Congratulations on your purchase of the LED470-KAW-T-TS LIGHT KIT!

The LED470-KAW-T-TS LIGHT KIT will work on your motorcycle fitted with a top-mounted Kawasaki 47L case. The kit is easy to install and significantly enhances your visibility on the road and the good looks of your Kawasaki 47L case. Each kit contains LED lighting that fits perfectly behind the original red lenses of the case. The embedded mini controller fits neatly under your seat or behind the tail light assembly. The mini 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 right or left case lights will flash with your turn signals.

Please note: We make no guarantee that the LED470-KAW-T-TS LIGHT KIT is legal for street use in your area. You should never rely on your LED470-KAW-T-TS LIGHT KIT alone – always ensure that your stock brake light and turn signals are functioning properly. The LED470-KAW-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

LED470-KAW-T-TS LIGHT KIT
with turn signal function

Installation Instructions

Please read all instructions fully BEFORE beginning installation!

1. Remove the screws that hold the red lenses and cover in place.
2. Working one side at a time, remove the white insert from behind the red lens.
3. Align the white LED insert on existing white insert. Punch hole (approx ¼") in existing white insert to accommodate black/red wire. (Fig. 1)
4. Remove two-sided tape and apply white LED insert onto white insert. (Fig. 2)
5. Using a sharp object, mark the location on the case where the red/black wire exits from the white insert.
6. Drill a 5/16" hole, run the red/black wire through the included grommet and into the newly drilled hole. Seat the grommet in the drilled hole. (Fig. 3)
7. Pull black/red wire through the grommet and re-align the white insert on case. (Fig. 4)
8. Repeat steps 2-6 for other side.
9. Using supplied butt connectors, connect both LED arrays to the case harness as follows: Right Black to Green, Left Black to Yellow, Both Red wires from LED arrays to remaining red wire of case harness. (Fig. 5)
10. Lay case on its side. Drill a pilot hole approx. 2"-3" above the top left case hinge (slightly off center to the left to accommodate an existing or future back rest). Use the supplied 7/16" drill bit to enlarge hole to the required size*. (Fig. 6)
11. From inside of case, insert male end of connector through hole and secure on outside of case using supplied plastic nut. Ensure connector is tight (hand tighten only). **Do not over tighten or the connector may break!** (Fig. 2)
12. Before replacing red lenses using screws removed earlier, proceed to LED470-KAW-T-TS LIGHT KIT Wiring Instructions to confirm that your light kit is working correctly.
13. Replace red lenses and cover. Secure with the screws removed previously.
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.

Tools/items required:

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

> ***** 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.

Items supplied:

- 2 – LED470 SMT LED arrays
- 2 wiring harnesses (internal & external)
- Rubber grommets (2), Butt connectors (3), Wire taps (5), Cable Clamps (4)
- 7/16" drill bit
- These instructions
- Warranty card

LED470-KAW-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. 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!