

# **NASTY RINGZ**

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PLEASE READ THE FOLLOWING INSTRUCTIONS THOROUGHLY BEFORE PAIRING AND USING YOUR NASTY RINGZ UNDER GLOW CONTROL BOX W/ BLUETOOTH CONNECTIVITY.

**WARNING:** DO NOT USE THIS SOFTWARE WHILE OPERATING A MOTOR VEHICLE. THIS PRODUCT IS DESIGNED FOR OFF ROAD USE ONLY. PLEASE CHECK YOUR LOCAL AND STATE LAWS FOR THE PROPER USE OF THIS PRODUCT.



# Installation Instructions

**Warning:** Please check your state and local laws before installing this LED underbody lighting kit. Every state has different policies and procedures in place regarding after market vehicle accessories. Nasty Ringz is not responsible for any fines that you may receive while using this underbody kit. **This kit is for off road use only.**

**Warning:** The installation of this kit is recommended to be installed by a licensed professional. The improper installation of this kit will void all warranties.

**The control box that is used to power this lighting kit must be installed in a dry location! Having this part exposed to water or the elements will cause the kit's controller to fail. Any water damage or corrosion to this part will VOID all warranties.**

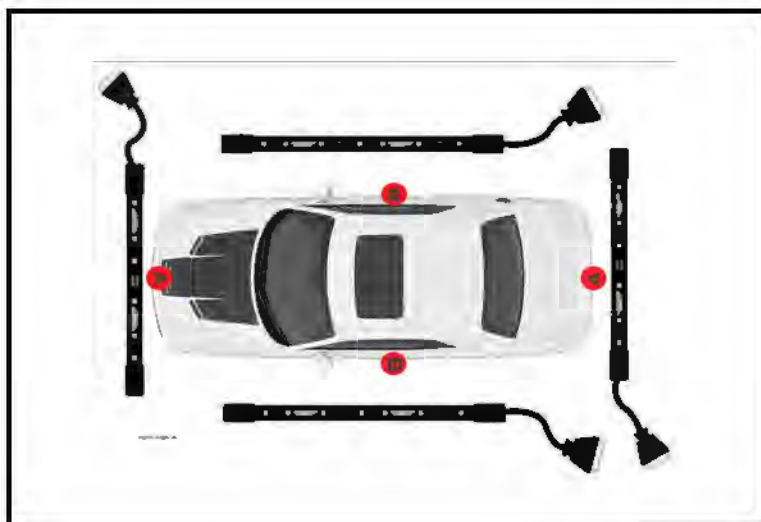
**PLEASE READ THE FOLLOWING INSTRUCTIONS THOROUGHLY BEFORE INSTALLING AND OPERATING THIS LED UNDERBODY KIT.**

## Underbody Kit Includes:

- (2) 36 Inch Tubes (A)
- (2) 48 Inch Tubes (B)
- (1) Bluetooth Enabled Control Box
- (12) Underbody Tube Mounting Brackets
- (25) Zip Ties
- (30) Large Screws

## Underbody Installation:

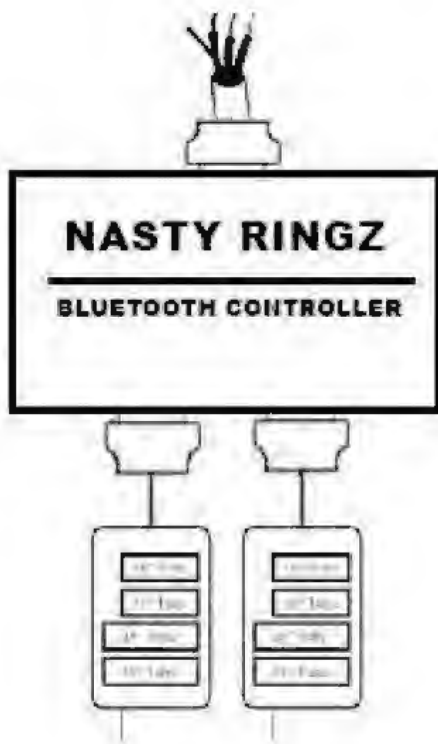
1. Arrange the tubes out on the ground and test the kit to ensure proper functionality before installing. If you are installing interior tubes as well, mock them up where you plan on installing them to ensure proper illumination.
2. Temporarily power your kit with any 12 volt source to ensure it is functioning properly before you move forward with the installation. Simply connect the red wire to the positive terminal of the battery and the black wire to the negative terminal or any ground source. Power the kit on to test for full functionality using the buttons on the control box, and also with the NASTY RINGZ Mobile Control App using your iOS or Android device. Once you have determined the kit is functioning properly, remove the power from your kit and proceed with the installation.
3. **Optional:** Raise and support the vehicle.
4. Before mounting each tube, please refer to the schematic below to ensure correct placement and tube direction.



**Warning:** If the tubes are not installed correctly, the lighting patterns will not display properly.

**Note:** The rear 36 inch LED tube has an 18 foot cable so you have no issue running it to the control box. Be sure that this tube is mounted to the rear of your vehicle or you will have problems later on in the installation.

5. First, mount the front 36" tube with the 13 foot lead wire facing the passenger's side of your vehicle using the included mounting brackets and zip ties. Make sure the tube is at least 8 inches away from any direct heat source and away from all moving parts. Use the included zip ties to secure the underbody tube to the mounting bracket. **IMPORTANT: DO NOT DRILL ANY HOLES OR ATTACH THE MOUNTING BRACKETS TO THE RADIATOR.**
6. Second, mount the driver's side 48" tube with the power wire facing the rear of your vehicle, to your vehicle using the included mounting brackets and zip ties. A good mounting location for this tube is either the pinch weld or side skirt. **Be extremely aware of the location of brake lines and fuel lines, and do not mount the underbody tube too close to the exhaust. Leave at least 8 inches between the exhaust and the underbody tube.** Keep the tube and the power wire away from any moving parts. Use the included zip ties to secure the underbody tube to the mounting bracket.
7. Next, mount the passenger's side 48" tube with the power wire facing the rear of your vehicle, to your vehicle using the included mounting brackets and zip ties. A good mounting location for this tube is either the pinch weld or side skirt. **Be extremely aware of the location of brake lines and fuel lines, and do not mount the underbody tube too close to the exhaust. Leave at least 8 inches between the exhaust and the underbody tube.** Keep the tube and the power wire away from any moving parts. Use the included zip ties to secure the underbody tube to the mounting bracket.
8. Now, mount the rear 36" tube with the 18 foot power wire facing the driver's side, to your vehicle using the included mounting brackets and zip ties. **Be extremely aware of the location of brake lines and fuel lines, and do not mount the underbody tube too close to the exhaust. Leave at least 8 inches between the exhaust and the underbody tube.** Keep the tube and the power wire away from any moving parts. Use the included zip ties to secure the underbody tube to the mounting bracket.



10. Find a safe, secure, and dry location to mount the underbody tube distributor cable. We recommend mounting the distributor cable inside the car, if possible. If this is not possible, we suggest mounting the distributor cable in your engine bay in the driest location available. Improper installation or water damage to the distributor cable or kit will void all warranties.

11. Mount the underbody kit's control box in a safe and secure location inside of your vehicle. Connect the underbody tube distributor cable to the control box. If the distributor cable is mounted inside of your engine bay, run the lead wire through a pre-existing hole with a grommet in your firewall and to the control box. If you do not have a pre-existing hole in the firewall you can drill one, just be sure to use a rubber grommet to ensure the lead wire is not cut or pinched. Improper installation or water damage to the distributor cable or kit will void all warranties.

**This Underbody Kit Can Be Powered by:**

1. Connect the red power wire to any 12 volt source. If you need to extend the power wires, be sure to only use 14 or 16 gauge automotive grade wire. If you are running the power wire to the battery, it must go through the firewall by using an existing grommet or by drilling a hole and adding a new grommet, which is available at any auto parts store. Be sure to install a fuse within 6 inches of the power source. (You will have to install an additional fuse if you have to extend the wires.) Do not run the wire through the door jam. The wire can be pinched and will void all warranties.

**Note:** The controller has a built-in power save mode, which is enabled after 8 hours of inactivity with your device. This mode is designed to prevent unnecessary battery drain. If you would like to completely remove power from the controller when not in use, connect the power wires to a 12V switched source.

## Android Device Pairing Instructions (Android 4.0 & Up Required):

### Step 1

Make sure your Phone's Bluetooth is on to connect to the Nasty Ringz Control Box, Open app and if app is finding Nasty Ringz Bluetooth. This will indicate that your control box is now ready to be paired to your device.

### Step 2

On your device, navigate to your "Bluetooth Settings," which is found in your "Settings" app, and make sure Bluetooth is currently enabled. Once you enable your Bluetooth connection.

### Step 3

Select the "Nasty Ringz" device to begin pairing to the control box. If the "Nasty Ringz" controller is not appearing under the "Bluetooth devices" tab, select "Search for devices" so your device will scan for nearby Bluetooth accessories. If after this step your device is still not finding the controller, (1) make sure the controller has 12V of power, (2) restart your device and try again. See device pairing and troubleshooting if your pairing was unsuccessful.

### Step 4

Once your device is paired correctly, the status on your screen will change from "Available Devices" to "Connected".

### Step 5

Before you can begin using the Bluetooth Enabled Control you must download and install the Magic LED Mobile Control App from the Google Play Store or Apple App store. The App can be found by searching with the keyword, "Magic LED."



## Device Pairing Tips & Troubleshooting

- Disconnect from the control box when you are not using it. This can simply be done by either turning off Bluetooth in the Settings app or by getting out of range of the control box. Exiting the Magic LED Mobile Control App will not disconnect your iOS device from the controller as the app was designed for multitasking with other apps, such as answering a phone call, or surfing the web and then switching back to the Mobile Control App, all while keeping your connection active. The same can be done in the Android version by either turning off Bluetooth in the Settings app, getting out of range of the control box, or shutting down the app by double tapping on your device's "Back" button while inside the app.
- This control box was designed with a power save mode to be enabled after 8 hours of inactivity with your device. This allows the control box to draw minimum power, ensuring it does not drain your vehicle's battery. It may take an additional minute when attempting to reconnect back to the controller while it is currently in power save mode, if you are using iOS. To prevent any battery drain when not in use, you can install the control box to a 12V switched source to completely remove power at your choosing.
- If you have Bluetooth switched "On" in your Settings app and the controller is powered, your iOS device will attempt to connect to the controller whenever it is in range. You do not need to pair and manually connect to the controller after the initial setup if you are using the same device. Your Android device will connect once your device pairs to your control box and you open the app.
- In the event that your Android/iOS device cannot connect to the controller, you may try one of the following:
  - Restart/Power Cycle your Android/iOS device
  - Restart your Bluetooth enabled control box by disconnecting power to it for 20 seconds
  - If all else fails, while the lights on the kit are turned off, hold the power button on the controller for four seconds while the LED status indicator is solid red and release once the LED turns solid yellow. The controller will now be in pairing mode. Next, go into your Bluetooth settings in the Settings app and tap the arrow on the right side of the "Magic LED" device, and then select "Forget this Device." Finally, restart your Android/iOS device and continue on from Step 2 in the previous pages to do a fresh pairing with the control box.
- The control box operates independently from the app. In the event that your Android/iOS device is not available for use, the control box provides full lighting functionality with color, mode and speed buttons, designed to fully operate the lighting kit without the Magic LED Mobile Control App. You cannot save any presets from the control box; therefore, once you reopen the app, the current lighting configuration shown on your device's screen will be immediately synchronized back to the controller.
- You can have only one device paired to your control box at a time. Any attempt to try and connect to the control box with a different device while the control box is not currently in pairing mode will be rejected and an error message will appear.

## ONE YEAR NON-TRANSFERRABLE LIMITED WARRANTY AND DISCLAIMER

Nasty Ringz Underglow, LLC ("Nasty Ringz") warrants to the original retail consumer purchaser, and not any other purchaser or subsequent owner, that this Product will be free from defects in material or workmanship for a period of **one (1) year** from the purchase date. **This warranty does not cover any Product that is (1) installed incorrectly, or (2) damaged by collisions, vandalism, other accidents, or similar causes.**

For a period of **one (1) year** from the date of purchase, at no charge to the Purchaser, Nasty Ringz will repair or replace this Product if it is determined by Nasty Ringz to be defective. After the warranty period, the Purchaser must pay all charges for parts and labor.

Coverage under this warranty is only valid within the United States, including its territories, as well as in certain other countries. Purchasers should check our website, [www.nastyringz.com](http://www.nastyringz.com), to determine the warranty coverage in the countries in which they are located.

Nasty Ringz does **not warrant the installation** of the Product, which is the sole responsibility of the Purchaser. Installation should be done by licensed professionals. Improper installation may cause damage to the Product and any vehicle in which it is installed, and may cause burns and electrical injury to individuals. Nasty Ringz warranty does not cover any expenses incurred in removing Products that are defective or re-installing replacement Products in their place.

During the warranty period, to have the Product repaired or replaced, the Purchaser must return the Product, freight prepaid by the Purchaser, to Nasty Ringz (but for customers in the contiguous United States, Nasty Ringz will pay the shipping charges if any Product fails during the first thirty (30) days after purchase). The Product must be returned in its original carton or in a similar package affording an equal degree of protection. Nasty Ringz will return the repaired or replaced Product, freight prepaid, to the Purchaser. Nasty Ringz does not provide Purchasers with temporary replacement units during the warranty period or at any other time.

This limited warranty is non-transferrable and will automatically terminate if the original retail consumer purchaser resells the Product or transfers the vehicle on which the Product is installed. An "original retail consumer purchaser" is a person who originally purchases the Product, or a gift recipient of a new Product that is in its original packaging and unopened.

This limited warranty is subject to all of the following terms and conditions:

### TERMS AND CONDITIONS

**1. NOTIFICATION OF CLAIMS; WARRANTY SERVICE:** IF PURCHASER BELIEVES THAT A PRODUCT IS DEFECTIVE IN MATERIAL OR WORKMANSHIP, WRITTEN NOTICE WITH AN EXPLANATION OF THE CLAIM SHALL BE GIVEN PROMPTLY BY PURCHASER TO LEDGLOW. ALL WARRANTY CLAIMS MUST BE MADE WITHIN THE WARRANTY PERIOD, AND ANY PRODUCTS RETURNED TO LEDGLOW MUST BE SHIPPED IN ACCORDANCE WITH LEDGLOW'S PROCEDURES (INCLUDING USE OF RMA NUMBERS SUPPLIED BY LEDGLOW AFTER NOTIFICATION). THE REPAIR OR REPLACEMENT OF ANY PRODUCT OR PART THEREOF SHALL NOT EXTEND THE ORIGINAL WARRANTY PERIOD. THE SPECIFIC WARRANTY ON THE REPAIRED PART ONLY SHALL BE IN EFFECT FOR A PERIOD OF NINETY (90) DAYS FOLLOWING THE REPAIR OR REPLACEMENT OF THAT PART, OR THE REMAINING PERIOD OF THE PRODUCT WARRANTY, WHICHEVER IS GREATER.

**2. EXCLUSIVE REMEDY; ACCEPTANCE:** PURCHASER'S EXCLUSIVE REMEDY AND LEDGLOW'S SOLE OBLIGATION IS TO SUPPLY (OR PAY FOR) ALL LABOR NECESSARY TO REPAIR ANY PRODUCT FOUND TO BE DEFECTIVE WITHIN THE WARRANTY PERIOD AND TO SUPPLY NEW OR REBUILT REPLACEMENTS FOR DEFECTIVE PARTS. NASTY RINGZ WILL REFUND THE PURCHASE PRICE FOR SUCH PRODUCT ONLY IF REPAIR OR REPLACEMENT FAILS TO REMEDY THE DEFECT. PURCHASER'S FAILURE TO MAKE A CLAIM AS PROVIDED IN PARAGRAPH 1 ABOVE OR CONTINUED USE OF THE PRODUCT SHALL CONSTITUTE AN UNQUALIFIED ACCEPTANCE OF SUCH PRODUCT AND A WAIVER BY PURCHASER OF ALL CLAIMS THERETO.

**3. EXCEPTIONS TO LIMITED WARRANTY:** NASTY RINGZ SHALL HAVE NO OBLIGATION TO PURCHASER WITH RESPECT TO ANY PRODUCT THAT IS SUBJECTED TO ANY OF THE FOLLOWING: ABUSE, IMPROPER USE, NEGLIGENCE, ACCIDENT, MODIFICATION, FAILURE TO FOLLOW THE OPERATING PROCEDURES OUTLINED IN THE USER'S MANUAL, FAILURE TO FOLLOW THE MAINTENANCE PROCEDURES IN THE SERVICE MANUAL FOR THE PRODUCT, ATTEMPTED REPAIR BY NON-QUALIFIED PERSONNEL, OPERATION OF THE PRODUCT OUTSIDE OF THE PUBLISHED ENVIRONMENTAL AND ELECTRICAL PARAMETERS, OR IF THE PRODUCT'S ORIGINAL IDENTIFICATION (TRADEMARK, SERIAL NUMBER) MARKINGS HAVE BEEN DEFACED, ALTERED, OR REMOVED. NASTY RINGZ EXCLUDES FROM WARRANTY COVERAGE PRODUCTS SOLD AS IS AND/OR WITH ALL FAULTS. NASTY RINGZ ALSO EXCLUDES FROM WARRANTY COVERAGE ANY CONSUMABLE ITEMS SUCH AS FUSES AND BATTERIES.

All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product.

**4. PROOF OF PURCHASE; REGISTRATION:** The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility. Registration of any Product or of this limited warranty is voluntary, and failure to register will not diminish any rights available under this warranty.

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### LIMITATION OF LIABILITY

THE LIABILITY OF NASTY RINGZ, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT FOR WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL LEDGLOW BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REIMBURSEMENT OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.

**GOVERNING LAW:** This non-transferrable limited warranty shall be governed by the law of the State of Alabama, U.S.A., and the United States of America, excluding their conflicts of laws principles. The courts of Monroe County, Alabama, shall have the exclusive jurisdiction over any legal action with respect to this warranty.

This limited warranty gives specific legal rights. You may also have other rights that may vary from state to state or from country to country. Some states or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. You are advised to consult applicable state or country laws for a full determination of rights.

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