



# LIGHTED LICENSE PLATE FRAME

**WARNING** This indication alerts you to the fact that ignoring the contents described herein can result in potential serious injury or death if not followed.

**CAUTION** This indication alerts you to the fact that ignoring the contents described herein can or will result in material damage and/or personal injury.

**ATTENTION** This indication alerts you to the fact if you ignore this detail you will affect the performance or functionality of the product.

All Ciro products are designed for "easy assembly" and/or "plug and play". We recommend a competent mechanic install our products, using standard mechanical procedures to assure a safe and successful installation. Read completely and understand the instructions prior to starting installation.

NOTE: Ciro products are designed and manufactured under very strict quality control. Ciro warrants that products sold to the original purchaser shall be free from any defects in materials and workmanship for a period of 3 (three) years from the date of purchase, and a lifetime warranty against LED failure. Ciro will have no obligation if the customer cannot show proof of purchase. Warranty will not be granted unless the part is properly installed and maintained. Ciro will not be liable for any consequential and incidental damages, including labor, or non-Ciro products. Please visit [Ciro3d.com](http://Ciro3d.com) for our complete warranty policy.

## Installation Instructions:

- Step 1** Park on a level surface, allow the vehicle to cool. While not necessary, a jack under the frame of the motorcycle to lift the bike and allow the rear suspension to extend will give additional room to work inside the rear fender; be sure the motorcycle is secure when lifting.
- Step 2** Remove the seat and locate the OEM 6-pin wiring harness and install the wiring adapter, Fig.10. Connect the Lighted License Plate Frame to the wiring adapter as described in Step 17 to familiarize yourself with how it functions. Disconnect the Lighted License Plate Frame and begin installation.
- Step 3** Remove the plastic cover from the housing at bottom of the rear fender, set aside for reinstallation, Fig.1(A). Unplug the wire connector on the right side, Fig.2.
- Step 4** Remove the nut from the wire loom retainer, set aside for reinstallation, Fig.1(B).
- Step 5** Remove the two screws further up in the fender that attach the light bar to the fender, set aside for reinstallation, Fig.3. Take care to protect the fender and the light bar from falling as the screws are removed.
- Step 6** Hold the light bar away from the fender and remove the plug that retains the wire loom in the hole of the fender. Pull the wire loom from inside the fender. Take care when pulling the wire loom retainer through the hole so that it does not scratch the paint.
- Step 7** Remove the two screws attaching the license plate holder and reflector to the light bar; the license plate holder, reflector and hardware will not be reused, Fig.4.
- Step 8** Attach the Lighted License Plate Frame to the light bar using the 3/4" screws and hardware arranged as shown in Fig.5. The top hat spacer is inserted into the license plate frame with the wider edge facing the back side of the license plate frame. The 1/4" flat washer goes between the license plate frame and the turn signal bar. The wires of the license plate frame and light bar should be on the backside of the license plate frame.

## Items Included:



Step 9 Insert the license plate into the frame by gently lifting the bottom edge of the license plate frame. The license plate will need to be curved to match the license plate frame, the edges of the license plate tuck behind the light housings in the license plate frame, Fig.6. Note: some plates may need to be trimmed in order to fit in the frame.

Step 10 Pinch the license plate frame together and secure it with the 1/2" screws and hardware arranged as shown in Fig.7.

Step 11 Insert the light bar wiring loom and the Lighted License Plate Frame wires into the rubber plug, Fig.8.

Step 12 Feed the wires back through the hole of the fender, guide the wires out the bottom of the fender until the plug reaches the hole. Insert the plug making sure the lip is fully seated. Take care to protect the fender and light bar.

Step 13 Reattach the light bar to the fender using the previously removed factory screws.

Step 14 Plug the light bar wire loom back into the connector at the bottom of the fender.

Step 15 Remove the left saddlebag.

Step 16 Route the Lighted License Plate Frame wires along the left side of the motorcycle, making sure they will not be pinched, melted and have adequate clearance of the tire. Start by feeding them between the filler panel and saddlebag support bracket, then along the fender support strut to underneath the seat. It is recommended to follow the same path as the factory wiring in that area, Fig.9.

Step 17 Plug the wires from the lighted license plate frame into the wiring adapter. Connect the left and right sides by matching the corresponding colored wires of the frame to the wiring adapter outputs. Turn on the ignition and test the functions of all of the lights.

Step 18 Secure the wires in place with cable ties. Gather the wires by the wiring adapter so they will not be pinched when the seat is installed.

Step 19 Reinstall the wire loom retainer with the previously removed nut and reattach the plastic cover.

Step 20 Reinstall the saddlebag and seat.

