

Congratulations on your purchase of the AdMore Universal Sidecase Light Kit!

This light kit will work on any motorcycle or scooter fitted with 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 adhere to your cases. The mini controller embedded in the main power harness fits neatly under your motorcycle/scooter seat or behind the tail light assembly. The mini controller allows you to connect the 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.

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

# UNIVERSAL (CG) SIDECASE LIGHT KIT

## Installation Instructions

Please read all steps fully **BEFORE** beginning installation!

The AdMore Lighting universal LED light kit has been designed for use on nearly any **SIDE** case application. As there are many types of cases available and installation on each motorcycle varies, please plan your work carefully. Your universal light kit has been designed to give you years of trouble-free service, to enhance the look of your motorcycle or scooter, and most importantly to increase your safety on the road. When installed correctly, your universal light kit will ensure that your cases remain watertight.

1. Ensure that the cases are perfectly clean and free of any wax where the LED arrays are to be mounted. Use the supplied alcohol wipes to clean the area where the LED arrays are to be mounted.
2. Determine the best location to mount the weatherproof LED arrays on your cases. Consider both the outside location as well as the implication of your selected location on the routing of the wires inside your cases. The LED arrays can be bent only moderately (i.e. less than 30 degrees) so select a location that is relatively flat.
3. Mark the location of the wires and drill small holes (approx. 3/16" or 5mm) in each location just large enough to accommodate running the cable into the cases.
4. Pass the cable with the 3 wire leads into each case.
5. Remove the backing on each of the weatherproof LED arrays and press the LED arrays against the cases. Moderately press against the entire length of the array for up to one minute. Do **NOT** expose the weatherproof LED arrays to any moisture for at least 24 hours to ensure good adhesion of the arrays to the cases.
6. Apply a very small amount of silicone or hot glue to the case holes to ensure water tightness around the wires.
7. Prepare to mount the quick-disconnect connector harnesses. Determine the most suitable location\* to mount the connectors ensuring that they are easily accessible and do not interfere with the 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 holes to the required size.
8. From inside of each case, insert male end of each connector through drilled holes and secure on outside of cases using supplied nuts. Ensure connectors are tight (hand tighten only). **Do not over tighten or the connector may break!** Note that it may be necessary to discard the rubber washer in order to screw the nut onto the threads of the connector.
9. Take each of the small, flat, black, empty connector housings that came with the LED arrays and mate them to the corresponding connectors at the end of each Side Case Harness.
10. Match wire colors (yellow to yellow, red to red, and black to black) from the LED array & insert all three (3) wires terminals at the same time half-way into the empty connector housing.
11. Press each wire firmly into the housing ensuring that each of the three (3) terminals is secure in each connector housing.
12. Proceed to Wiring Instructions
13. Tidy up installation securing all cables. Use the included cable clamps to secure the cable to the inside of your cases. Be sure to clean surface with an alcohol wipe prior to affixing the cable clamps to ensure maximum adhesion.

### Kit Contents

- 2 x Bi-color (red/amber) LED array segments with loose connector housings (2)
- 1 x Power Harness with embedded controller
- 2 x Side Case Harness
- 1 x Alcohol wipe
- 1 x Installation kit including premium wire-tap connectors (5) and cable clips (6)
- 1 x drill bit (7/16", 11mm)

\* 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).

# UNIVERSAL (CG) SIDECASE 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:

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

\* Red wire 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 Red wire to a +12V source switched with the ignition. Connect the Blue wire to the single brake/tail light wire.

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 Red wire is 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 Red wire 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!