

CHARGING SYSTEM

GROUP

8

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8-1 GENERAL DESCRIPTION

DESCRIPTION

The charging system for the CB750 is made up of the excited field 3-phase alternator, rectifier, voltage regulator and the fuse. The alternator consists of the battery excited field coil, stator coil and the rotor; it does not, however, contain a slip-ring or brushes.

In order for the stator coil to produce a constant voltage, the current from the battery to produce the exciter field is regulated to very close limits by the dual contact regulator. The output from the alternator is rectified by the silicon rectifier before being sent to re-charge the battery.

The regulator has two different types of function depending upon the charge condition of the battery.