

BRITE BOX™ MODEL 4L+FLC/5B - INSTALLATION INSTRUCTIONS

Made In U.S.A.

www.thebritebox.com

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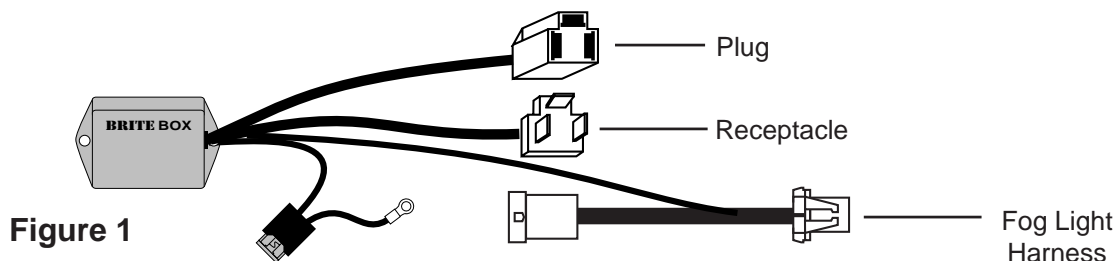
The BRITE BOX is a fully self contained device that illuminates your low beams when your high beams are on. This provides you with an even carpet of light that stretches from near to far. Without BRITE BOX, your low beams drop out when your high beams are on. Additionally, this "FLC" (Fog Light Control) kit also incorporates control of your factory installed fog lights. As delivered from the factory, your fog lights turn off when you engage your high beams. After installing this kit, your fog lights will remain on with high beams.

On many vehicles, you can simulate the operation of the BRITE BOX by activating the "flash to pass" function when your low beams are on. When doing this, you will see an increase in lighting brightness and the quality of the headlight's beam pattern. Many people try to drive like this, but often find out that the headlight switch or wiring of their vehicles burn out since they are not designed to handle these increased loads on a continual basis. With BRITE BOX, you can enjoy the benefits of this improved beam pattern, automatically, without placing any additional loads on the vehicle's stock headlight switches or wiring.

Installing your Brite Box is easily accomplished with common hand tools in a short period of time. In order to make your installation go as smoothly as possible, it is recommended that you read the instructions and plan your installation before starting.

PARTS LIST:

- 1 - Brite Box
- 1 - 20 Amp ATC Fuse
- 12 - Cable (Wire) Ties
- 2 - #8 x 1/2 Sheet Metal Screws
- 1 - Alcohol Pad



TOOLS REQUIRED:

- Wrench to fit your positive battery post / clamp - usually a 10mm, 13mm, or 1/2 inch.
- Optional - Drill with 1/8 inch bit & #2 Philips screwdriver

STEP 1: On side of vehicle where battery is located, gain access to the back of both low and high beam headlight bulbs. In their ultimate wisdom, many vehicle manufacturers require headlight removal to accomplish this. As this procedure varies greatly from vehicle to vehicle, please consult your owner's manual under "headlight bulb replacement" or similar topic for detailed instructions.

STEP 2: Find a location to mount Brite Box. Make sure car's headlight plug can reach the receptacle (see Fig. 1) of Brite Box, and that Brite Box's plug (see Fig. 1) can reach headlight. The red wire (attached to fuse holder) of Brite Box must also be able to reach positive (+) battery cable.

CAUTION! Mount Brite Box as far away as possible from heat sources such as the engine and / or exhaust manifold. Units will not be warranted for heat damage.

IMPORTANT NOTE! OBSERVE "UP" ORIENTATION on Brite Box's label (WIRE GROMMET FACES DOWN). Mounting Brite Box this way allows any water that may enter the box to harmlessly drain out. Failure to mount Brite Box properly can lead to water damage that is not covered under warranty.

Once you find a suitable location, you can now mount your Brite Box. You can mount Brite Box in one of three ways:

- A) Mount to solid surface with supplied sheet metal screws using mounting bosses. **DO NOT OVERTIGHTEN!**
Caution: Make sure you know what is behind mounting location **BEFORE** drilling holes.
- B) Mount with supplied double sided tape. Caution: Thoroughly clean mounting surface on car with supplied alcohol pad and let dry before mounting. Tape should be applied in temperatures in excess of 65° F. If temperature is lower, warm mounting surface and tape with hair dryer.
- C) Mount Brite Box to existing wire harness or hood release cable by looping supplied cable ties through mounting bosses on Brite Box's enclosure and around existing harness or hood release cable.

STEP 3: On the side of the vehicle where you are installing BRITE Box, remove the car's headlight plug from the headlight. Take the just removed headlight plug and fully insert it into Brite Box's receptacle (see Fig. 1).

STEP 4: Plug the headlight plug (see Fig. 1) from Brite Box into your headlight. Make sure plug is fully seated.

STEP 5: Take RED wire from BRITE Box with supplied fuse holder and attach directly to positive (+) battery post using properly sized wrench.

STEP 6: Route Brite Box's FOG LIGHT HARNESS (see Fig. 1) to fog light on same side of truck where you installed Brite Box. Brite Box's fog light harness only needs to be connected to one fog light to work both of them. Make sure wires do not pass over any rough / sharp edges that can wear through the insulation and cause a short circuit over time. Use supplied cable ties to secure wire from fog light harness in a neat and tidy manner.

STEP 7: Unplug fog light plug from fog light and plug it into the female connector from Brite Box's fog light harness.

STEP 8: Plug male connector from Brite Box's fog light harness into fog light bulb.

STEP 9: Testing Brite Box. . . .

- A) Place vehicle facing wall or surface/road that permits you to see headlight pattern.
- B) Turn ignition key to ON position. (This is necessary since many vehicle's fog lights work ONLY with the ignition key on).
- C) Turn on headlight switch, activate LOW beams with FOG lights.
- D) Engage HIGH beams. Low beams and fog lights will turn off.
- E) While observing headlight output, plug in 20 amp fuse (supplied) into Brite Box's fuse holder. When you plug in the fuse, you should see the low beams and fog lights of the vehicle turn on.
- F) After verifying proper operation of Brite Box, close cover on fuse holder to protect fuse from elements.

STEP 10: Reinstall headlight if removal was necessary.

STEP 11: Finish installation by using supplied cable ties to secure all excess wire in a neat and tidy manner.

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NOTE: DO NOT USE BRITE BOX WITH SO CALLED "EXTRA OR SUPER BRIGHT BULBS". EXPERIENCE HAS SHOWN THAT THESE BULBS ARE NOT MUCH BRIGHTER THAN STOCK BULBS, BURN OUT QUICKLY, ARE VERY COSTLY AND GENERATE MORE HEAT THAN MOST HEADLIGHT SYSTEMS CAN WITHSTAND. INSTALLING BRITE BOX WITH STANDARD WATTAGE BULBS (55 WATT LOW BEAM / 60 WATT HIGH BEAM) PROVIDES SUPERIOR ILLUMINATION (BETTER BEAM PATTERN WITH LESS FATIGUE) THAN A SLIGHTLY BRIGHTER, BUT INFERIOR BEAM PATTERN PROVIDED BY THESE "SUPER BRIGHT BULBS".

SOME FREE ADVICE ABOUT HEADLIGHT BULBS:

- Stick with Osram / Sylvania brand bulbs. Don't second guess the car makers.
- Carry spares in your glove box. It's cheap insurance. Changing a bulb usually takes only a few minutes, but you cannot replace a burned out one without a spare. If you have quality spares, you will never have to settle for cheap bulbs because that is the only thing that "Bob's Boonie Market And Service Station" stocks (if any at all).

BRITE BOX LIMITED WARRANTY

Baker Auto Accessories (B.A.A.) warrants Brite Box to be free from manufacturing defects under normal use and conditions for three (3) years from date of original user purchase.

Baker Auto Accessories, at its sole discretion, will either repair the product or replace the product, provided the manufacturing defect is verified along with proof of purchase. To obtain warrant service call 1-970-879-4201.

This warranty is void if the product is:

- A) Damaged through negligence, misuse, abuse or accident.
- B) Modified, repaired, or tampered with by anyone other than B.A.A.
- C) Units on which the serial number has been defaced, modified or removed.

This warranty does not cover:

- A) Damage due to improper installation.
- B) Water, smoke, or heat damage.
- C) Damage or improper operation of unit caused by customer abuse, misuse, negligence, or failure to follow correct installation procedures as provided with product.
- D) Costs of shipping of the product to and from B.A.A.

This warranty is non-transferable and applies only to the original purchaser and does not extend to subsequent owners of the product. Any applicable implied warranties, including the warranty of merchantability, are limited in duration to a period of the expressed warranty as provided herein beginning with the date of original purchase at retail and no warranties, whether expressed or implied, shall apply to the product thereafter. Baker Auto Accessories makes no warranty as to the fitness of the product for any particular purpose or use.

The extent of Baker Auto Accessories' liability under this limited warranty is the repair or replacement provided above and, in no event, shall Baker Auto Accessories' liability exceed the purchase price paid by the purchaser of the product. Under no circumstances shall Baker Auto Accessories be liable for any loss, direct, indirect, incidental, special, or consequential damage arising out of or in connection with the use of this product.