



These Instructions Are Applicable To:

191-501, 191-503, 191-505

Application: Fits most 5" to 7" square or round automobile headlights.

Part Includes

- 2 - Headlight Assemblies
- Multi-color RGB Harness
- Multi-color Controller

Custom Headlights



Tools Needed



Search: **Lights**

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HOW TO - Although installation instructions may be provided, it is essential that buyers understand RedLine Lumtronix Inc. vehicle lighting products are vehicle related and require installation and vehicle knowledge. Installation skill and experience varies so we recommend professional installation.

MULTI-COLOR RGB HEADLIGHTS

STEP 1.

Turn off your car by taking your keys out of the ignition.

STEP 2.

Remove any headlight bezels and retaining rings.

STEP 3.

Pull the headlight away from the car and disconnect the wire harness plug to completely remove the headlight.

STEP 4.

Place your new LED headlight near the light bucket and plug the back of the headlight into the original wire harness plug. The connector plugs in only one way.

STEP 5.

Route LED wiring to a place where it can be connected to the RGB wiring harness. RGB wiring harness instructions can be found with the harness.

STEP 6.

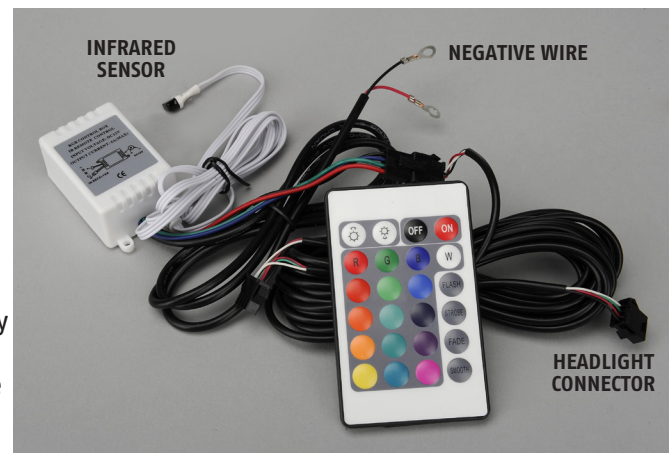
Replace headlight into light bucket. Reinstall headlight bezels and retaining rings but don't over tighten screws. **OVER TIGHTENING HEADLIGHT BEZELS OR RETAINING RINGS MAY CAUSE HEADLIGHT GLASS TO CRACK** under some driving conditions.

STEP 7.

Connect RGB headlight connection to RGB wiring harness.

INSTALLING THE MULTI-COLOR RGB HARNESS

Place the positive and negative wire either directly to the battery or to your ignition switch. Connect each headlight connector to each headlight. Place the infrared sensor in a place where you can point the wireless remote at. You need to point in a line of sight for it to work. The brighter it



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191-505

Custom Headlights (cont.)

is outside in the sun you might have to point closer to the sensor. A lot of people place the infrared sensor just inside the front windshield inside of the cabin of the car, this way they can point at the infrared sensor from inside of the car or outside of the car to change colors anytime they want. The multi-color controller (White Box) is not water proof, so you will need to place it in a safe place or waterproof it.

REPLACING LAMP OR BULB

STEP 1.

Turn off your car by taking your keys out of the ignition.

STEP 2.

Remove any headlight bezels and retaining rings

STEP 3.

Pull the headlight away from the car and disconnect the wire harness plug to completely remove the headlight.

STEP 4.

USE EXTREME CAUTION; if the headlights have been on just prior to removing the headlight give the lamp/bulb time to completely cool. Some lamps can reach temperatures of up to 320°F. Don't remove the bulb until at least an hour after being off to allow the bulb to completely cool.

STEP 5.

Looking at the back of the headlight remove the rubber boot to expose the retaining clip. Push down on the retaining clip and push to one side to release the clip. Pull the clip away from the headlight. Now remove the lamp/bulb by pulling on one of the three prongs.

STEP 6.

Install the new lamp/bulb. The replacement lamp/bulb must be a H4 of brightness of your choice and can be found at any auto parts store. If you are still not sure what to buy, take in your old bulb to the auto parts store and ask clerk to assist you. **NEVER TOUCH THE NEW BULB AS FINGER PRINTS OR ANY RESIDUE CAN SHORTEN THE LIFE OF THE LAMP/BULB.** Install the new bulb. Push retaining clip back into place. Consult new lamp/bulb instructions for any care/installation instructions.

STEP 7.

Replace headlight into light bucket. Reinstall headlight bezels and retaining rings but don't over tighten screws. **OVER TIGHTENING HEADLIGHT BEZELS OR RETAINING RINGS MAY CAUSE HEADLIGHT GLASS TO CRACK** under some driving conditions.

HEADLIGHT BUCKET MULTI-COLOR EXTENSION CABLE.

STEP 1.

Take each of the extension wires and pull them through from the bottom of the headlight mount up into the headlight shell. You may use a small bread tie or a small fish hook to pull each wire through. If you look at each wire closely you will see a hoop on the end of each wire. Place the bread tie or fish hook into the hoop and pull each wire through the hollow electrical mount one at a time.

STEP 2.

Once each connector has been pulled through you will next need to place the connector back on. Before placing each wire into the connector make sure you place each wire into the connector. Looking at the connector from its side place each wire with the wire tab up and the connector tab down, push in each wire in the order specified in Step 3 until you hear the wire snap into place. LOOK at step three before you snap each wire in place because it is not easy to pull the wire back out.

STEP 3.

With the connector slots faced up you will need to place each wire in order into the connector from left to right. Black, red, green, blue.