



22LR Billet LED Run-Brake-Turn Lights

INSTRUCTIONS

(Please read all instructions before beginning install)

Parts included:

- 1- Pair Billet Turn Signals (Black or Polished)
- 4- Wiring Blocks
- 4- Zip Ties
- 6- Posi-Taps
- 2- Hardware sets (washers, lock washers, & nuts)

Installation Steps:

1. Determine where you're going to mount your 22LR RBT LED's. The most common method utilizes the optional L Brackets or Flat Brackets. The following steps are based on this installation method.

2a. If using the L Brackets: Determine the mounting location (Most commonly mounted off of the fender struts.) Remove the factory hardware and mount the L Bracket (Short side to strut) reusing the factory hardware (Some applications may require the purchase of additional fasteners).

2b. If using the Flat Brackets: Remove the nut from the axle adjuster, slip the narrow end of the flat bracket onto the threads and reinstall the nut on the axle adjuster threads. When tightening down make sure that the flat bracket is in your preferred orientation. The hole on the larger end of the Flat Bracket needs to be drilled out to $\frac{3}{8}$ " for this install. This is easiest done now that it is held in place, and installed onto the bike.

3. Installing 22LR LED to Bracket. Remove nut and both washers from the threads protruding from rear of 22LR Housing. (it is normal for the threaded stud to have movement when not installed) Feed this hardware all the way down the wires, removing them completely.

Now, feed the wires through the Bracket (front to rear) until the threaded stud is sitting in the L Bracket. Next, feed the flat washer, then lock washer, then nut over the wires and tighten onto threaded stud only as much as needed for the lockwasher to flatten out.

6. Repeat steps 2-5 on the other side.

Wiring Instructions:

General Information:

This 22LR LED can be used as a Run-Brake-Turn if you have a factory equipped R-B-T, or aftermarket R-B-T conversion module.

It can also be used in any one of the following three configurations (if you don't have a R-B-T conversion module)-

- A. Running & Brake Lights
- B. Running & Turn Signal Lights
- C. Brake & Turn Signal Lights

Wiring Information:

The wires coming from the 22LR LED are as follows:

Orange: Running (Not used with the DK Custom RBT module, or other dual intensity converters.)

Red: Brake and/or Turn

Black: Ground

(There are 3 Options, outlined below)

OPTION 1 (for Non- R-B-T install)

1. Locate the wires on your bike for your desired configuration-

Running & Brake Lights & Ground

Running & Turn Signal Lights & Ground

Brake & Turn Signal Lights & Ground

This can be done with a test light or a multi-meter.

2. Once the wires are located, you can connect the bikes wires to the appropriate 22LR LED wires using the Posi-Tap Connectors. Unscrew the gray side and tap into the bike wire (there is

no need to strip the wire, the sharp point of the Posi-Tap will pierce the plastic and provide a good connection to the wire).

Option 2 *(For Factory equipped R-B-T install)*

1. Locate the wires for each function (running, brake/left turn, brake/right turn, and ground) coming out of your Factory R-B-T module. This can be done with a test light or a multi-meter.
2. Once the 4 wires have been identified, use the supplied Posi-Tap connectors to connect the running lights wire to both the orange wires from the 22LR LED. This can be a shared connection. Then connect the brake/left turn wire to the left LED red wire, and the brake/right turn wire to the right side 22LR LED red wire.
- 2a. Connect both black wires from the 22LR LED to the ground wire from the bike also using the Posi-Tap connectors (This can be a shared connection).

Option 3 *(For DK Custom R-B-T Module install)*

1. Follow the instructions included with the DK Custom R-B-T Module for hooking the Module to your bikes wires.
2. When wiring the 22LR LED lights to the R-B-T Module the orange wire from the 22LR LED light will not be used. Only the wires specified in the R-B-T Module instructions for left and right side lights will be used. Those wires will be hooked directly to the 22LR LED lights red wires.

3. Turn your key to the on position and verify the light is working properly. (This is done before shipping but is always a good idea to verify before installation.)
4. Using the supplied wiring blocks (make sure to clean the spots with alcohol where you are going to attach the wiring blocks) and zip ties route the wires as hidden as possible to where the connections were made at the bike. It is **VERY IMPORTANT** when doing this make sure the no moving parts can not make contact with the wires at any point, even when the suspension is bottomed out.
5. Double check your lights functionality and GO FOR A RIDE!!!!

Important Notes:

- The rider's safety depends on the correct installation of this kit. Installation requires a basic knowledge of how to use a test-light & a Multi-meter, as well as how wiring works. Hooking wires up incorrectly can damage the lights and/or the motorcycle's electrical system. Please read & follow the Instructions above. Please do not attempt if you have any doubts of your ability to install.
- The 22LR LED Lights fits all 12 volt motorcycles, each one is wired a bit differently. We cannot assist in identifying which wire to connect to on the bike, HOWEVER, use of a test light or multi-meter will make the identification easy.
- It is important to check local laws or codes to make sure that the installation of this kit and/or the deletion of your factory turn signals will not violate any laws and will pass inspection in your area.

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.Note: The user shall determine suitability of this product for his or her use. The user shall assume all risk for damage and liability to the vehicle and for compliance of any regulations and any incurred financial obligations due to vehicle inspections.

