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# StreetGlow®

## NEON SHIFT ROD LINKAGE

for Harley Davidson only  
MCSH

### Installation Instructions

#### CONTENTS

1 - Neon shift rod linkage

1 - Neon transformer

1 - Switch with wire harness

All necessary mounting hardware and  
installation instruction

#### WARNING!

The retailer shall not be held responsible for any damages that occur as a result of defective products. StreetGlow products are recommended for show and off-road use only. Laws concerning the use of aftermarket lighting products may vary from state to state. For more information, check with your local authority.

#### 2 Year Limited Warranty

StreetGlow products are warranted against defects in the material and /or workmanship according to the following conditions and limitations:

1. Broken Glass, Labor and transportation are not covered regardless.
2. Warranty is valid for 2 years from date of purchase.
3. Proof of purchase is required to validate warranty.
4. All warranty claims are to be handled by selling agents.
5. Accident, abuse, neglect, improper installation, not used for its intended purpose are not covered. This warranty is limited to replacing the defective part without charge. The company in no event shall be held responsible for any consequential or special damages. This warranty gives you specific legal rights and you may also have rights which vary from state to state.

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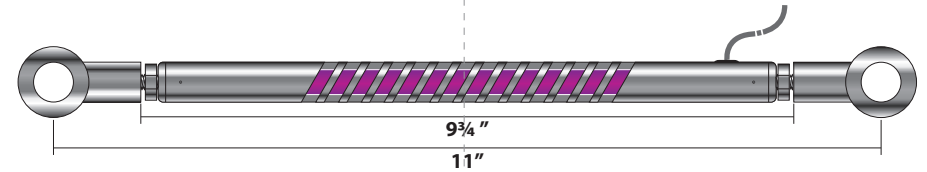
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### Installation Instructions



#### MOUNTING INSTALLATION (SHIFT ROD LINKAGE)

1. IMPORTANT!! Threaded on each end of the original shift rod are hime joints. These joints are the means to connect the shift rod linkage to the shift lever arm on one side and the transmission arm on the other.
2. Measure the length of the original shift rod linkage from the center point of the hole in each of the hime joints before removing the original shift rod. Taking an accurate measurement is a critical step to ensure proper gear shifting operation once the original shift rod linkage is replaced with the neon version.
3. Remove the original shift rod and hime joints as a complete assembly.
4. Remove the hime joints from original shift rod and re-install onto the neon shift rod.
5. Adjust the length of the neon shift rod to identical length of original shift rod (from measurements taken in Step 1) by making adjustments to the nuts on the hime joints.

NOTE: Should there be a need to increase the length shift rod linkage, 1" or 3" stainless steel extensions (MCSSE1 / 3) are available (sold separately).

6. Reinstall the neon shift rod assembly between the shift lever arm and transmission arm. Tighten hime joint nuts to secure the neon shift rod to the motorcycle.

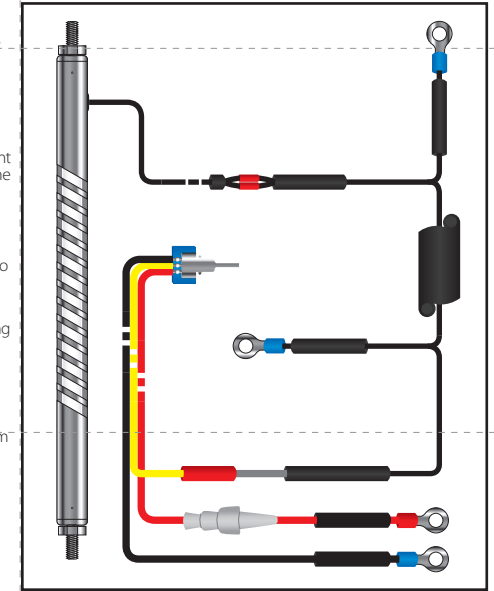
7. Test for proper gear shift operation. If the motorcycle does not shift properly, repeat steps 5 and 6.

NOTE: Be sure that the wiring from the neon shift rod linkage faces the rear the motorcycle

#### WIRING CONNECTIONS

NOTE: When routing the wires, keep them away from all moving parts and areas of extreme heat (particularly exhaust system components).

1. Choose a location to mount the Neon Transformer. This location must be accessible to both the On/Off Switch with Wire Harness and to the wire lead from the rear of the shift rod. A good location is under the seat. Attach with double sided tape or the plastic ties provided.
2. Choose a location to mount the On/Off Switch. This location must be accessible to both the battery and to the Neon Transformer. Drill a 1/4" hole to mount the On/Off Switch.
3. Connect the RED wire with the fuse from the On/Off Switch to the (+) 12V positive side of the battery using ring terminal and cover with smaller diameter heat shrink tubing. The ring terminal and the smaller diameter tubing are provided. Apply heat using a hair dryer or heat gun to shrink.
4. Connect the BLACK wire from the On/Off Switch (-) ground to the negative side of the battery using ring terminal and cover with smaller diameter heat shrink tubing. The ring terminal and the smaller diameter tubing are provided. Apply heat using a hair dryer or heat gun to shrink.
5. Connect the YELLOW wire from the On/Off Switch to the BLACK WITH WHITE STRIPE wire from the Neon Transformer using butt connector and then cover with smaller diameter heat shrink tubing. The butt connector and the smaller diameter tubing are provided. Apply heat using a hair dryer or heat gun to shrink.
6. Connect the BLACK wire from the Neon Transformer to a (-) ground bolt in the motorcycle frame.
7. Connect one of the two solid BLACK high voltage wires from the Neon Transformer to one of the two wires from the shift rod linkage using butt connectors. Repeat this procedure for the remaining two wires and cover both connections with smaller diameter heat shrink tubing. Apply heat using a hair dryer or heat gun to shrink.
8. Be sure that all of the wires described in Steps 3, 4, 5 and 6 are completely covered with the smaller diameter heat shrink tubing sleeves before crimping butt connectors.
9. Individually wrap each of the two butt connectors with larger diameter heat shrink tubing provided. Slide the larger diameter heat shrink tubing over the two butt connectors that attach the two solid BLACK high voltage wires to the two wires from the shift rod linkage (connected and heat shrunk in Step 7).
10. The Neon Shift Rod Linkage is ready to be tested.



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