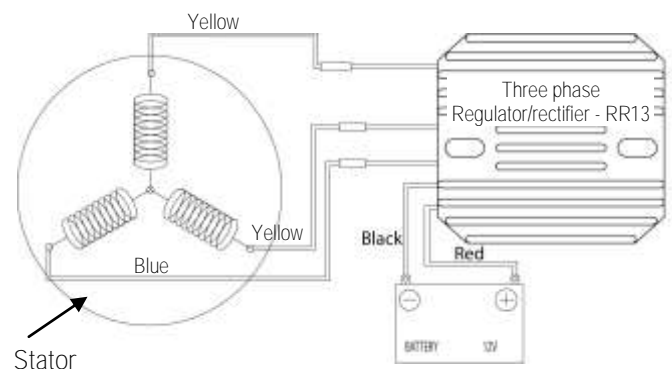
The stator is made as a three phase unit but can also be connected as original (single phase) - see diagram (left) below.

Connections as original - Single phase output



Connections for three phase output

For maximum generator output where DC power is required
New three phase regulator/rectifier required - part no. RR13



**ST5500L,
ST5410L,
ST5525L**



If required, we have available
a replacement CDI and
separate HT coil.