

# BRITE BOX™ MODEL GM4

Made in U.S.A.

[www.thebritebox.com](http://www.thebritebox.com)

U.S. Pat. Pend.

## INSTALLATION INSTRUCTIONS FOR 2001-2002 CHEVROLET & GMC TRUCKS WITH 4 - 9005 HEADLAMP BULBS

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.

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
- 8 - Cable (Wire) Ties
- 2 - #8 x 1/2 Sheet Metal Screws
- 1 - Alcohol Pad

### TOOLS REQUIRED:

- #2 Philips Screwdriver
- Optional - Drill with 1/8 inch bit
- Wrench to fit stock GM ground bolt (usually 10mm)

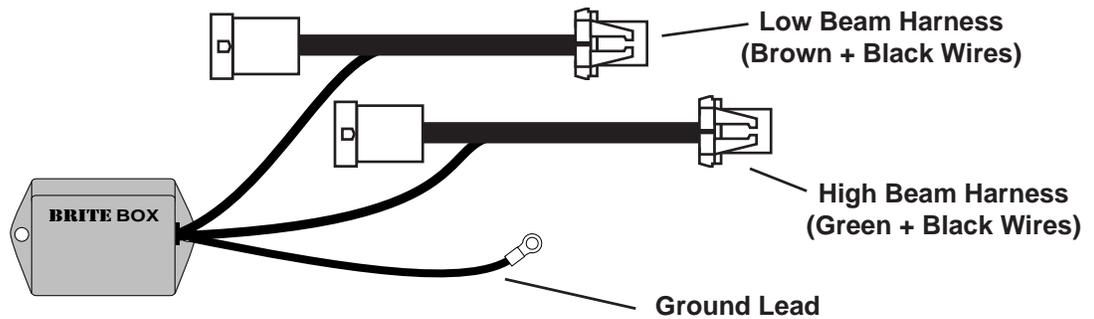


Figure 1

**STEP 1:** Locate two headlamp lock / release rods on top of driver's side headlamp. Remove lock / release rods by rotating 90 degrees towards front of vehicle and then lifting rods straight up (see figure 2). Once rods are removed, headlamp should easily slide out of grill assembly. Unplug wire harnesses from bulbs (DO NOT REMOVE BULBS!) and place headlamp assembly and rods in a place where they cannot be broken or lost.

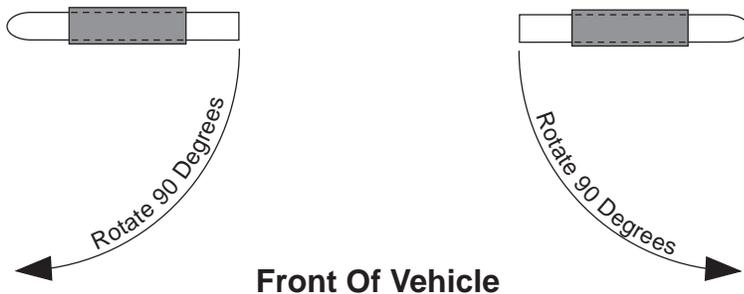


Figure 2  
Removal of headlamp lock rods

**STEP 2:** Find a suitable location to mount Brite Box on inner fender of vehicle near battery. Make sure the low and high beam harnesses from Brite Box (see figure 1) can be run to the vehicle's headlight wires. The black wire of Brite Box must be able to reach a solid chassis ground. GM usually has a factory grounding bolt located in the vicinity of the headlight. 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.

**IMPORTANT NOTE – STEPS 3 AND 4: GM uses different headlight wire colors for different vehicles. It is a normal situation that your stock GM headlight wire colors may not match the wire colors of Brite Box's low and high beam harnesses.**

**STEP 3: NOTE: Brite Box's harness with BROWN AND BLACK wires is used in this step. It IS NOT necessary to remove bulb from headlamp assembly for this step.** Unplug vehicle's headlight plug from low beam (outboard) headlight bulb. Take vehicle's low beam headlight plug and insert into receptacle of Brite Box's low beam harness. Plug Brite Box's low beam headlight plug into low beam headlight bulb. Make sure you route Brite Box's harness in a manner which allows the headlamp assembly to be easily reinstalled.

**STEP 4: NOTE: Brite Box's harness with GREEN AND BLACK wires is used in this step. It IS NOT necessary to remove bulb from headlamp assembly for this step.** Unplug vehicle's headlight plug from high beam (inboard) headlight bulb. Take vehicle's high beam headlight plug and insert into receptacle of Brite Box's high beam harness. Plug Brite Box's high beam headlight plug into high beam headlight bulb. Make sure you route Brite Box's harness in a manner which allows the headlamp assembly to be easily reinstalled.

**STEP 5: Reinstall headlamp back into vehicle and install lock rods.**

**STEP 6: Testing Brite Box . . . .**

A) Place vehicle facing wall or surface / road that permits you to see projected headlight pattern.

B) Turn on headlight switch, activate high beams.

C) While observing headlight output, touch grounding lead to ground point. When ground lead is touching ground, you should see the low beam pattern appear.

D) Turn headlights OFF and use appropriate wrench to secure ground lead to grounding point.

**IF LOW BEAM PATTERN DOES NOT APPEAR, PLEASE RECHECK ALL INSTALLATION STEPS. IF LOW BEAM PATTERN DOES NOT APPEAR AFTER RECHECKING, PLEASE CALL TECH LINE AT BOTTOM OF THIS PAGE.**

**STEP 7: Finish installation by using supplied cable ties to secure all excess wire in a neat and tidy manner.**

**DOUBLE CHECK THAT HEADLAMP IS INSTALLED PROPERLY WITH LOCKING RODS SECURE.**

**TELL YOUR FRIENDS ABOUT BRITE BOX!**

**TECH AND ORDER LINE: (970) 879-4201**

**BAKER AUTO ACCESSORIES**

**2955 Village Dr. #5**

**Steamboat Springs, CO 80488**

**M-F 9:00 AM TO 4 PM MST**

**FAX (970) 879-6097**

## 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.

Baker Auto Accessories  
2955 Village Dr. #5  
P.O. Box 880707  
Steamboat Springs, CO 80488  
(970) 879-4201