



Congratulations on your purchase of the LED55-T-TS (CG) LIGHT KIT!

The LED55-T-TS (CG) Light Kit will work on any motorcycle fitted with a top-mounted GIVI E55 case. The kit is easy to install and significantly enhances your visibility on the road and the good looks of your E55 case. Each kit contains two high intensity LED arrays that fit perfectly behind the original lenses of the GIVI case. The Power Harness with the embedded controller fits neatly under your motorcycle seat or behind the tail light assembly. The controller allows you to connect the light kit to your bike'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 signals.



Please note: We make no guarantee that the LED55-T-TS (CG) Light Kit is legal for street use in your area. You should never rely on your LED55-T-TS (CG) Light Kit alone – always ensure that your stock brake light and turn signals are functioning properly. The LED55-T-TS (CG) Light Kit is intended to complement your bike's original safety lights for added safety.

Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



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Installation Instructions

Please read all instructions fully BEFORE beginning installation!

1. Remove the GIVI logo plate from the case (4 screws)
2. Gently remove the lenses from the case (2 screws per side – note the different screw sizes)
3. Gently fit the LED arrays, one LED at a time, into each of the eight (8) openings in the lens. Starting from one end, press each LED firmly into place and hold each LED in place as you move along.
Note: due to variations in manufacturing, the hole openings may differ slightly in size and in some cases may require the use of the included 3M tape to secure the LED array in place. If this is required, simply cut small pieces of tape and place on the flexible board in between each LED. Repeat inserting the LEDs – this time pressing firmly on each LED and on each piece of tape to secure the array.
Note: Handle the LED arrays carefully!
4. Drill small holes (approx. 3/16" or 5mm) in the two (2) knock-out locations in the front of the lid.
5. Run each of the LED array wires through each of the drilled holes from outside the case to inside the case.
6. Replace the screws removed earlier to secure the lenses.
7. Replace the GIVI logo plate with the screws removed previously.
8. Take each of the small, black, empty connector housings and mate them to the corresponding connectors on the Top Case Harness.
9. Match wire colors (yellow to yellow, red to red, and black to black) from each LED array & insert all 3 wires at the same time half way into the empty connector housing.
10. Press each wire firmly into the housing ensuring that each of the three (3) terminals is secure in each connector housing.
11. Prepare to mount the quick-disconnect connector inside the top case. Determine the most suitable location to mount the connector ensuring that it is: 1. easily accessible; 2. does not interfere with the top rack and/or operation of the motorcycle and/or driver/rider mounting or dismounting the motorcycle; 3. a suitable location inside the case. Drill a pilot hole and then use the supplied 7/16" (11mm) drill bit to enlarge the hole to the required size.
12. 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!**
13. Proceed to LED55-T-TS (CG) 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.

Kit Contents:

- 2 x LED bi-color (red/amber) array segments with loose connector housings (2)
- 1 x Power Harness with embedded controller
- 1 x Top Case Harness
- 1 x Installation kit including premium wire-tap connectors (5) and cable clips (6)
- 1 x drill bit (7/16", 11mm)
- 1 x 3M tape strip
- These instructions

* 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.

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Wiring Instructions

Your AdMore light kit has been designed to operate with the tail light, brake light **and turn signal functions** of your bike 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 motorcycles equipped with LED tail/brake lights, the Red wire must **not** be connected to the Tail wire. The Red wire must be connected to a 12V switched source (live when ignition switch is on).

Mount case and attach harness from bike or scooter to male connector on case.

Note: Connector locks by inserting and turning ¼ turn.

Finally, test the functioning of the light kit with your motorcycle or scooter's tail light, brake light, and 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 dip switches are in the "On" position (Left position with cables pointing down).
2. Ensure the Red wire is connected to switched +12v
3. Ensure the 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!

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