



**INSTALLATION INSTRUCTIONS**  
**DRIVING LIGHTS, KIT, FORK MOUNT**  
**526-0002-xxx**

555-0001 Rev 4



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Please read and understand these instructions completely before installation to avoid possible injury to yourself, or damage to the accessory or vehicle

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This installation should be preformed by a qualified mechanic. Some components require information from the model's service manual for proper installation or adjustment. Be sure to have the service manual on hand, if necessary, before proceeding with the installation.

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**DEALER:**

These instructions contain important information for future reference and must be given to the customer.

**WARRANTY INFORMATION:**

Sharplines warrants that any Sharplines products sold hereunder, shall be free of defects in materials and workmanship for a period of 90 days from the date of purchase by the consumer except for the following provisions:

- Sharplines shall have no obligation in the event the customer is unable to provide a receipt showing the date the customer purchased the product(s).
- The product must be properly installed, maintained and operated under normal conditions.
- Sharplines shall not be liable for any consequential and incidental damages, including labor and paint, resulting from failure of a Sharplines product, failure to deliver, delay in delivery, delivery in nonconforming condition, or for any breach of contract or duty between Sharplines and a customer.
- Sharplines products are often intended for use in specific applications. Sharplines makes no warranty if a Sharplines product is used in applications other than intended.
- Sharplines electrical products are warranted for 90 days from the date of purchase by the consumer.

**1. PREPARATION:**

Park the motorcycle on a secure and level surface.

Turn off the ignition and allow the engine to cool.

Clean all mounting surfaces before beginning installation

**2. INSTALLATION:**



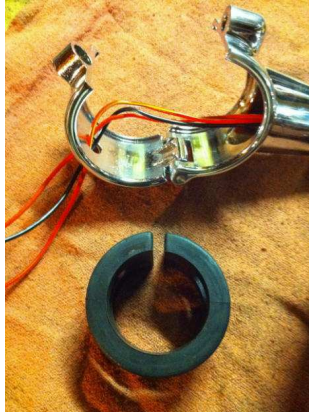
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For mounts installed with the lamps housing in the upside down position, the light bezel must be opened to rotate the reflector unit so that that the lens has its "TOP" marking facing up when installed.

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1. Determine the left and right side clamps. Only two features actually differentiate the two sides: the on/off switch that is only a one lamp and the fork tube clamp that are a mirror image of each other. You can determine which lamps are left and right based on your preference of on/off switch location and appearance or the mounting holes at the fork tube clamp, either inward or outward.
2. Select the proper rubber sleeves to match with your fork tube diameter:

- For 39mm fork tubes use 8.50 mm (0.335") thick rubber sleeves - marked with a "B" on its inside wall
  - For 41mm fork tubes use 7.75 mm (0.305") thick rubber sleeves - marked with a "A" on its inside wall
  - For 49mm fork tubes use 3.50 mm (0.138") thick rubber sleeves - no marking
3. The sleeves should be inserted into the aluminum clamps so that the wires path through the center of the cutouts in the sleeves.



4. Install the clamps at the desired height on the fork tubes. Make sure wire are not pinched and can move freely. Once the clamps are secured on the fork tube, loosen the lower screw for the adjustment of the passing lamp angle shown on the picture on the right. The screw doesn't need to be completely removed, a couple of counter clockwise turns should be enough allow adjustment:



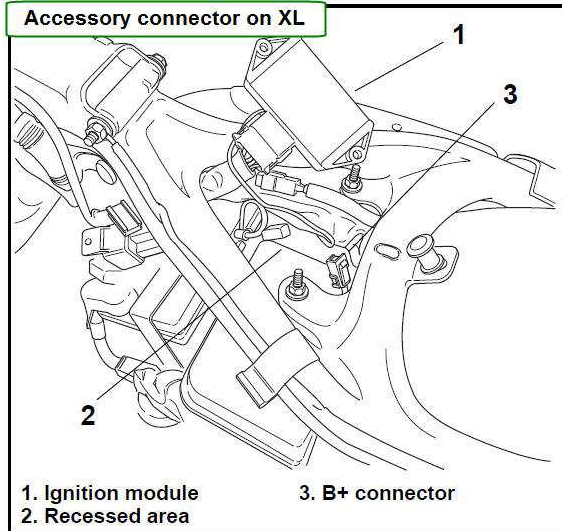
5. When the proper alignment is reached securely tighten the screw and loosen the side screw to adjust the tilt of the passing lamp. Once the proper tilt is reached securely tighten the screw. Repeat step 4 and 5 for the other side.
6. Check that the passing lamps clear all other components during steering by carefully turning the handlebar to full left and right lock position. If an interference is found, relocate the lamp and repeat the installation steps starting at step 4.



Secure all wiring away from any pinch points, moving parts or extreme heat. Sharplines Products will not honor any warranty claims on any electrical component that fails due to pinched, crimped, broken, abraded, melted or frayed wires.

7. Using a test light with the key in the "ON" position, locate a keyed 12-volt power wire to tie it to the red fused power wires using one of the wire tap connector provided.

- On Harley models it is highly recommended to tap into the accessory power line located under the seat. The line can be identified by finding the accessory connector (HD calls it B+). On 2004 and later XL models you have to move the ignition module out of the way to see the connector.



- Use a test light to confirm which wire is the accessory power (the other wire(s) in that connector will always be on, even with the ignition off).
- Once the optimal wiring path has been found apply heat shrink tubing as needed to protect and conceal the wires.
  - Connect the red power wire bullet connector coming from lamp to the fuse assembly.
  - Securely tie the two black ground cables from the lamps to a ground wire using the other wire tap connector.

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**!** Test lights for correct operation before riding motorcycle.

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- With the ignition key in the "ON" position test the toggle switch to ensure both lights come on and off properly. By leaving the toggle switch in the ON position turn the ignition key to the "OFF" position and confirm the lights turned off.

### **ESTIMATED TIME TO INSTALL:**

35 mins (can vary greatly from bike to bike)

### **MAINTENANCE:**

Periodically check all hardware for tightness and re-torque as required.

### **CARE AND CLEANING:**

Wash using a mild soap and water solution and soft cloth.

### **CUSTOMER SERVICE:**

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# Wire Diagram

