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Million Color LED Wheel Ring Lighting Kit Installation

⚠ WARNING

- Please check your state and local laws before installing this Million Color LED Wheel Well Kit. Every state has different policies and procedures in place regarding aftermarket vehicle accessories. LEDGlow is not responsible for any fines that you may receive while using this lighting kit. **This kit is for off-road use only.**
- The installation of this kit is required to be installed by a licensed professional. The improper installation of this kit will void all warranties.
- Prior to installation, ensure the vehicle you are installing this product on has brake dust shields that are in good condition behind the rotors. The rotor diameter must be 13.5" or smaller and the wheel diameter 18" or larger for the 14" kit. The rotor diameter must be 15" or smaller and the wheel diameter 20" or larger for the 15.5" kit. Please include your caliper when measuring for fitment as larger calipers may interfere with wheel ring mounting.

⚠ CAUTION

- Part of the brake system will have to be removed and reinstalled during the installation of the light kit. Future service of the brake system will require removal of the kit.

Tool List

- | | |
|--|---|
| • Drill and Drill Bit | • Felt-tip Marker |
| • Screwdriver | • Pliers (Optional) |
| • Various Tools to Remove Brake Components | • Pop Rivet Gun (optional) |
| • Jack and Jack Stands | • Cutting Wheel or Metal Saw (Optional) |
| • Tape Measure | • Safety Gloves |
| • Center Punch | • Protective Eyewear |

Wheel Ring Lighting Kit Includes

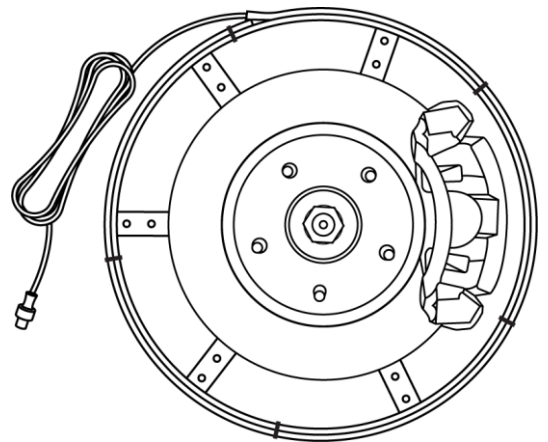
- | | |
|--------------------------|------------------------|
| • Wheel Rings (4) | • Clip-on Brackets (8) |
| • Mounting Brackets (20) | • Screws (20) |



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Installation Instructions:

1. Temporarily connect the Wheel Ring Lighting Kit to a 12-volt power source and test for full functionality prior to installation.
2. Disconnect the negative side of the vehicle's battery.
3. Using a jack and jack stands, or an automotive lift, safely raise and support the vehicle.
4. Remove the wheels from the vehicle.
5. Inspect the dust shields for corrosion. Once thoroughly inspected, test fit the wheel ring to ensure you will have proper clearance from all moving parts, as well as the brake caliper.
6. Remove the brake caliper and rotor in order to gain full access to the brake dust shield. Remove the caliper bolts and secure the caliper so that it does not fall. **Do not remove the brake line from the caliper.** Remove the rotor and set aside. Do not use a hammer to remove the rotor as this can cause severe damage to the rotor.
7. All brackets must be mounted to the backside of the dust shield. All hardware must go through the dust shield from the front and into the wheel ring bracket. Ensure there is enough clearance between the mounting screws and the brake rotor. Modification and adjustments of the brackets may be necessary for clearance of brake and suspension components.
8. The mounting brackets can be installed using self-tapping screws, through bolts, or rivets. Mark the hardware mounting locations on the brake dust shield with a marker and a punch. Drill the necessary holes in the correct size for the hardware that you are using. Ensure there is proper clearance between the rotor and the hardware you are using, and install these brackets to the brake dust shield. Not all brackets are going to be used, but be sure to use at least 4 brackets in order to keep the ring secure.



✦ **TECH TIP:** There are clamp-on brackets included in the kit that will enable you to install a bracket in a position that does not match up with the pre-threaded holes.

✦ **TECH TIP:** Thoroughly clean any metal shavings off of the brake and bearing surfaces.

9. Prior to mounting the ring to the installed brackets, ensure the attached wire is in an upward position facing forward. (See image above) Check to ensure you have maintained clearance from the caliper and any moving parts. There are extra pre-drilled holes on the ring which will allow you to adjust the location of the mounting brackets, if necessary.

✦ **TECH TIP:** When the ring is mounted there should be a minimum of a 1/4" gap between the caliper and the wheel ring.

10. Once clearance is verified, mount the wheel ring to the installed brackets using the included screws. If you used the clamp-on brackets, snap the wheel ring into the brackets in the recommended position, and tighten the brackets.



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11. Secure the wheel ring wires to the flex brake line and safely route this wire to the firewall. Use wire ties to keep the wires away from moving parts and heat. Ensure there is at least 6 inches between any moving parts or heat sources and the wheel ring wires.
12. Repeat installation steps 8-11 for the remaining 3 brake dust shields.
13. Once all wheel rings are installed, reinstall any brake components that were removed. Torque all brake components to manufacturer specifications.
14. Reinstall the wheels. Rotate the wheel to ensure your rim and wheel ring have proper clearance, paying close attention to the location of any wheel weights.
15. Safely lower the vehicle.
16. Mount the junction cable on the firewall away from heat, in a **dry** location. Corrosion to the junction cable will void all warranties and may cause the control box to fail.
17. If this kit is being utilized as an add-on and is being added to a control box that has already be installed, plug the distributor cable into the correct port on the control box. Please follow the original instruction guide for further control information.

Million Color Wheel Ring Controller Installation:

1. Connect the red power wire to a positive (+) 12 volt source. Be sure to use 16 or 18 gauge automotive grade wiring if you need to extend the red and black wires.
 - a. If you are running the wires to your vehicle's battery, the wires must go through the firewall by using an existing grommet or by drilling a hole and adding a new grommet. A grommet is available at any auto parts store. Be sure to install the fuse within 6 inches of the battery.

🔧 **TECH TIP:** If you connect the power wires to a switched source, the control box will not retain the color and pattern the kit was last on. If you connect the power wires to a constant source, the control box will retain the color and pattern the kit was last on. Also, when connected to a constant source, you will need to physically turn the kit off as it will not power down with your vehicle.

🔧 **TECH TIP:** If you want to tap power from your vehicle's fuse box, we recommend using LEDGlow's Expandable Circuit, which is available at www.LEDGlow.com.



2. Connect the black wire to a suitable, unpainted metal surface under the dash at any main bracket or grounding block. If you are connecting the wires to your vehicle's battery, connect the black wire to the negative (-) terminal of the battery or any engine ground.
3. Reconnect the battery.
4. Test for operation.



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Using the Control Box & 4 Button Wireless Remote



Color Change Button

Pressing this button on the control box or wireless remote allows you to select from 18 solid color options and 2 color cycle modes. The 18 available solid colors options are listed below.

Red	Green	Blue	Yellow	Purple
Light Green	Pale Green	Lime Green	Light Blue	Teal
Pale Blue	Light Purple	Lavender	Pink	Light Pink
Orange	Aqua	White	Million Color Scan	Million Color Fade

Speed Change Button

Pressing this button on the control box or wireless remote will allow you to select from 5 different speeds for your selected pattern.

If your kit is in music mode, this button will adjust the sensitivity of the selected music mode.

Mode Change Button

This button is used to select from the 17 different lighting patterns. The patterns are listed below.

Scan Mode	Scan to Solid On 3	End to End Scan	5 Sound Activated Modes
Scan Mode 2	1/3 Solid to 2/3 Scan	Chase Mode	Flash Mode
Scan to Solid On	Side to Side Scan	In to Out Scan	Solid Illumination
Scan to Solid On 2			

Power Button

This button is used to power your kit on and off

Adding or Replacing your Wireless Remote:

1. Your kit is already pre-programmed for the included wireless remote. This setup is only needed when replacing an existing remote or by adding additional wireless remotes to your system. You can program up to 3 wireless remotes to one control box.
2. To program the remote to the control box, you must turn the kit off.
 - a) First Remote - Press and hold the mode button on the wireless remote and the mode button on the control box for 5-7 seconds. Test the operation with the remote.
 - b) Second Remote - Press and hold the speed button on the wireless remote and the speed button on the control box for 5-7 seconds. Test the operation with the remote.
 - c) Third Remote - Press and hold the color button on the wireless remote and the color button on the control box for 5-7 seconds. Test the operation with the remote.

For accessories, replacement parts and technical support, please visit www.LEDGlow.com for more information.



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ONE YEAR NON-TRANSFERABLE LIMITED WARRANTY AND DISCLAIMER

LEDGlow Lighting, LLC ("LEDGlow") 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, LEDGlow will repair or replace this Product if it is determined by LEDGlow 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.LEDGlow.com, to determine the warranty coverage in the countries in which they are located.

LEDGlow 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. LEDGlow's 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 LEDGlow (but for customers in the contiguous United States, LEDGlow 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. LEDGlow will return the repaired or replaced Product, freight prepaid, to the Purchaser. LEDGlow does not provide Purchasers with temporary replacement units during the warranty period or at any other time.

This limited warranty is non-transferable 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. LEDGLOW 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: LEDGLOW 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. LEDGLOW EXCLUDES FROM WARRANTY COVERAGE PRODUCTS SOLD AS IS AND/OR WITH ALL FAULTS. LEDGLOW 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.

DISCLAIMER OF WARRANTY

EXCEPT FOR THE FOREGOING WARRANTIES, LEDGLOW HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE OR IN ANY OTHER STATE STATUTE.

LIMITATION OF LIABILITY

THE LIABILITY OF LEDGLOW, 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-transferable limited warranty shall be governed by the law of the State of New Jersey, U.S.A., and the United States of America, excluding their conflicts of laws principles. The courts of Camden County, New Jersey, 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.