

SLIMLINE - 7 COLOR - LED UNDERBODY KIT

Warranty / Pre-Installation / Contents Information

- I. READ** the following instructions thoroughly **BEFORE** installing your kit.
- II. Warning:** Check your state and local laws before installing the kit. Every state has different laws in place for aftermarket accessories, and LedGlow is not responsible for any fines that you may receive while using this **off road accessory**.
- III. Warning:** LEDGlow recommends kits be installed by a licensed professional. Improper installation of this kit will void all warranties. If you do not understand the terminology or concepts provided, please do not attempt installation and consult a licensed or knowledgeable professional.

LIMITED WARRANTY AND DISCLAIMER

All LEDGlow Lighting, LLC. products come with a one year limited warranty on the internal parts of the product. This warranty starts from the date of purchase. LEDGlow Lighting, LLC. will replace or repair any qualifying defective product received by the company before the end of the warranty period. Installation of this product must be performed by a licensed professional. Should the failure of the product be the result of damage occurring as a result of improper installation, alteration of the product or an act or omission on the part of the consumer, this warranty is void. LEDGlow Lighting, LLC. shall not be responsible for any consequential damages which arise from the use and/or installation of the product. If the kit is installed in any manner other than specified, LEDGlow Lighting, LLC. reserves the right to deny any warranty claims at the discretion of the technical support department. The one year warranty is not transferable and is valid for up to one year from the original date of purchase. Any product return must include the original packaging, a statement of the alleged defect and an RMA number must be provided. All RMA numbers are valid for 14 days from issued date. Upon receipt of the returned product, the company will test the product for defect. If the results of the testing do not support the warranty claim, do not reveal any defect or indicate consumer negligence in the installation and handling of the product, then the product will be returned to you and you will be charged a reshipping fee. If the product is returned from an address within the continental United States, within the first 14 days after purchase, and is found to be defective, LEDGlow Lighting, LLC. will cover the cost of the return shipping with an emailed return label. This offer is only valid for the continental US. All international shipping, customs fees and/or duty charges are solely the responsibility of the consumer.

Additional Disclaimer Terms

Lights are for off road use only; please check your local and state laws for the proper use of this product.

- Improper installation of electricity-using products such as lighting may cause damage to any vehicle or device to which the improperly handled or installed lighting is attached.
- Improperly installed product may cause electrical injury to persons.
- It is recommended that the kit be installed by a licensed professional.
- LEDGlow Lighting, LLC. assumes no liability for the installation of the product.
- Warranty or liability will not exceed the product purchase price which shall be the buyer's sole and exclusive remedy.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE WARRANTIES DESCRIBED ON THE FACE HEREOF INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. (LEDGlow Lighting, LLC. AT IT'S DISCRETION, MAY PROVIDE REMEDY OF RETURN OF PURCHASE PRICE OR REPAIR OR REPLACEMENT OF DEFECTIVE PRODUCT AS BUYERS SOLE AND EXCLUSIVE REMEDY.)

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PRE-INSTALLATION NOTES – PLEASE READ FIRST!

Introduction:

Please check to ensure all contents are present before beginning the installation.

It is always a good idea to power the kit on and test the functionality before installation as well.

WARNINGS:

- **DO NOT ATTEMPT TO MODIFY THE TUBE WIRES.** Doing so will immediately void the warranty.
- Do not attempt to route the wires through the door frame into the vehicle cabin. This has a 99.9% failure rate.
- Performing the above actions automatically voids any and all warranties attached to this product. If you cannot perform the installation as described below terminate the install and seek the help of a professional.

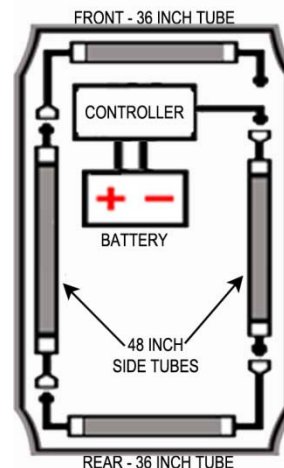
Kit Contents:

- (2) 48 INCH EXTERIOR LED TUBES
- (2) 36 INCH EXTERIOR LED TUBES
- (1) CONTROLLER
- (1) WIRELESS REMOTE
- (1) SUPPLIES / HARDWARE:
 - MOUNTING CLIPS
 - WIRE TIES
 - RUBBER SEALANT TAPE
- (1) INSTRUCTIONS

Successful installation may require the purchase of materials such as:

1. Automotive grade wiring (14 AWG)
2. Extra fuses and/or holders
3. "Add-A-Circuit"
4. Rubber grommets
5. Additional mounting supplies

Underbody Kit Installation Diagram:



Organize the tubes outside the perimeter of the vehicle then test functionality before moving forward with your installation.



INSTALLATION INSTRUCTIONS

Tech Support
856-768-5700 EXT 2
TechSupport@LEDGlow.com

SLIMLINE - 7 COLOR - LED UNDERBODY KIT Installation Instructions

PLEASE READ thoroughly BEFORE installing the underbody lighting kit.

1. First, arrange the tubes on the ground along the perimeter of the vehicle, exactly the way you plan to install them on the chassis of the vehicle. Connect and apply power to the kit to test and ensure proper functionality of the product before installing it.
2. **Before mounting the tubes, please refer to the “PRE-INSTALLATION NOTES” and the “Underbody Kit Installation Diagram” on the previous page for a general example of tube placement and mounting. If these are not correct, the lights will not connect, function or operate properly.**
3. Raise and support the vehicle, if necessary, to easily access the under carriage for installation. (This step is optional.)
4. Start by mounting the front, 36 inch tube, with plenty of clearance from heat and moving parts. Use the provided mounting brackets with screws or wire ties to secure and anchor the tubes in place. If you use the provided brackets, use a wire tie to secure the tube to the bracket. Make sure that the male connector is facing the passenger side of the vehicle and the female end is facing the driver side of the vehicle for easy connection to driver side tube. Make sure that wires are also clear of fans and/or exhaust pipes. Also, be sure to leave at least 10 inches between the exhaust and the tube. Keep all wires and tubes away from any suspension parts as well. **IMPORTANT: DO NOT DRILL HOLES TO ATTACH MOUNTING BRACKETS OR SCREWS TO THE RADIATOR.**
5. Mount the driver side, 48 inch tube, to the vehicle with the male connector facing the front of the vehicle and the female connector facing toward the rear. A good location is the pinch weld or side skirt. Be aware and take note of the location of both brake and fuel lines. Remember to leave at least 10 inches between the exhaust and the LED tube. Be sure all wires and tubes are out of the way from any moving suspension parts. You can use the provided mounting brackets or use wire ties to hold the tubes up in place. If you use the provided brackets, use a wire tie to secure the tube to the bracket.
6. Next, mount the rear, 36 inch tube, leaving at least 10 inches of clearance from all exhaust pipes, mufflers, as well as fuel and brake lines. Make sure that the male connector plug is facing the driver side and the female end is facing toward the passenger side of the vehicle for proper connections. Use the included brackets, screws and wire ties necessary to complete a secure and anchored mount.
7. Last, mount the passenger side tube to the vehicle using the same technique and methods in the previous steps. Make sure that the male connector is facing the rear of the vehicle and the female connector is toward the front of the vehicle. Secure the wire and female connector in an area away from any exhaust pipes and moving parts. Keep in mind that this connector is needed to provide the link between the control box and the actual underbody lighting tubes.
8. Any wires that will be routed to the vehicle’s interior, from the engine bay, **MUST be routed through the firewall and pass through it utilizing an existing grommet or by drilling a hole and installing a new rubber grommet.** These are available at any local auto parts store. You must follow this procedure to prevent damage and stripping of the LED underbody kit wires, which will void the kits warranty immediately. This will also keep the cabin insulated from drafts of air that make the interior climate uncomfortable.
9. Next you **MUST** mount the control box in a dry and safe location (preferably on the inside of the vehicle cabin). This should be in a low traffic area away from all pedals, doorways, moving parts but most of all water and/or liquids and extreme heat. It is recommended to install the control box close to the port / grommet where the connection to the passenger side tube will be made.
10. Plug all the male and female connections together. You will have a male connection open on the front tube when all complete.
11. Once all of your connections are made you want to use the provided rubber sealant tape and tightly wrap the connections so that there is no metal exposed from any of the connections. Be sure to pay attention to the bare connection on the front tube. **IMPORTANT: Any and all warranties on this product are void if this step is not performed.**
12. Once you have completed all previous steps, route and connect the red wire to a DC12v power source. Be sure to use only 14 or 16 gauge automotive grade wire, if you need to extend the power source wires. If you are wiring directly to the battery, be sure to install a fuse within 6 inches of the positive power source. **(The fuse should be moved accordingly if your installation requires the need to extend the power wires.)**
13. Connect and secure the black wire to a reliable ground source. This can be under the dash at a main bracket or a grounding block. If it is under the hood you can go directly to the negative side of the battery or any unpainted metal engine ground will suffice.
14. Remember, if you connect the positive wire to a switched source then it will shut off when the source is turned off. If you install it to a constant power source, **the controller and kit will stay on until you turn it off.** If you are running the wire to the fuse panel, we recommend installing the wire using an “Add-A-Circuit” which is available on our website or at an auto parts store.
15. Once again, be sure that **ALL** wiring and tubes are secured and away from moving parts and / or extreme heat sources.
16. Any excess wires should be bound, anchored and secured tightly and neatly to safe location.
17. **DO NOT ATTEMPT TO CHANGE THE LENGTH OF THE UNDERBODY TUBE WIRES.**
Splicing or cutting any of the wires on the ends of the tubes voids any and all warranties on this product.
18. Lower the vehicle if necessary and test out your new kit. With the vehicle on the ground, turn the steering wheel as far as it can go in both directions to ensure that there is ample clearance so that there are no tubes and / or wires coming in contact with the front tires. Any tube or wire damaged by the tire turning radius is void of any and all warranties.

SLIMLINE - 7 COLOR - LED UNDERBODY KIT

Operating Instructions

The underbody kit control module is capable of operating and running a maximum of 6 LED lighting tubes. This feature is essential, but not limited to the kit installation on larger vehicles such as, trucks and limousines.

Description:

LED Controller Module:

The controller has 2 LEDs located on the front to visually display information to the user about the current mode and color operation.

- The **large LED**, to the lower right, shows the kits current color selection.
- The **small LED**, closer to the crest design in the lower left, denotes a music enabled mode is active.

Wireless RF Remote Control:

The labeled buttons on the RF Remote Control correspond to the actions of the buttons located on the front of the LED Controller Module.

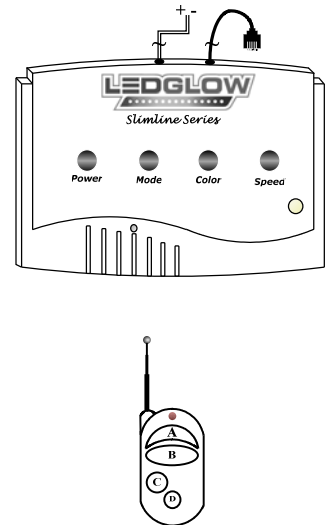
****NOTE:** If the LED above the A button does not light, the battery could be installed improperly or may need to be replaced.**

Operation:

- A.** Press the **Mode** button on the controller to change the kits color changes.
- B.** Press the **Color** button to change flash modes / patterns.
- C.** Press the **Speed** button to change the speed of the modes / patterns.
- D.** Press the **Power** button to turn the underbody kit on / off.
COLORS AND PATTERNS LISTED BELOW IN DETAILS

- A.** Mode
- B.** Color
- C.** Speed
- D.** Power

Figure:



Detailed Operating Instructions

Mode - Color - Speed - Function Details

- I.** Once the kit is connected and installed to a 12V power source, press the **Power** button on the control box or press **D** on the wireless remote control to turn the underbody kit on or off.
- II.** Press the **Color** button on the control box or the **B** button on the remote to select a color in the following order:

1) Red	6) Aqua
2) Green	7) White
3) Blue	-----
4) Yellow	8) Color flash pattern
5) Purple	9) Color fade pattern
- III.** Press the **Mode** button on the control box or the **A** button on the remote to select a mode in the following order:

1) Solid on	9) Section flash ends to center
2) Counter clockwise circle	10) Solid Flash
3) Solid Flash	11) Music mode A: brightness fade
4) Counter clockwise off pattern	12) Section flashing scan
5) Section flash counter clockwise	13) Flashing scan
6) Section flash clockwise	14) Counter clockwise scan
7) Section chase center to ends	15) Scan
8) Section chase ends to center	16) Center flash to solid flash
	17) Music mode B: Counter clockwise scan
- IV.** Press the **Speed** button on the control box or the **C** button on the remote to select a pattern speed. There are 3 speeds available for each pattern.
- V.** Press the **Power** button on the control box or press **D** button on the remote control to turn off the underbody kit.