



JEEP JL 7INCH 75WATT LED HEADLIGHT WITH RGB ACCENT + AMBER TURN SIGNAL

BLACK

QTE908



2PCS PER SET



INTRODUCTION

Thank you for purchasing our LED replacement headlights and improving the safety of your vehicle and the safety of the occupants inside! We have designed these LED replacement headlights to be as easy as possible to install. At Quake LED, we always suggest you leave it to the professionals and have a qualified Quake LED technician install and aim your new headlights into your vehicle.

Quake LED replacement headlights will only operate on 12 Volts DC! Most passenger and off-road vehicles are 12 Volts DC, but if you plan to install these in your grandfathers M1 Abrams Tank, you should check the operating voltage before doing so.



If you are feeling up to the task and willing to spend the time to remove your stock headlights, please read onward.

Record both of your Fog Lights or Bluetooth RGB Controller serial no. here _____

WARNING:

Read all instructions and warnings before installing and using. **INSTALLER:** This manual must be delivered to the end user of this equipment.



PARTS INCLUDED

- 1x Left JL 75W RGB Headlights
- 1x Bluetooth RGB Controller
- 1x Right JL 75W RGB Headlights
- 1x 1 to 2 RGB Y Splitter
- 6x Flat Washers



UNPACKING and PRE-INSTALLATION

Carefully remove all the components and place it on a flat surface, taking care not to scratch or damage it. Examine for any visible damage caused by shipping and report any damage to the carrier and keep the shipping package. Take a good look at all the components so you are familiar with them before opening the hood.

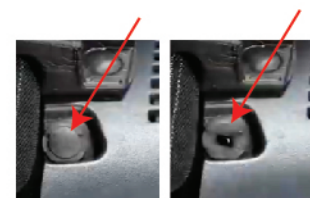
TOOLS NEEDED

- Flat Head Screw Driver
- Nylon Panel Removal Tool
- Ratchet
- Ratchet Extension
- 10mm Socket

Your Quake LED JL headlights come standard with high/low beams and also feature RGB Accenting and Amber Turn Signals. We advise to take advantage of these great features and use them. Before you start disassembling your Jeep. Mount your Bluetooth RGB Controller on the passenger side of the engine bay and nearby the battery. Route the RGB wires from the Bluetooth RGB Controller to the headlights that is safe, driest and clear of moving or rotating parts or any excessive heat sources. Excessive or prolonged heat can damage the protection wire loom leading to wire chaffing that could break wires and cause a short circuit. We have weatherproofed the RGB Controller unit to withstand small amounts of water. We recommended that you place the RGB Controller unit far away from heavy water areas such as wheel wells or windshield wiper/roof drain areas.

PROCESS

1. Open the hood and remove the double stage plastic pop clips that run along the top edge of the grill and holds the grill together. With your nylon panel removal tool or flathead screwdriver. Place the head of the tool under the pop clip head and gentle pry up a little. Use your fingers to take out the top section of the pop clip. Gentle pry up the grill plastic with your hands to loosen the lower section of the pop clip. Then work your way down the line to pop all 6 pop clips.



2. The bottom of the grill is held on by a few pressure clips that are located directly under the headlights. Give it a gentle but firm tug on the bottom of the grill with two hands and this will release that side of the grill. Do the same to the other side. Now you can remove the grill.

3. Grab your ratchet, extension and 10mm socket. There are three 10mm screws on the outside of the headlights that need to be removed.

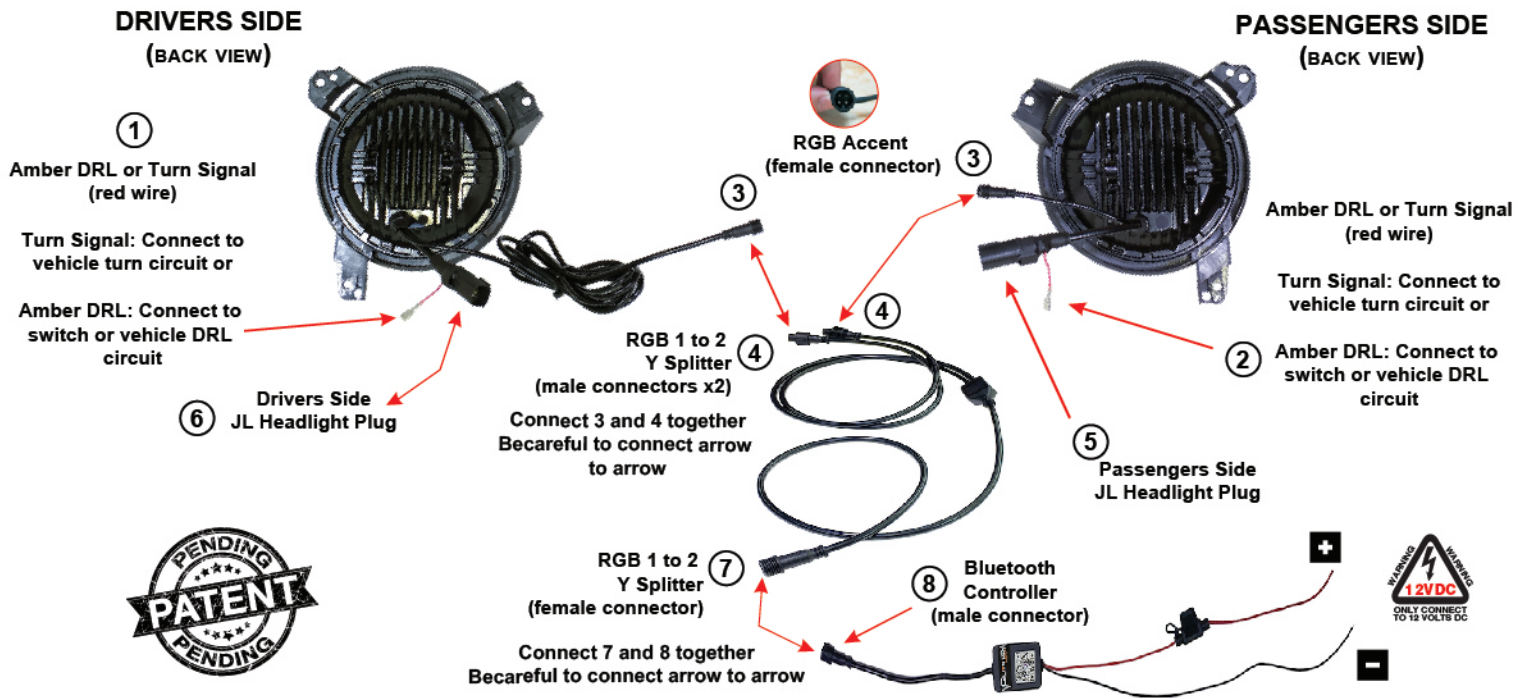


— LIGHT UP THE DARKNESS —



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- Pull out the headlight and release the christmas tree plug holding the wire to the headlight in order to make room.
 - Press the stock JL headlight connector release tab and the headlight connector will release from the stock headlight. Now you can remove the stock JL headlight from the vehicle.
 - Reverse process to install your new Quake LED JL headlights into your vehicle. Wait to install your grill until you have checked the beam location.
 - Once you have installed both headlights. You will need to make sure the beam location is not too high up and potentially blinding oncoming traffic. On the other hand you don't want the beam too low and not illuminating forward enough to see what is in front of you. Since most Jeeps have a 2" lift and 35" tires. We have designed the headlights to fit this type.
- In the case that you're Jeep is stock and or is 4" lift and 37" tires or more. You might have to adjust the beam using the included flat washers and locating them under the mounting brackets.
- Stock Jeep:** Add 1 flat washer under the lower bracket on each side if you want to raise the beam and project the beam further down the road.
- Lifted Jeep:** Add 1 flat washer under the 2 top brackets on each side if you want to lower the beam and project the beam less down the road.
- Test that all functions work correctly and secure all wires with plastic cable ties.



9. Now that you have your new Quake LED replacement headlights installed, wires routed and wire connectors assembled, it's time to download and install the Android or iPhone App in order to control your RGB colors and functions. You will need to use the App to scan for the headlights in order for the App to control the headlights. Scan the QR Code that will work with your smart phone.

10. Once you successfully scan the QR Code, a new window will automatically open and confirm that you want to download the App from the App store. Click yes and allow the app to download to your phone. After successfully downloading the App, turn on your smart phone Bluetooth function and open the App.



-Wire Diagram is for Illustration Only.
-Actual wire harness lengths and wire gauge are not to scale.
-Actual wire harness components are not to scale.

— LIGHT UP THE DARKNESS —

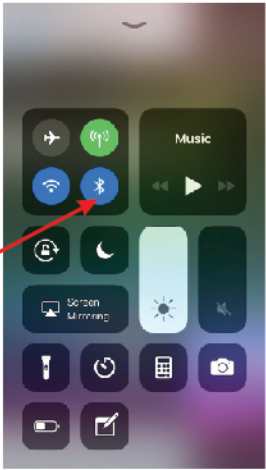


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1 BLUETOOTH ON



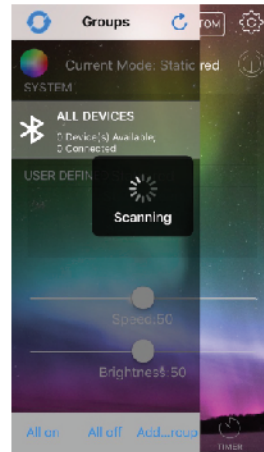
Bluetooth Accent Controller must be switched on

2 TURN APP ON



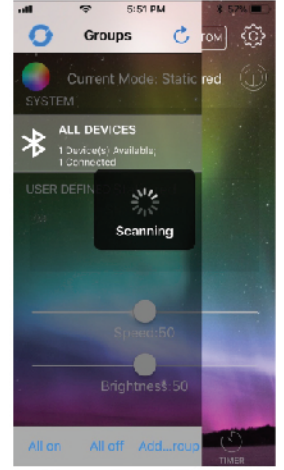
Open the App on your smart phone

3 SCANNING



Wait while it automatically scans for the controller

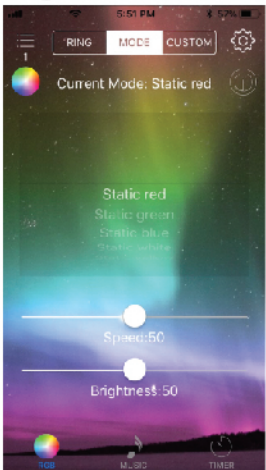
4 CONNECTED



Once found, it will automatically connect

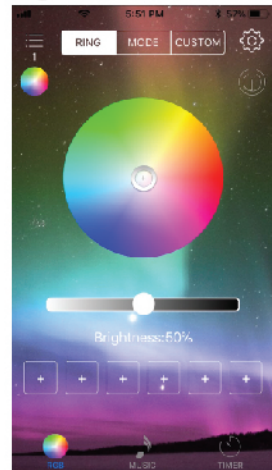
The real fun begins when you have successfully connected the App to the headlights. Now you can pick and choose which colors you want your headlights to accent and you can program your own colors.

6 MODE MENU



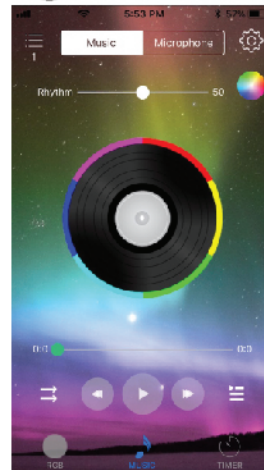
Choose colors, adjust speeds and adjust accent brightness

7 COLOR MENU



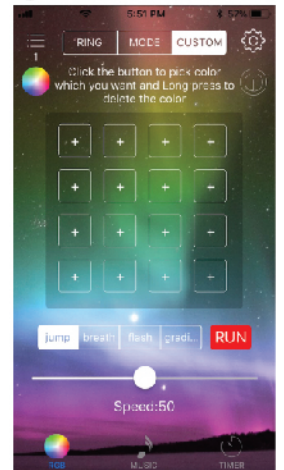
Custom pick your accent color and brightness

8 MUSIC MENU



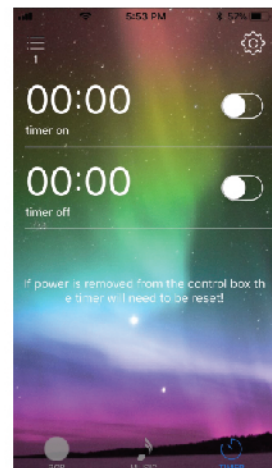
Sync accent colors to your music

9 DIY COLOR MENU



Create and save your own colors and effects

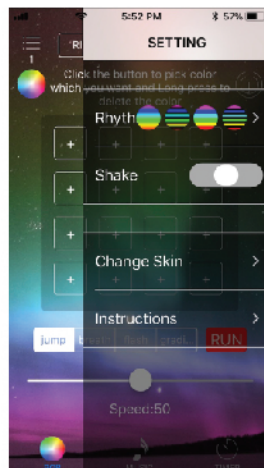
10 TIMER MENU



If your controller is wired directly to your battery, use a timer to turn on and off your accent lights.

Play around with the timer function first and get familiar with the timer setting before leaving your vehicle's accent lights on unattended. (you might come back to a dead battery)

11 SETTINGS



Go to the settings menu to change your skin graphic, pick some flash effects and read more instructions

Enjoy!

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