

Congratulations on your purchase of the LEDV37-S-TS LED Light Kit!

The LEDV37-S-TS LED light kit will work on any motorcycle or scooter fitted with GIVI V37 side-mounted cases. The kit is easy to install and significantly enhances your visibility on the road and the good looks of your luggage. Each kit contains two high intensity weatherproof LED arrays that fit perfectly behind the lenses of your side cases. The mini controller embedded in the main power harness fits neatly under your motorcycle/scooter seat or behind the tail light assembly. The power harness allows you to connect the LED light kit to your bike or scooter's tail light, brake light, **and** turn signals! Your case lights will always be on when riding, the lights will brighten when you apply your brakes, and the lights will flash **amber** with your turn signal lights.

Tools/items required:

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

Items supplied:

- 2 – Bi-color (red/yellow) custom-cut LED inserts for V37 cases
- 1 - 3-wire harness (left/right) with embedded mini-controller
- 2 - 3-wire harnesses for mounting within each case (right/left)
- Connector kit with cable clamps
- 7/16" drill bit

Please note: We make no guarantee that the LEDV37-S-TS LED light kit is legal for street use in your area. You should never rely on your LEDV37-S-TS LED light kit alone – always ensure that your stock brake light and turn signals are functioning properly. The LEDV37-S-TS LED light kit is intended to complement your bike or scooter's original safety lights for added safety.

LEDV37-S-TS LIGHT KIT

Installation Instructions

Please read all instructions fully BEFORE beginning installation!

Disassemble Givi V37 Side Cases

To install the light kit, the cases must be taken apart. This allows the LED arrays to fit under the case lenses.

- 1) Remove the two screws holding the lid support cables shown in the image below.



- 2) Remove the twelve (12) screws along the perimeter of the inside of the case lid. The four (4) screws in the middle must also be removed.



Now the outer shell will be able to slide off the case and the lenses can be accessed.

Placement of the LED arrays

Placement of the LED arrays is one of the most important steps of this installation. We recommend discarding the silver lens insert and adhering the LED arrays directly to the case. (adhering the LED array on the silver lens insert is an acceptable alternative).

- 1) After doing a test fitment of the LED array, drill a small hole (approx. 3/16" or 5mm) towards the bottom of where the LED array will be placed. The bottom inside corner of the insert area is a good place for this hole.



This will allow the wires from the LED array to be routed inside the case.

- 2) Use alcohol to clean the surface where the LED array will be placed.
- 3) Peel off the backing to the adhesive on each array and place lightly on the desired location. If you are not satisfied with where the array is located, gently peel it off and reapply. Once you are completely satisfied, press firmly on the LED array. It is recommended that you place the LED array as far to the inside of the case as possible. This maximizes the visibility of the lights from the rear.



Note: The photo shows placement of the LED array directly on the plastic of the case. Use of the silver insert is personal preference. Discarding the silver insert makes placing the arrays in the desired location much easier. Use of the silver insert does not have any bearing on the brightness of the lights.

- 4) Once the arrays are in place, reassemble the side cases. Place the lens and outer shell on the lid of the case, replace the twelve (12) screws on the perimeter of the inside of the case, the four (4) screws in the middle, and the two (2) lid support cables.

Mounting the Male Connectors

The male connectors need to be mounted in each side case. The following steps are to be repeated for each side case.

- 1) Prepare to mount the male quick-disconnect connector inside each side case. Determine the most suitable location to mount the connector ensuring that it is easily accessible and does not interfere with the case rack and/or operation of the motorcycle and/or driver/rider mounting or dismounting the motorcycle. Drill a pilot hole and then use the supplied 7/16" (11mm) drill bit to enlarge the hole to the required size.
- 2) From inside of case, insert male end of connector through hole and secure on outside of case using supplied nut. Ensure connector is tight (hand tighten only). **Do not over tighten or the connector may break!**



* 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.

Connecting the LED Arrays

- 1) Take each of the small, black, empty connector housings and mate them to the corresponding connectors on each Side Case Harness.
- 2) Match wire colors (yellow to yellow, red to red, and black to black) from the LED array & insert all 3 wires at the same time half-way into each empty connector housing.
- 3) Press each wire firmly into each housing ensuring that each of the three (3) terminals is secure in each connector housing.



- 3) Route the excess cables inside the case using the included cable clamps. This will allow the cables to be out of the way while you are using the case. Clean the surface with alcohol before placing the clamps to promote maximum adhesion.

The male connectors will be connected to the female connectors (Green = Right, Yellow = Left) which will connect the lights to the bike.

Proceed to the Wiring Instructions.

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:

5-Wire (CG) Power Harness	Your Motorcycle / Scooter
RED ¹	Tail Light wire
BLUE	Brake Light wire
GREEN	Right Turn Signal wire
YELLOW	Left Turn Signal wire
BLACK	Ground

¹ For CanBus-equipped motorcycles, the Red wire must be connected to a 12V switched source (live when ignition switch is on).

Mount cases on bike and attach harness cables from bike to male connectors on cases. Note: Connector locks by inserting and turning.

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 that all 4 micro dip switches on the controller are in the "up" position (cables coming from the bottom of the controller)
2. Ensure the Red wire is connected to +12v
3. Ensure Black wire is connected to a solid ground
4. If lights still do not illuminate, test the power harness by connecting the Red wire directly to +12v of a battery and the Black wire to solid ground.

Visit www.admorelighting.com for information on other AdMore products, replacement parts and special offers!