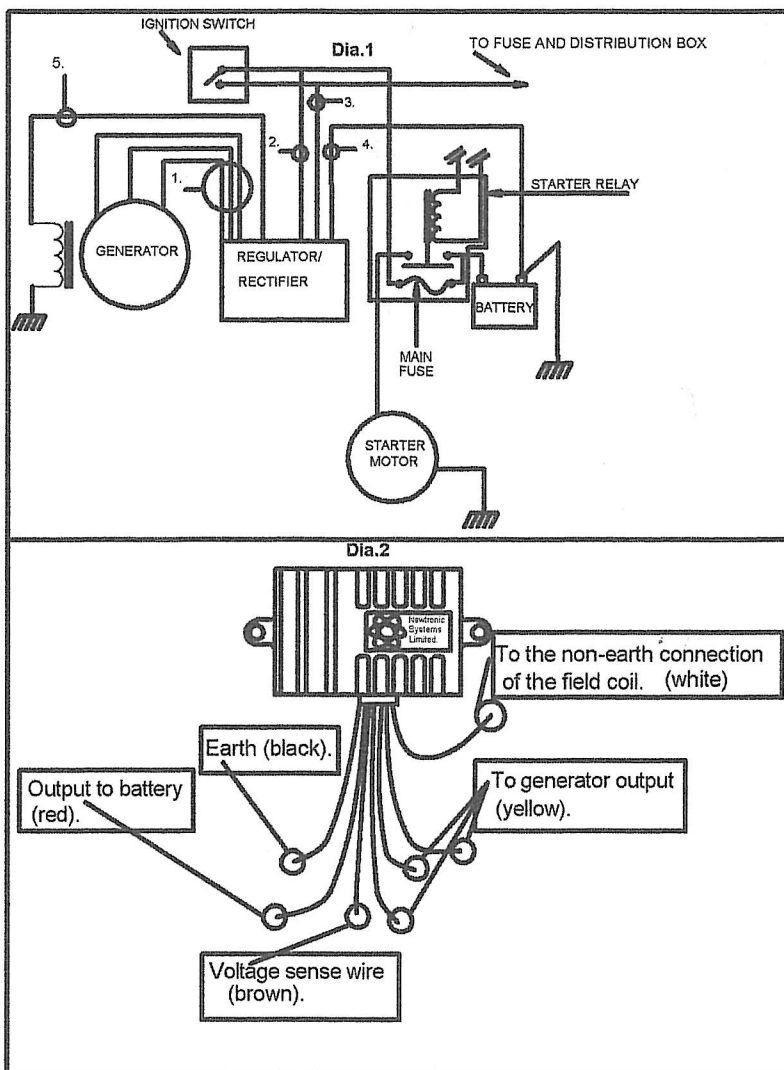


REGULATOR / RECTIFIER TYPE 'FCT'.

FOR EARTHED FIELD ALTERNATORS.



This regulator / rectifier is suitable for field control type alternators ONLY with a wire wound rotor (or 'field winding') as distinct from permanent magnet rotors which are in extensive use.

You should check that you have the correct type unit before you proceed. If in doubt consult your handbook and wiring diagram. Technical assistance can also be obtained from our factory by calling the number below.

The alternator on your bike will have two connections to the field winding. These may be carbon brushes and 'slip rings' or permanent wire connections in the case of static field coil types. One of these wires should go to earth (battery - ve, alternator frame etc.), if not, make a connection at a suitable point.

You will see that there are seven wires from the unit. These are described below:

- 1 YELLOW - These three wires go to the alternator output.
- 2 RED - Output wire from the regulator/rectifier and goes battery positive.
- 4 BLACK - Earth wire and should go to the frame or battery negative.
- 5 WHITE - Field control wire goes to the non earthed field winding connection.
- 3 BROWN - Must be connected to the load side of the ignition switch.

Some machines have separate rectifiers and regulators. The general instructions apply but first identify which wires are connected to what on the bikes wiring diagram before commencing.

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Unit 3

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