

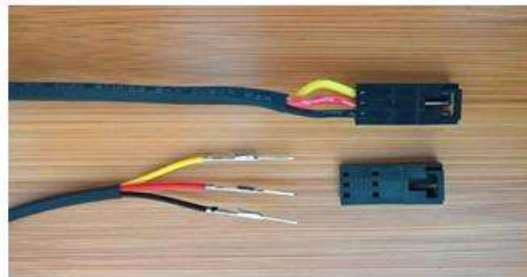
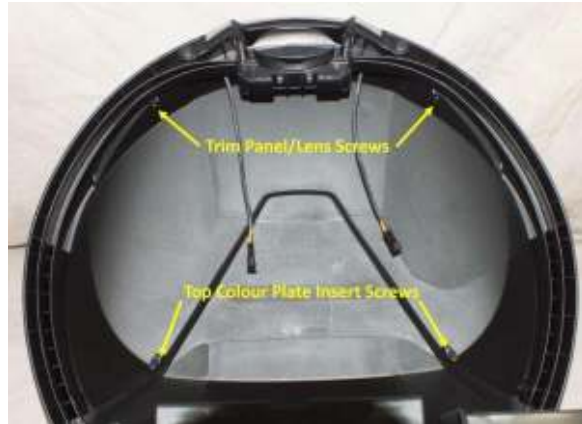


Congratulations on your purchase of the LED-SH39-T-TS (CG) LED Light Kit!

The LED-SH39-T-TS (CG) LED light kit will work on any motorcycle or scooter fitted with a SHAD 39L top-mounted case. 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 LED arrays that fit perfectly behind the upper lenses of your top case. 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 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.



Please note: We make no guarantee that the LED-SH39-T-TS (CG) LED light kit is legal for street use in your area. You should never rely on your LED-SH39-T-TS (CG) LED light kit alone – always ensure that your stock brake light and turn signals are functioning properly. The LED-SH39-T-TS (CG) LED light kit is intended to complement your bike or scooter's original safety lights for added safety.





LED-SH39-T-TS (CG) LIGHT KIT

Installation Instructions

Please read all instructions fully BEFORE beginning installation!

1. Remove the SHAD trim panel by removing the M3x10mm screws with rubber washers from the left and right inner mounting points. Note - these screws secure both lenses and trim panel. Separate the trim panel from the case (note the back recesses)
2. Remove the lenses – they sit in place aligned with a small front slot tab (fragile) and a horizontal tab at the lower rear fitting into a molding on the back of the lid. Carefully pull the lens outwards and slightly and up to release the front slot tab and lift the lens away.
3. Take the LED arrays and do a placement fitting by holding them in place or use small pieces of tape for initial visual fitment. The LED arrays are shaped to provide a precise fit to the lens recesses. If a top insert plate is to be fitted, position the segments down about 1/8" (2mm) from the top edge for clearance purposes.
4. Mark the LED array wire access holes – the test fitment helps determine the best location for the holes. Mark the general area for each hole and drill a starter about 3/4" (20mm) to the left and right from each edge and down about 1/4" (6mm).
5. Drill small holes (approx. 3/16" or 5mm) to accommodate the LED array wires.
6. Run each of the LED array wires through each of the drilled holes from outside the case to inside the case.
7. Remove the tape backing from each LED array and firmly but carefully press the arrays against the case in the planned locations.
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 the 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. Re-install the lenses, trim panel and top color insert (as applicable) by reversing the steps detailed above. Make sure the lenses sit flush and that the leads are not pinched or twisted in any way.
12. Prepare to mount the quick-disconnect connector inside the top case. Determine the most suitable location to mount the connector ensuring that it is easily accessible and does not interfere with the top 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.
13. 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!** Note that it may be necessary to discard the rubber washer in order to screw the nut onto the threads of the connector.
14. Proceed to LED-SH39-T-TS (CG) LIGHT KIT Wiring Instructions
15. 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.



Tools/items required:

- Drill with standard drill bits
- Circuit tester (if available)
- Pliers or crimp tool
- Electrical tape

Items supplied:

- 2 – SH39 (CG) high-intensity bi-color (Red/Amber) LED light arrays
- 1 - 5-wire power harness with embedded mini-controller, female round connector
- 1 – case harness, male round connector
- Connector kit with cable clamps
- 7/16" (11mm) drill bit



LED-SH39-T-TS (CG)

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	Switched +12V
BLUE	Brake Light wire
GREEN	Right Turn Signal wire
YELLOW	Left Turn Signal wire
BLACK	Ground

¹ On may late model motorcycles, the tail light and license plate LED are **not** good sources for switched 12v.

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

Note: Connector locks by inserting and turning.

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!