

AURA™

UNDERGLOW

WITH UNLOCK & DOOR ASSIST

INSTALLATION GUIDE

MAIN COMPONENTS



RIGID LIGHT BARS 2x48" (TWO-SECTION MOVABLE 24")



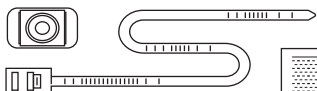
RIGID LIGHT BARS 2x36" (TWO-SECTION MOVABLE 18")



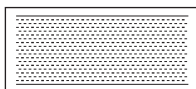
AURA CONTROL BOX



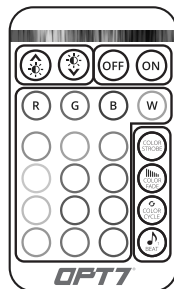
HARDWIRE POWER HARNESS



MOUNTING KIT

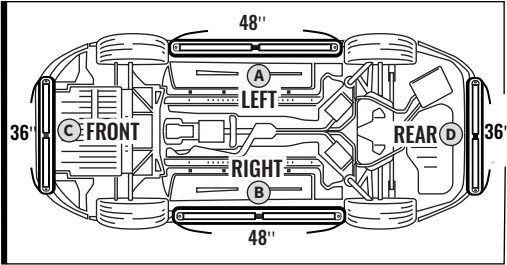


INCLUDES - WIRE MOUNTS, SELF-TAPPING SCREWS, BOOSTER, VELCRO, ZIP TIES



HAND HELD REMOTE

INSTALLATION



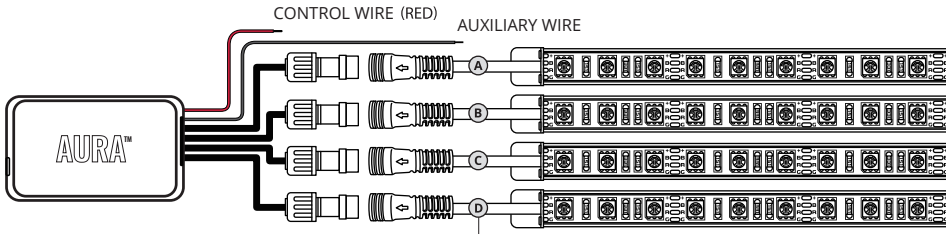
STEP 1

Decide where to locate the control box and ensure wiring has enough length for light bars to be installed in desired location.

IMPORTANT:

The control box must be installed inside the vehicle as it is not waterproof. Avoid installation areas of the engine bay + heated surfaces.

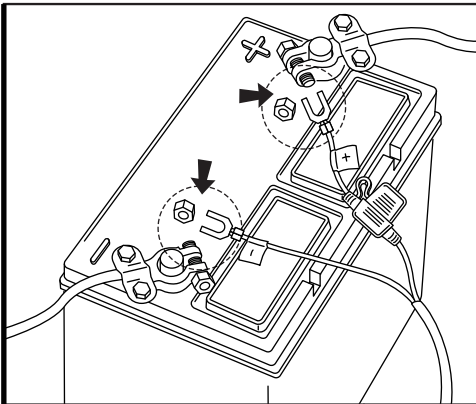
As shown below, connect all the LED bars to the control box with the included extension cables.



- ⊙ 1 × 48" LED Bar + 8ft extension wire
- ⊙ 1 × 48" LED Bar + 8ft extension wire
- ⊙ 1 × 36" LED Bar + 8ft extension wire
- ⊙ 1 × 36" LED Bar + 18ft extension wire

IMPORTANT:

The extension wires are on the led bar. Lay out the bars to measure the length prior to install for a successful installation.



HOW TO CONNECT POWER HARNESS TO YOUR VEHICLE

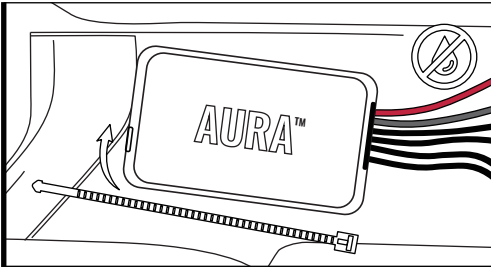
- Connect the Red wire (+) of power harness to the vehicle battery's positive terminal.
- Connect the Black wire (-) of power harness to the vehicle battery's negative terminal or an unpainted area on your vehicle's frame.



WARNING

1. Connecting to more than 10 AMP will override the kit and cause early failure, ensure it is 10 AMP or less!!
2. Please ensure that the LED bars or strips/control box/wiring all are mounted in areas where will not exceed 85°C or 185°F.

INSTALLATION

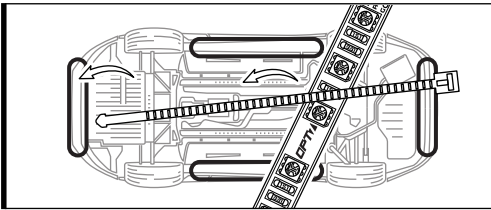


STEP 2

Secure Control box in desired location with Velcro or zip ties.

* CONTROL BOX NOT WATERPROOF

Ensure the control box is safely and securely hidden from exposing elements of moisture.

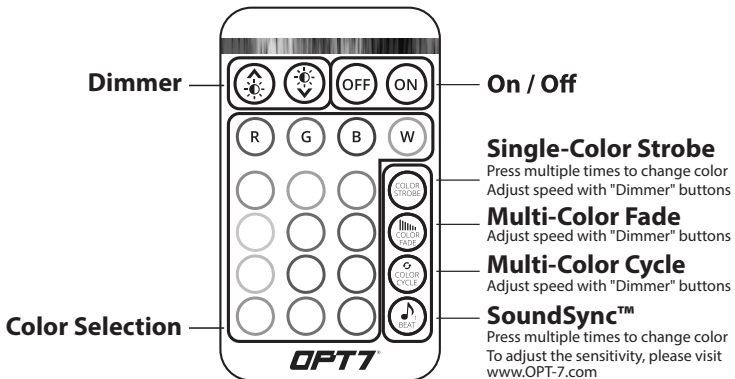


STEP 3

Secure the light bars using the zip ties to tie all the wiring away from the moving components.

STEP 4

Using the included E-Z Remote, select your desired color or pattern.



| AUX WIRING FOR A DOOR/DOME LIGHT



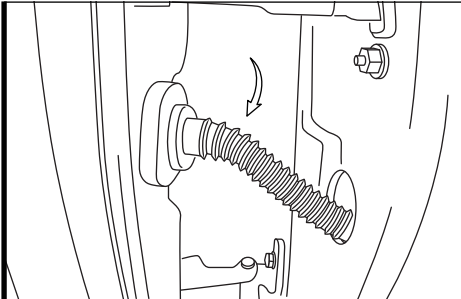
Please scan to see a detail instruction on Door Assist Sync or go to <https://wintis.ladesk.com/549690-AURA-Door-AssistAUX-Installation-Guide>

| CONTROL WIRE FOR A DOOR UNLOCK LIGHT

Please make sure the control wire (wire with the yellow sticker) is connected to an "ACC/On" power source (SEE METHOD 1 FOR DETAILS) ; otherwise,when unlocking it with the car keyfob, it will not trigger any light effects!!

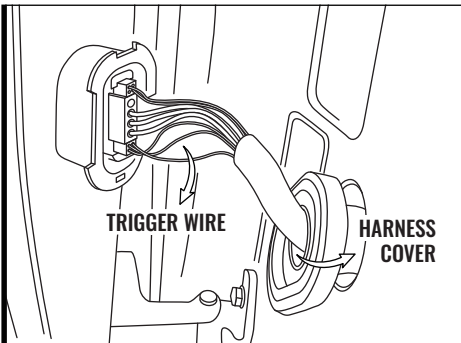
NOTE : When remote unlock feedback is enabled, it will glow blue for 15 seconds.

METHOD : 1



| STEP 1

Open the driver's door. Then find the door access system control harness that connects between the door frame and the door.



| STEP 2

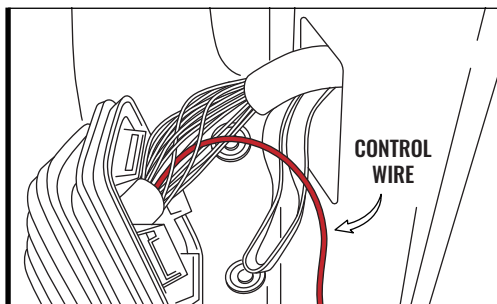
Pull off the harness cover and find the trigger wire that activates the door lock/unlock.

IMPORTANT

HOW TO DIAGNOSE THE CORRECT TRIGGER WIRE?

First, you must prepare a multimeter. Next, please press the "Lock/Unlock" button on the car keyfob to find out this signal source, this measurement process may take you a little time, but it will ensure that you find the correct signal you need.

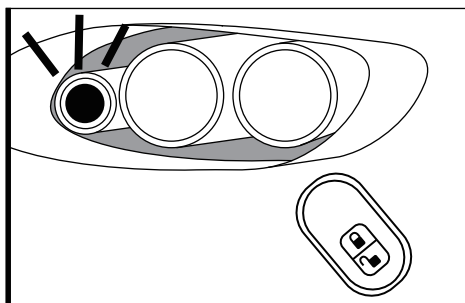
METHOD : 1



STEP 3

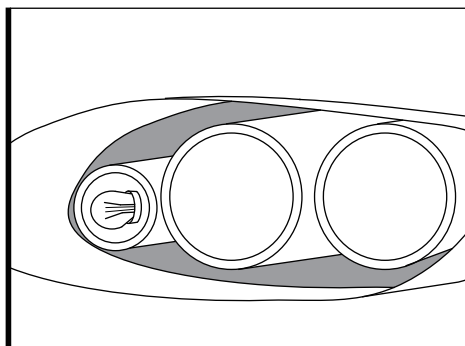
Connect the control wire (red) to the trigger wire. Then connect the light bar to the control box and use the car keyfob for a final test.

METHOD : 2



STEP 1

Confirm if the DRL is still on after unlock the vehicle .



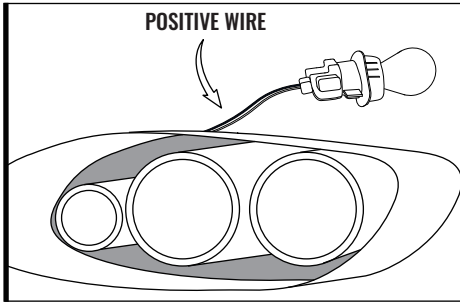
STEP 2

Confirm if the DRL is halogen lamp .

IMPORTANT

DRL has to be an independent signal, it cannot be a shared signal with fog light, high beam, parking light or turn light.

METHOD : 2



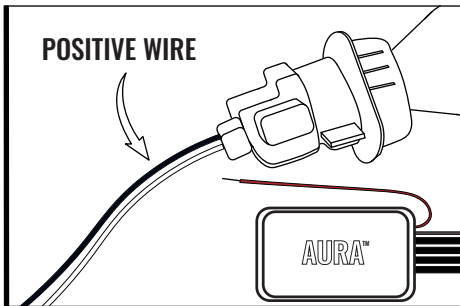
STEP 3

Open the engine room and find the positive wire of the DRL .

IMPORTANT

HOW TO DIAGNOSE THE CORRECT POSITIVE WIRE OF DRL ?

First, please prepare a multimeter.
Next, press the "Lock/Unlock" button on the key fob to find the signal source, then find out the positive wire .



STEP 4

Connect the trigger wire (red) that is on the control box to the DRL positive wire, then connect the LED strip to test if it works.

Locate the red control wire on the control box. Use a scotch lock to securely connect this wire to the Daytime Running Lights (DRL) positive wire. Ensure a firm connection. After the connection is made, test the LED strips to confirm functionality. This step ensures that the installation is successful and that the LED strips are operating as expected.

DISCLAIMER

OPT7 Lighting is not liable for damages or personal injuries while installing this product. The Installation Guide is intended as assistance to reduce setup time. OPT7 Lighting assumes no responsibility for improper installation. If you are unfamiliar with your vehicle or inexperienced with aftermarket upgrades, please seek professional assistance.

OPT7 recommends installation for safety and guidance.

Modified installations or installation recommendations not specified by OPT7 Lighting will void product warranty.