

## FITTING INSTRUCTIONS REGULATOR/RECTIFIER RR77

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The RR77 is a Alternator Controller (a special type of Regulator/Rectifier) for use with an energised field Alternator, as fitted to Suzuki GT380/550/750. It replaces the regulator as well as the rectifier you currently have installed on your bike.

Installation is very easy:

### 1) Connect the rectifier.

The RR77 has the same 6 way block connector as your old rectifier. Simply unplug your old rectifier, and plug in the RR77.

ORIGINAL BIKE WIRE	RR77 WIRE	FUNCTION
3x Yellow	3x Yellow	3 phases from alternator stator
Red	Red	Charging current to battery (+)

### 2) Connect the regulator.

The RR77 has the same 3 way block connector as your old regulator. Simply unplug your old regulator, and plug in the RR77.

ORIGINAL BIKE WIRE	RR77 WIRE	FUNCTION
Orange	Pink	Switched positive voltage from the ignition switch
Green	Green	Battery (+) current to the field coil (+ end)
Black/white	Black	Current return from the field coil (groundy end)

### 3) Connect the black ring tag.

The black ring tag wire must be connected to the metal mounting plate on the bike where the RR77 attaches. This is also the mounting plate for other electrical components including the starter relay. The case of the RR77 is electrically isolated from any circuits, hence the black ring tag MUST be attached to that metal mounting plate. This is the battery negative (ground).

### IMPORTANT:

Please check that the metal mounting plate is also connected by a fat wire to the bike frame (ground). If that wire is not present, it is possible that all the battery charge current will flow through the skinny black wire (from the 3 way block connector to the field coil) – this will damage and void your new RR77 warranty.

