

INSTALLATION INSTRUCTIONS
for
SOLID STATE RECTIFIER/REGULATOR
#24-2089 for 70-79 XS650 YAMAHA

**Solid State Rectifier /Regulator Installs into Old Mechanical Regulator Location (Suggested)
#24-2089 comes with 20" wire leads and 2 Terminal Connector Block sets.**

Rectifier Side (6 space connector block)

<u>New Unit</u>		<u>Old Wiring</u>
3 - Yellow	to	3 - White
1 - Red	to	1 - Red
1 - Green	to	1 - Black

Regulator Side (3 space connector block)

<u>New Unit</u>		<u>Old Wiring</u>
Orange	to	Green
Blue	to	Brown
		Black*

* For an improved secondary ground run a black wire from the base of the new unit (#24-2089) and splice it into the battery negative (-) lead or run the wire to the black (-) wire in the connector block.

**New System should Charge at 14.5-15Volts @ about 2000RPM (Measured at battery Terminals)
Always check condition of other charging components to make sure they are operating correctly -
(Brushes, Battery (minimum 12.5Volts), Rotor, Stator, harness and alternator harness connections).
Old Mechanical regulator is identified by green tubular resistor running along base of metal cap.**