Congratulations on your purchase of the LED-DLS48-T-TS LIGHT KIT!

The LED-DLS48-T-TS LIGHT KIT will work on any motorcycle fitted with a top-mounted Suzuki topcase. The kit is easy to install and significantly enhances your visibility on the road and the good looks of your Suzuki topcase. Each kit contains two high intensity LED inserts that fit perfectly behind the original red lenses of the Suzuki topcase. The custom wire 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 LED light kit to your bike's tail and brake lights **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 with your turn signals.

To check for possible updates to this instruction set, please visit:

http://www.admorelighting.com/docs/ADML-LEDDLS48TTS.pdf

(Please note: Link address is case sensitive and must be typed exactly as shown).

Please note: We make no guarantee that the LED-DLS48-T-TS LIGHT KIT is legal for street use in your area. You should never rely on your LED-DLS48-T-TS LIGHT KIT alone – always ensure that your stock brake light and turn signals are functioning properly. The LED-DLS48-T-TS LIGHT KIT is intended to complement your bike's original safety lights for added safety.

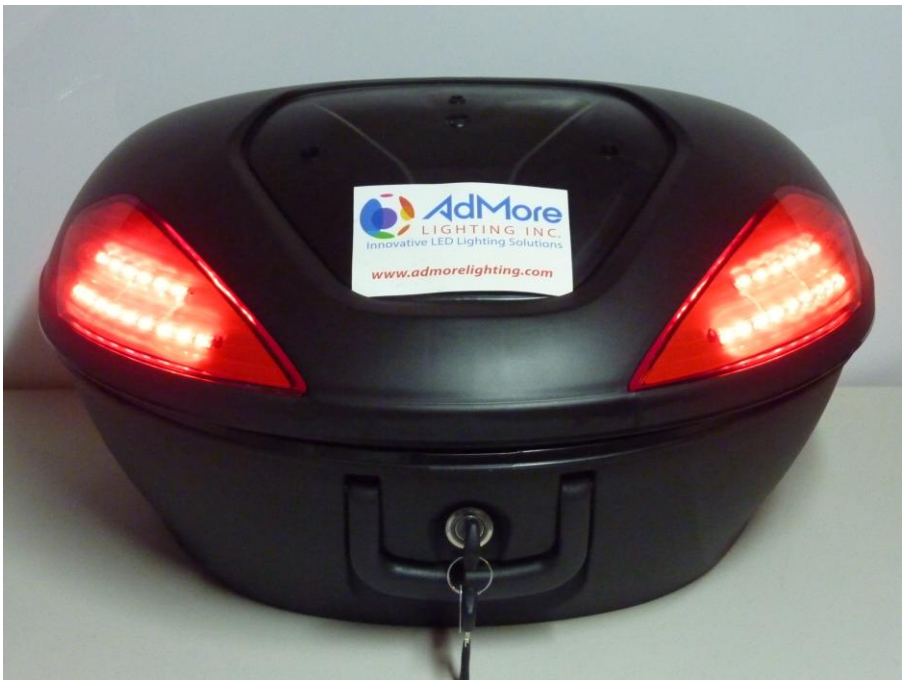


Figure 1

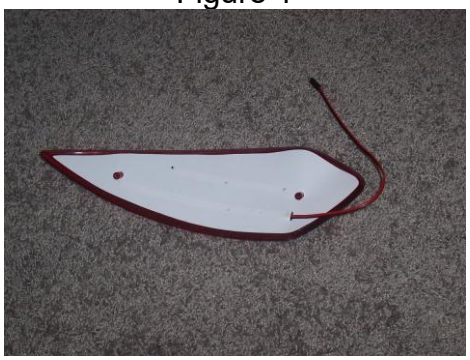


Figure 2

Figure 3

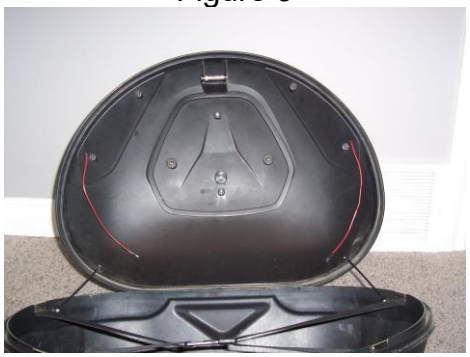


Figure 4

Figure 5

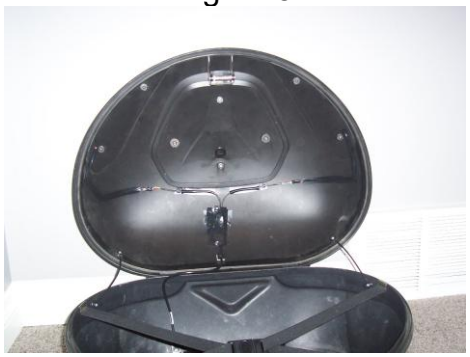
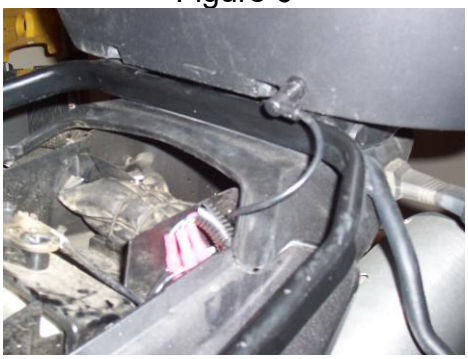


Figure 6



LED-DLS48-T-TS LIGHT KIT
***with* turn signal function**

Installation Instructions

1. Remove the four (4) small screws inside the case that hold the red lenses in place.
2. Remove the red lenses and the white inserts from both sides of case.
3. Put the AdMore LED insert in place on each side and notice the location of the red/black wire. (Fig. 1)
4. Remove the LED insert from the case and using a ¼" drill bit, drill a hole through the case to accommodate the red/black wire and end connector. (Fig. 2)
5. Feed the red/black wires from each LED insert through their respective holes. (Fig. 3)
6. Drill a pilot hole on the bottom portion of the case* (i.e. the part of the case that faces forward when mounted on the top rack). The connector can be mounted on either side of the case. (Note: Ensure that the location of the connector will not interfere with a backrest or any other accessory). Use the supplied 7/16" drill bit to enlarge hole to the required size
7. 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. (Fig. 4)
8. Connect the male 3-pin connector on the supplied Y-harness to the female 3-pin connector on the internal case harness (make sure that wire colors are matched). Connect each of the remaining 2-pin connectors on the Y-harness to either of the two 2-pin plugs on each of the LED inserts (Red to Black and Green to Red on Right LED insert; Red to Black and Yellow to Red on Left LED insert). Wrap the connectors with a small piece of electrical tape to ensure they do not come apart. (Fig. 5)
9. Before replacing lenses using screws removed earlier, proceed to LED-DLS48-T-TS LIGHT KIT Wiring Instructions to confirm that your light kit is working correctly. If one or both LED inserts do not light, simply flip the 2-pin connectors on the one or both of the LED inserts that don't light. (Note: LEDs cannot be damaged from reversing the connectors).
10. 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.

Tools/items required:

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

Items supplied:

- 2 – LED light inserts
- 1 – 5-wire power harness with embedded mini-controller
- 1 – 3-wire case harness for mounting within case
- 1 – Y harness
- Connector kit
- Drill bit (7/16")
- These instructions
- Warranty card

* 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.

LED-DLS48-T-TS 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
BLUE*	+ 12V (switched)
RED	Brake Light wire
GREEN	Right Turn Signal wire
YELLOW	Left Turn Signal wire
BLACK	Ground

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

Mount top case on motorcycle or scooter and attach harness from bike to male connector on bottom of case. 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 wire is connected to +12v
2. Ensure Black wire is connected to a solid ground
3. See Step #9 of the Installation Instructions
4. If lights still do not illuminate, test the power harness by connecting the Blue 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!