



Congratulations on your purchase of the LEDV35-S-TS (RY) LIGHT KIT!

The LEDV35-S-TS (RY) LIGHT KIT will work on any motorcycle fitted with side-mounted GIVI V35 cases. The kit is easy to install and significantly enhances your visibility on the road and the good looks of your V35 cases. Each kit contains two high intensity bi-color (red/yellow) LED inserts that fit perfectly behind the red lens of each V35 case. The power harness with the embedded mini controller fits neatly under your motorcycle seat or behind the tail light assembly. The mini controller allows you to connect the light kit to your bike's tail and brake lights **and** amber turn signals! Your case lights will always be on when riding, the lights will brighten when you apply your brakes and each case light will flash with your right or left turn signal.

***Please note: We make no guarantee that the LEDV35-S-TS (RY) LIGHT KIT is legal for street use in your area. You should never rely on your LEDV35-S-TS (RY) LIGHT KIT alone – always ensure that your stock brake light and turn signals are functioning properly. The LEDV35-S-TS (RY) LIGHT KIT is intended to complement your bike's original safety lights for added safety.***



Figure 1  
V35 (Right) Case



Figure 2  
V35 (Right) Case





## LEDV35-S-TS (RY) LIGHT KIT

### Installation Instructions

1. Starting with the right case, remove 4 of the screws inside the case that hold the outer shell and red lens together (Fig. 1). Two of the screws are above the red lens and the other two are below it. Carefully remove the red lens by prying it out from under the exterior case shell.
2. Drill a small hole - approx 5/16" or 8mm – through to the inside of the case to accommodate the connectors. (Fig. 1, Blue arrow)
3. Remove the white insert from behind the red lens and replace with the AdMore LED insert.
4. Before feeding the wires through the new hole in case, tie a small knot in the wires very close to the LED insert (the knot will protect the LEDs in case you accidentally tug on the wires inside the case).
5. Carefully pry LED insert (with red lens over it) back under exterior case shell.
6. Replace the 4 screws that were removed earlier.
7. Run the new wires inside the case and route and secure to your preference. Use the included cable ties for a clean installation.
8. Mount both cases on GIVI PLX racks. Identify a convenient location to mount the male connectors in each case. The location should be relatively flat, easily accessible and not interfere with the operation of your motorcycle in any way. Also ensure that the location will be close enough to connect the wire leads from the LED inserts. Mark the location for the connector on each case using a small piece of masking tape. We recommend either location "A" or location "B" (Fig. 2). Chose a location that is best suited for your motorcycle and your personal preference\*.
9. Drill pilot holes in marked locations. Using supplied 7/16" drill bit, enlarge pilot holes.
10. Insert male connector through drilled hole in each case (Green = Right, Yellow = Left). It may be necessary to discard the rubber washer in order to screw the nut onto the threads of the connector. Ensure connector is tight but **do not over tighten!**
11. Connect case harness leads to connectors on LED inserts. Wrap with a small piece of tape to ensure connectors do not separate.
12. Repeat steps 4-11 for the left case.
13. Proceed to LEDV35-S-TS (RY) LIGHT KIT Wiring Instructions
14. Tidy up installation securing all cables. Use the included cable clamps to secure the cable to the inside of your case. Be sure to clean surface with an alcohol wipe prior to affixing the cable clamps to ensure maximum adhesion.

\* The connector can be placed in any number of places on the case. We recommend, mounting the case on your rack to determine exactly where you most prefer to install the connector. Should you make a mistake or change your mind in the future, we can supply complementary plugs to fill a 7/16" drilled hole. Contact us at [www.admorelighting.com](http://www.admorelighting.com).



Tools/items required:

- Drill with standard drill bits
- Small Phillips screwdriver
- Electrical tape
- Circuit tester (if available)

Items supplied:

- 2 – custom cut LED inserts with bi-color (red/yellow) LEDs for V35 cases
- 1 - 6-wire harness with embedded mini-controller
- 2 - 3-wire harnesses for mounting within each case (right/left)
- Connector kit with cable clamps
- 7/16" drill bit



## LEDV35-S-TS (RY) LIGHT KIT

### Wiring Instructions

Your AdMore Light Kit has been designed to operate with the tail, brake **and turn signal** light functions of your motorcycle or scooter. Using the supplied wire tap connectors, look as close to the rear taillight as possible to locate the indicated wires:

| 6-Wire Harness | Your Motorcycle        |
|----------------|------------------------|
| BLUE & RED     | + 12V (switched)       |
| PURPLE         | Brake Light wire       |
| GREEN          | Right Turn Signal wire |
| YELLOW         | Left Turn Signal wire  |
| BLACK          | Ground                 |

\* Blue & Red wires must be connected to switched +12V to operate the embedded mini controller. On many motorcycles and scooters, the tail light wire may be used for this purpose. For motorcycles or scooters with a single brake/tail light wire, connect the Blue & Red wires to a +12V source switched with the ignition. Connect the Purple wire to the single brake/tail light wire.

**NOTE:** This light kit incorporates a brake light modulation feature into the controller circuitry. This feature will quickly modulate the side case brake lights 3 times before the brake lights go on solid. This feature is designed to alert the driver behind you that you are slowing down or stopping. The brake light modulation feature will not re-activate within 10 - 15 seconds of applying the brakes again (this is to avoid annoying drivers behind you in stop-and-go traffic).

Mount cases on motorcycle or scooter and attach harness from bike to male connectors on side cases. Note: Connector locks by inserting and turning (1/4 turn).

Test functioning of the light kit with your motorcycle's tail & brake lights & turn signals.

**CAUTION:** The controller embedded in the main power harness **MUST NOT** be submersed in water. Ensure that the controller is placed in a location that does not fill with water!

Troubleshooting:

1. Ensure the Blue & Red wires are connected to +12v
2. Ensure Black wire is connected to a solid ground
3. If lights still do not illuminate, test the power harness by connecting the Blue & Red wires directly to +12v of a battery and the Black wire to solid ground.

Visit [www.admorelighting.com](http://www.admorelighting.com) for information on other AdMore products, replacement parts and special offers!