



INSTALLATION INSTRUCTIONS

PART NUMBER: 10-135H

DESCRIPTION: Charging System w/ Stock Stator and Rick's 3 Phase Rectifier/Regulator

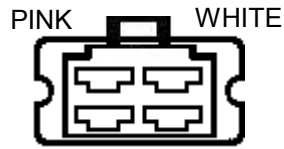
- 1) Electrically disconnect the existing rectifier and regulator, remove from bike.
- 2) Install / Mount the new Rectifier/Regulator (Rec/Reg case does not need to be electrically connected to ground, **if necessary can be mounted with cable-ties**).
- 3) Be sure the battery is sufficiently charged.

NOTE: There are 2 likely configurations to interconnect the OE Stator to the new Rectifier / Regulator. If your Stator has a **rectangular 4 gang connector**, proceed to Step 4 and disregard Step 5 and 6. If your Stator has a **round 7 pin connector**, we recommend replacing this connector since they are often brittle, and easily broken. Disregard Step 4 and proceed to step 5 and 6.

- 4) **RECTANGULAR STATOR CONNECTOR** - Electrically connect the Rectifier/Regulator as follows:
 - a) Install the original (light Green / Red stripe) "neutral switch" lead with male spade terminal (*from bike harness*) into the correct position of the (4) gang connector of the new Rec/Reg. If needed a new green "neutral switch" lead with terminal has been provided (*will require splicing into the existing lead of the bike harness*).
 - b) Insert the (3) **WHITE** Rec/Reg leads into the 3 remaining open positions, there is no sequence.
 - c) Plug the Stator connector into the Rec/Reg connector.
 - d) Connect the **RED** Lead from Rec/Reg to the "+" Positive Battery Terminal.
 - e) Connect the **BLACK** Lead from Rec/Reg to the "-" Negative (ground) Battery Terminal.
 - f) All other electrical connections should remain the same.
- 5) **ROUND STATOR CONNECTOR** -
 - a) Remove the OE round connector from the stator (minimize shortened leads by removing the female pins from connector body and cutting just behind the crimps or cut leads flush with back of connector.
 - b) Terminate the (3) stator leads (Pink, White, & Yellow) and the neutral lead (light Green / Red stripe) with the (4) Female spade terminals provided. See Typical Pin-out below.
Note: The position of the Pink, White and Yellow Stator leads in the connector body is not critical as long as they will be mating with WHITE Rectifier/Regulator leads.
- 6) Electrically connect the Rectifier/Regulator as follows:
 - a) Remove the harness side neutral terminal from its round connector and re-terminate it with a male spade terminal.
 - b) Install the harness side Neutral lead (light Green / Red stripe) into its correct position.
 - c) Insert the (3) **WHITE** Rec/Reg leads into the 3 remaining open positions, there is no sequence.
 - d) Plug the Stator connector into the Rec/Reg connector.
 - e) Connect the **RED** Lead from Rec/Reg to the "+" Positive Battery Terminal.
 - f) Connect the **BLACK** Lead from Rec/Reg to the "-" Negative (*ground*) Battery Terminal.
 - g) All other electrical connections should remain the same.

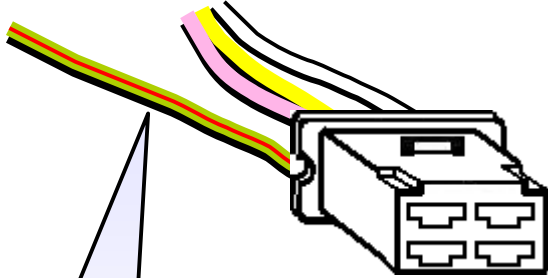
PN: 10-135H Pin-out Diagram

Typical Stator Pin-out



Light GREEN / RED YELLOW

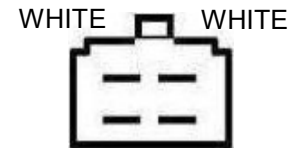
From Stator



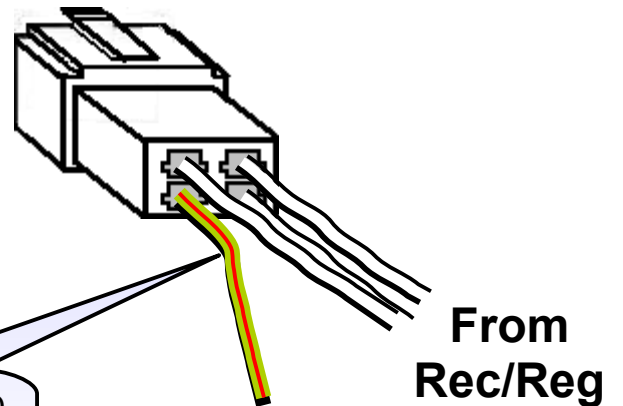
Light GREEN / RED
 (to Neutral Switch)

CONNECTOR FACE VIEW

Rec/Reg Pin-out



WHITE Light GREEN / RED
 (Neutral)



Light GREEN / RED
 (Neutral lead)
 to Bike Harness

From
 Rec/Reg