



## Headlight Kit Instructions

Yamaha TTR125 (electric start model only)

***Note:*** This kit will only work on the electric start model TTR125. The electric start models have dual output stators capable of 20w DC and 60w AC, while the kick start models do not.

***This kit will run the 35w headlight off the 60 AC power from the stator. This way the headlight will not put any strain on the battery or DC system of the motorcycle. The headlight will only work when the engine is running and the AC power is produced.***

### Wiring instructions

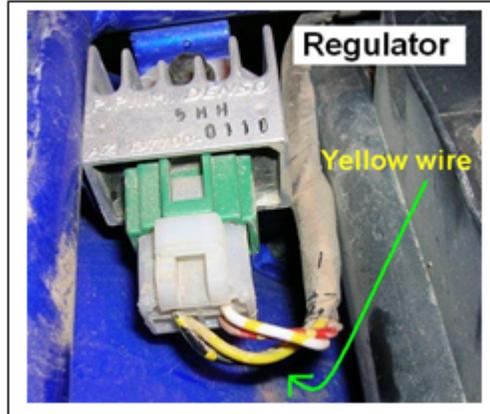
1. Remove the seat, fuel tank, and front number plate.
2. Install the On/Off switch to the handlebar in desired location. Route the wires carefully down the handlebar to the front of the motorcycle. It may be best to follow the kill switch wiring route along the handlebar. Secure with zip ties. Make certain the wire is safe from heat, pinching, or rubbing.



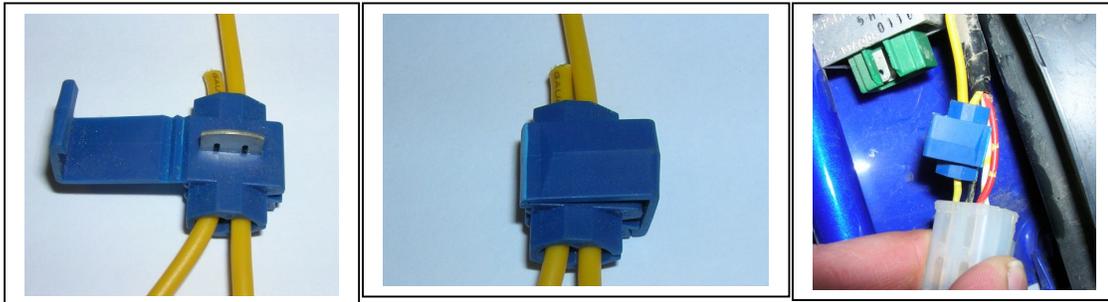
3. Route and install the ground wire by removing the 8mm head bolt on the coil (right side of bike under fuel tank) and reinstalling it through the ring connector. Route the ground wire up front to the headlight area. Use zip ties to secure.



4. Route the yellow wire from the wire harness to the regulator located under the seat. Follow the path of existing wires along the frame. Use zip ties to secure the wire. Make certain the wire is safe from heat, pinching, or rubbing.



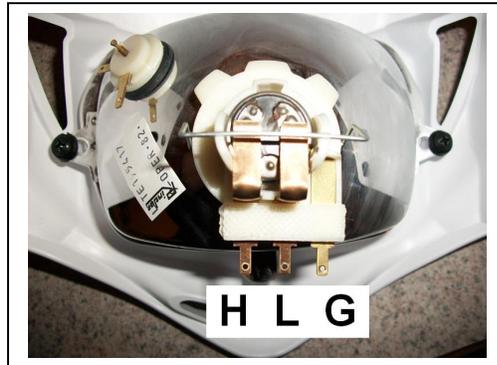
5. Locate the yellow wire coming from the regulator. Using the included Splice connector, splice the yellow wire from the regulator to the long yellow power wire included in the kit.



*Install splice connector, press down the metal splice (use pliers if needed), fold over tab.*

## Headlight Mounting

1. Attach the black headlight extensions on the inside of the main mounts using the included bolts, nuts, and washers. The extensions will allow you to run the brake cable/line behind the headlight (do not use the extensions if you want the cable to run in front of the headlight).
2. Attach the rubber straps on the inside of the black extension. They attach simply by pressing in sideways and the twisting to the correct position.
3. Plug the female connector from the switch to the headlight. The “RED” connector can be installed on the either the high beam terminal (“H”) or the low beam terminal (“L”) as you desire. Then connect the “BLACK” connector from the ground wire to the headlight terminal on the right (“G”).



4. Attach the headlight to the fork tubes using the rubber straps. Once the headlight is in place, double check all your connections and wiring. Make sure there is no interference with steering and that the wires are safe from heat, pinching, or wear.
5. Start the motorcycle and the light will work when the switch is on the “On” position.