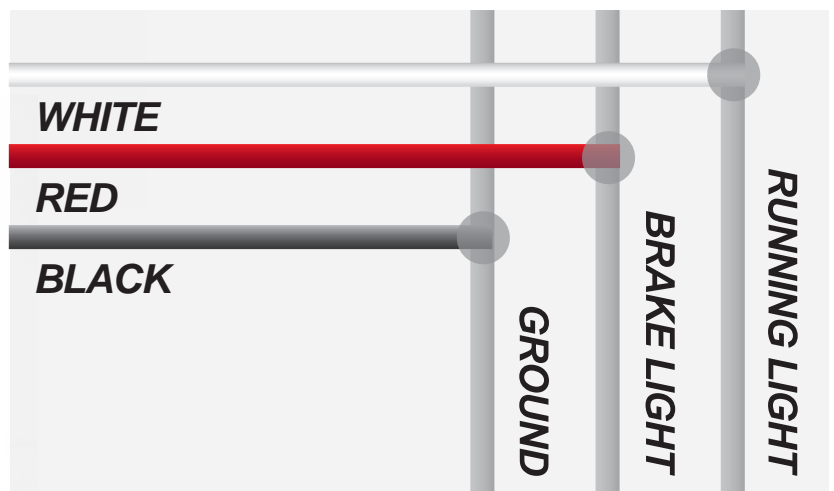




# UNIVERSAL LED LIGHT BAR INSTALLATION INSTRUCTIONS

**FOR ALL 3 WIRE LED LIGHTING PRODUCTS  
INCLUDING**

- SINGLE BAR LED LICENSE PLATE FRAMES
- DUAL BAR LED LICENSE PLATE FRAMES
- ULB / LED LIGHT BARS



## TO INSTALL

YOU MAY NEED A TEST LIGHT TO LOCATE THE PROPER WIRES. WE RECOMMEND USING TAP SPLICE CONNECTORS TO CONNECT THE WIRING (NOT INCLUDED).

**STEP 1:** TAP THE WHITE WIRE FROM THE LIGHT BAR TO YOUR RUNNING LIGHT WIRE

**STEP 2:** TAP THE RED WIRE FROM THE LIGHT BAR TO YOUR BRAKE LIGHT WIRE

**STEP 3:** TAP THE BLACK WIRE FROM THE LIGHT TO A GROUND SOURCE

# AYN LICENSE PLATE FRAME

## PRIOR TO INSTALLATION

1. To accommodate the wires from the L.E.D. array (if necessary) it is recommended to file a notch in the license plate to prevent chaffing of the wires. Do not pinch the wires between the frame and the plate as this could cause the LED's to malfunction.

2. This Frame was designed to match the bolt hole pattern of most states license plates. It may be necessary to adjust the holes of the license plate to accommodate the frame. This can be done easily with the use of a round file. If adjustment is necessary, it is minimal.

3. Determine where and how to run the wires from the L.E.D. light array to the motorcycle's wiring. (see diagrams and wiring instructions below. Additional lengths of connecting wire may be required (not provided).

4. Included are 4 rear mount stud screws, washers and locking nuts. Insert the stud screws into the holes on your AYN frame and use a 3/16 allen wrench to torque them down tight to prevent loosening from vibration. Then add the washer and nut to secure the frame and license plate in place.

5. We recommend that you first test our AYN license plate frame on a known 12V power source prior to installation to ensure proper function.

## INSTALLATION

### INSTALL OPTION 1

Below is a basic wiring diagram for our AYN License Plate Frame when installed **WITHOUT** the AYN Smart Module (sold separately).

