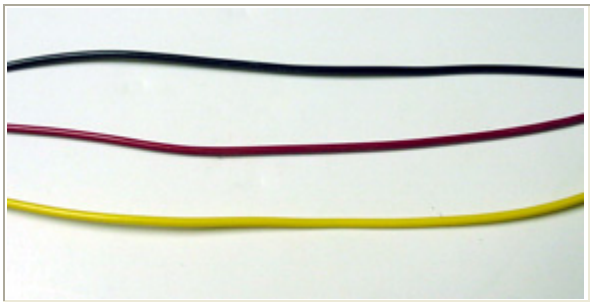
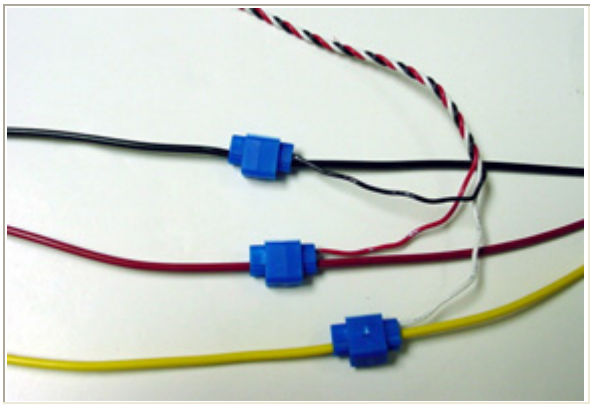
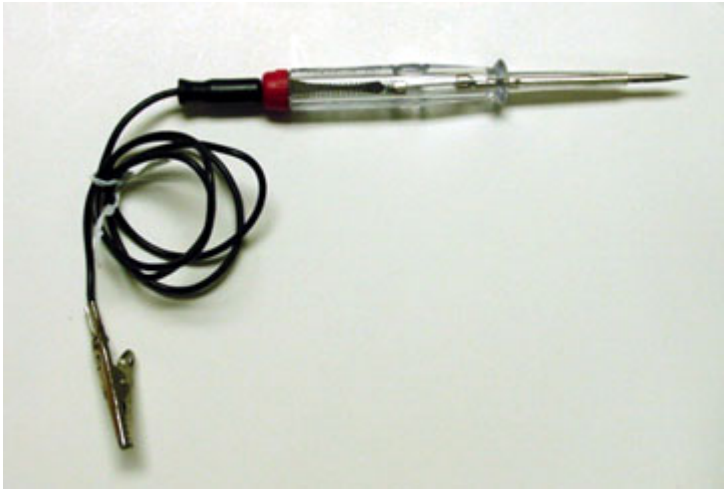
License Plate Frame LED Light

Installation Instructions

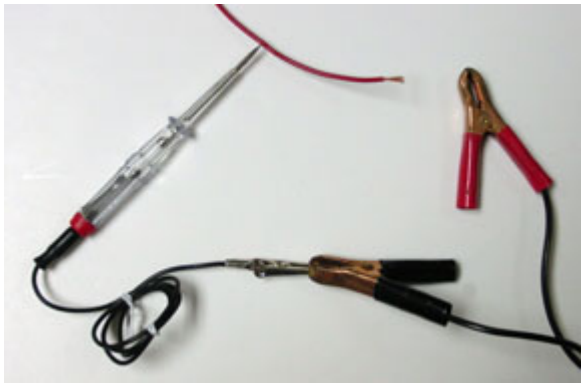
Step 1	**Before beginning make sure your brake and running lights are working properly.** **Note: For this installation example we are using crimp type wire connectors (Not included). The use of these connectors is optional. The other accepted method to splicing wires is to solder them, and then use heat shrink tubing to seal them. In either case we have provided ample lengths of wire to splice our LED Products into your bikes electrical system. One further note of caution, if any bare wires are exposed as a result of this installation, wrap the exposed wires with electrical tape to prevent any possibility of a short circuit.**	
Step 2	**Using a test light*, locate and note the color of the brake light "hot" (+) wire. This wire will cause the test light to light when the brakes are applied, and go out when they are released. Also locate one of the wires in your running light system. This wire will cause the test light to light when the running lights are on, and go out when they are turned off.**	
Step 3	**As an example the three wires to the right are the ground (black), the brake light (red), and the running lights (yellow).**	
Step 5	**Connect the three wires from the LED Product to your bikes wires as follows:** • **Black - Ground** • **Red - Brake Light** • **White - Running Light**	
Note	• **When the LED Product's black wire is connected to ground, and the white wire is connected to a 12volt power source the LED's will light at low intensity.** • **When the LED Product's black wire is connected to ground, and the red wire is connected to a 12volt power source the LED's will light at high intensity.** • **When the LED Product's black wire is connected to ground, and both the white and red wires are connected to a 12volt power source the LED's will light at high intensity.**	

*What is a Test Lamp?

A test lamp is used to test a circuit to see if it has power. There are many different models, but the one pictured below is one of the most common used for testing DC circuits. They are relatively inexpensive, and can be found at most electronic, automotive, and hardware stores.



To use a test lamp simply connect the alligator clip to a source of ground such as a vehicle's frame, a ground wire, or the negative terminal of the battery. This particular test lamp has a pointed end that can pierce a wire's insulation to test the wire inside. If the lamp does not light then the wire does not have power on it (See picture below)



When the wire that you are testing has power on it the test light will light. (See picture below)