

APPLICATIONS: Yamaha XS650 (Older points based models) and other applications

Wiring Code

RED: Positive, BLACK: Ground
WHITE: Phase input from stator
BROWN: Voltage sensing input from ignition switch
GREEN: Switched ground output for the alternator field

Installation

This unit replaces both the original rectifier and the (mechanical) regulator. Remove the rectifier, and plug in the six way block connector. Remove the regulator and plug the block connector in to the original regulator plug. Mount the part in a suitable location. Grounding the housing is unnecessary, the black wire in the block connector takes care of that.

Carefully unplug all block connectors from existing wiring harness. Unscrew mounting bolts from defective regulator rectifier. Be sure to retain the bolts.

Locate the new part into position and fasten with previously removed bolts. Carefully plug together block connectors into existing wiring harness. Make sure you have seated all connectors snugly.

Complete by making sure that all wiring is tucked away and will not rub the frame. If necessary use a few tie wraps to secure the wiring harness.



NOTE: If you need to modify the connector

It does not matter which regulator rectifier white wire connects to which yellow wire coming from the stator. The output from each is the same.

Note: Due to part improvements and redesigns, your part may look different from what is shown.



ESR350 Connector

Troubleshooting

If the charging system is still not working: *Before calling technical support at ElectroSport, perform a few basic tests:* 1) Re-check the connections, Be sure that you have used quality crimp connections. Twisting wires together or taping wires will not work. 2) Download ElectroSport's comprehensive FAULT-FINDING CHART from the technical area at <http://www.electrosport.com>

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