



# ***Retrofit Kit for Tri-Glide LED Mud Flaps***

## **INSTRUCTIONS**

(Please read all instructions before beginning install)

### **Parts included:**

- 2- Retrofit LED Mud Flap Backplates
- 2- Pairs of LED Light strips
- 6- Posi-Tap Connectors
- 4- Wiring Blocks
- 6- Zip Ties

### **Installation Steps:**

1.a Carefully remove the Chrome Plastic insert from the back of the Mud Flaps. Care should be used when doing this so that the rubber nipples that hold the insert in place are not broken. Spray Silicone will help with this process as well as a small flathead screwdriver to help start the nipple back through the hole in the insert.

2. These Retrofit Mud Flap backplates have a left and a right. Orient the Retrofit Mud Flap backplates so that the wires are closest to the trunk for easier wiring routing, keep this in mind for the next step.

3. Place the Retrofit backplates into position (larger LED light strip towards the top) and press the nipples through the holes in the backplate.

4. After the backplates are secured to the Mud Flap, thoroughly clean the area of the backplate with alcohol where the LED Strips will be affixed (in the cutout in the rubber). This must be done after the backplate is secured, because in the process of securing it, the backplate will be contaminated with residue from the rubber that will prevent the light strip from securing properly.

5. Once you have cleaned the backplate, you can now peel the protective film off the double-sided tape on the back of the LED strip, and secure it to the backplate being careful to center the LED light strips in their opening in the mud flap. Do this for all four LED Strips.

6. Once the backplates and LED lights are installed, run the wires from each Mud Flap up and

under the passenger seat. We have found that on the left side you can follow the factory wires along the fender well up to under the seat, and on the right side you can use the brake cable and a wiring block with a zip-tie between the fender well and the trunk for a clean install. (Sometimes a cleaner install can be done easier with the rear tires removed, however this is not necessary.)

7. Under the seat locate the plug for the rear lights, then locate the wires for each function (running, left turn/brake, right turn/brake, and ground) This can be done with a test light or a multi-meter.

8. Once the wires are located, use the Posi-Lock Connectors on the Mud Flaps to connect to the wires you have identified.. Unscrew the gray side and tap into the bike wire (there is no need to strip the wire, the sharp point of the Posi-Lock will pierce the plastic sheath and provide a good connection to the wire).

9. They are to be wired in as such:

The Black Wires are to be connected to a ground.

The Orange Wires (in some cases this wire may be white) are to be connected to the Running Light Wires.

The Red Wires are to be connected to the Brake/Turn Signal Wires. Be mindful that there is a left and right and should be wired as such.

10. Turn your key to the on position and verify the lights are working properly.

11. The last step is to fill in the holes of the backplates where the wires feed thru with silicone.

9. Reinstall your seat and GO FOR A RIDE!!!!

### **Important Notes:**

- The rider's safety depends on the correct installation of this kit. Installation requires a basic knowledge of how to use a test-light & a Multi-meter, as well as how wiring works. Hooking wires up incorrectly can damage the lights and/or the motorcycle's electrical system. Please read & follow the Instructions above. Please do not attempt if you have any doubts of your ability to install.
- If you wish to remove the rear tires so that you have lots of room to work, please follow the instructions in your service manual for removal and installation.
- It is important to check local laws or codes to make sure that the installation of this kit and/or the deletion of your factory turn signals will not violate any laws and will pass inspection in your area.

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.Note: The user shall determine suitability of this product for his or her use. The user shall

assume all risk for damage and liability to the vehicle and for compliance of any regulations and any incurred financial obligations due to vehicle inspections.