

# IMPORTANT...PLEASE READ:

## Mean Streak Rear LED Turn Signal Assembly Installation Guide

### Tools Suggested

Metric socket and/or combination wrenches, wire cutter/stripper, soldering iron and solder, hacksaw, shrink wrap/electric tape, glue gun, silicone gasket sealer

### Note

Please note that the flash rate will vary from bike to bike based on the bike's total electrical load impedance, and can be modified with the installation of a load equalizer (not included). As stated on our conditions page @ [www.mbwmotorcycle.com](http://www.mbwmotorcycle.com) this is not an acceptable reason for refund/return.

PROCEDURE                      Average Time: 1-1½ HOURS

### Step 1 Remove rear fender.

- Remove the seat
- Unscrew the rear fender stay bolts on both sides
- Remove both rear fender stays, (commonly referred to as "strut covers") along with hook bracket
- Disconnect the rear turn signal and taillight sub harness connector
- Remove the rear fender mounting bolts
- Remove the rear fender rearward

### Step 2 Remove stock Turn Signal Assembly

- Turn the rear fender assembly upside down on a stable and covered/protected surface to prevent damaging the fender/paint.
- Remove the rear tail assembly and disconnect the three wiring harnesses, (left and right turn signal, and license plate light). THIS PART IS NO LONGER NEEDED!
- Remove the plastic tray that covers the rear electrical wiring harness, and trim the end of it with a hacksaw (or other appropriate cutting tool) to prevent it from showing when the bike is viewed from the sides or the rear.
- Cut the wiring harness connectors from the left and right turn signals. The license plate wiring harness can be taped underneath the plastic cover or utilized in a similar manner to power additional/related accessories, such as illuminated license plate frames, etc.

### Step 3 Wire LED turn signal assemblies into stock wiring harness.

- The stock wire color coding is as follows:

Rear Right Turn Signal: Gray, Black/Yellow – MBW Red to Gray, Black to Black/Yellow

Left Rear Turn Signal: Green, Black/Yellow – MBW Red to Green, Black to Black/Yellow

- Do not trim the wiring to the turn signal assembly until positioning it in relatively close proximity of the two mounting holes, underneath the fender.
- At this time complete a test of the assembly prior to soldering the wires to make sure it is functioning properly. It is now when you should determine whether or not you desire the use of a load equalizer, (not included), to modify the turn signals' blink rate.
- Solder the turn signals to their respective/corresponding wiring harness. If you intend on using shrink-wrap, slide it onto either one of the corresponding wires, before you start to solder.
- Once soldering is complete, heat up your shrink-wrap or wrap the connection tightly in electrical tape.
- Loosely fasten the bracket into position in the fender mounting holes, and affix the wires to the underside of the fender (using either tape, glue gun, or clear silicone sealer) leading them to the rear fender wiring harness area.
- Securely position your wiring and replace the plastic cover to cover it up.
- Firmly attach the assembly into place on the rear fender tail mounting holes. You'll note that the bracket is slotted to allow adjustment, (due to manufacturing variances in the fender), and you can additionally adjust the positioning of the bracket to your ideal position by placing shims or washers in front of or in back of the mounting holes, between the bracket and the fender.

Step 4 Reinstall rear fender

- Installation is the reverse of removal

Step 5

- You're done. What are you waiting for?!

***Time to ride...***