

Bed lighting kit

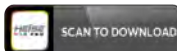
4 Chase LED tubes with controllers

Visit HeiseLED.com to view the available installation parts and

accessories. Watch a Complete Installation of this product on: [youtube.com](https://www.youtube.com)



Lighting controller app



Part Components

- (1) Heise Connect chase controller
- (4) 24in chase LED tubes
- (1) 1ft extension cables
- (1) 10ft extension cables
- (8) Clamp mounts
- (8) Clamp screws
- (8) 4in cable ties
- (2) 5/8in grommet
- (1) Adhesive pad

Product Features

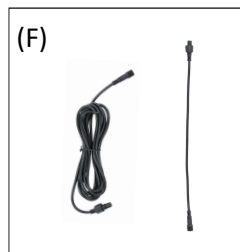
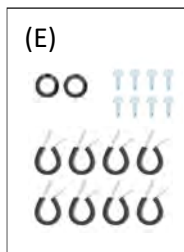
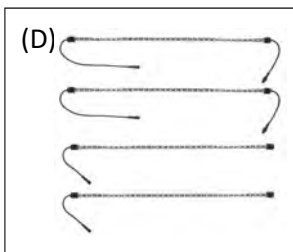
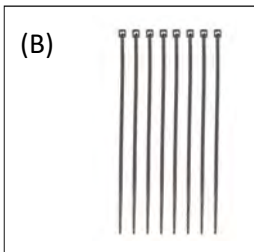
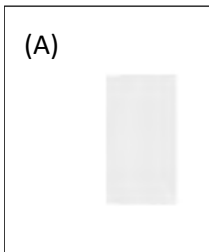
- Tired of not being able to find things in a dark bed? Look no further than the new bed lighting kit from Heise. The (4) 24in chasing tubes will illuminate the entire bed with a crisp white or activate one of the 170+ chasing effects for a Saturday night block party.
- Compatible with most drop in and spray on bed liners.

Tools Needed

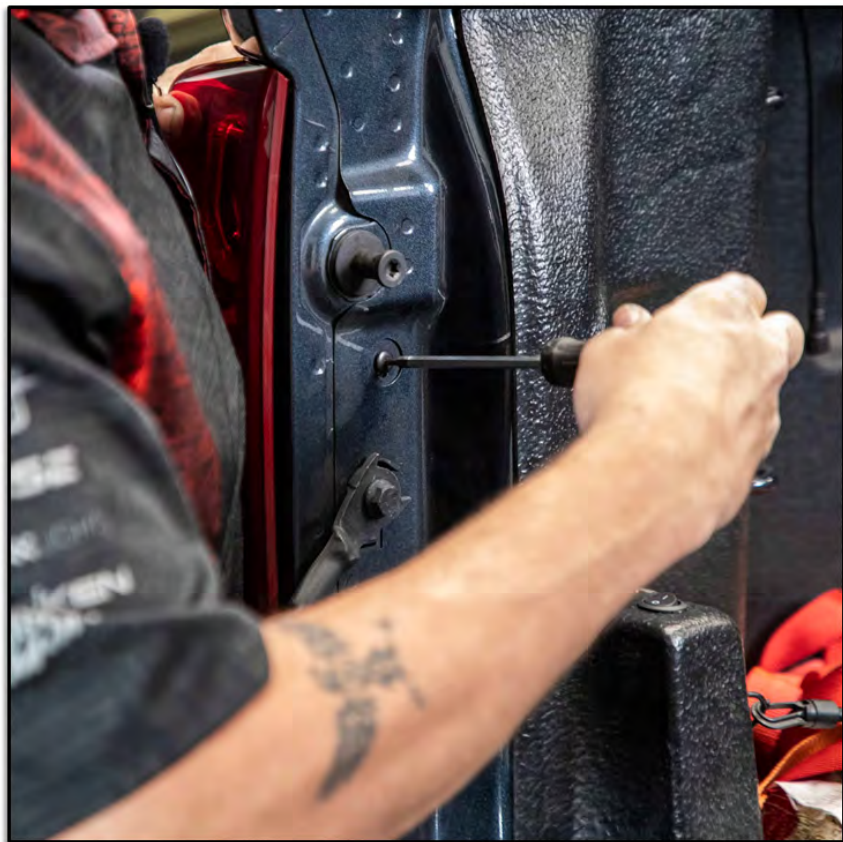
- Wire stripper
- Crimper
- Pry tool
- Screwdriver set
- Socket set
- Drill
- 5/8" drill bit
- Impact driver

What's in the box:

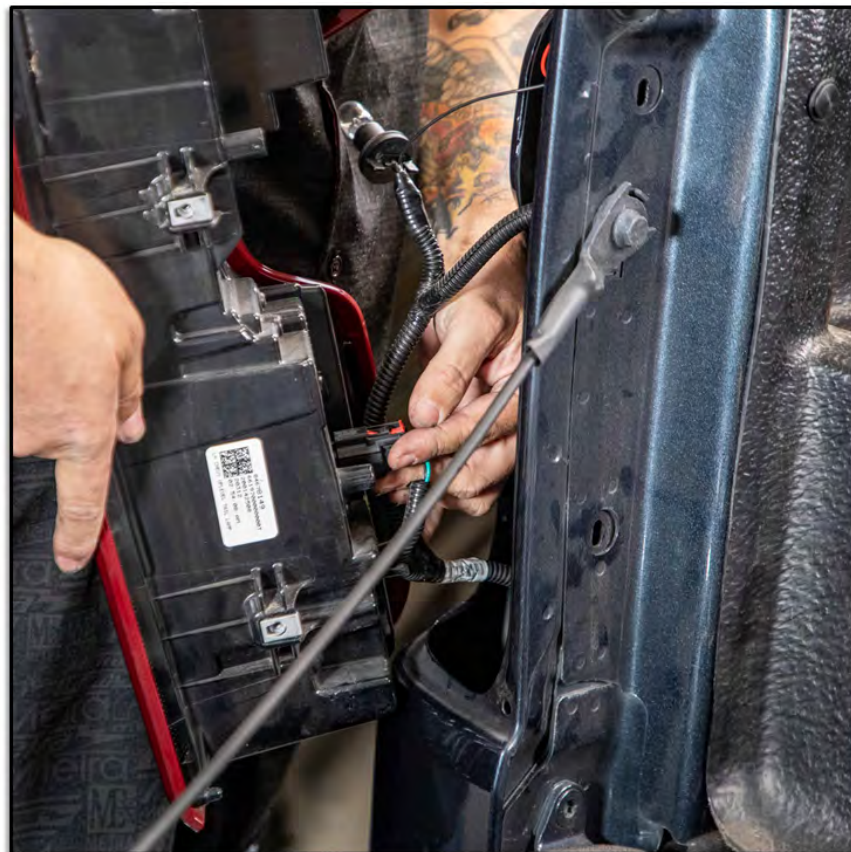
(A) Adhesive pad (B) Cable ties (C) Heise connect controller and remote (D) LED tubes (E) Clamps, screws, and grommets (F) Extension cables



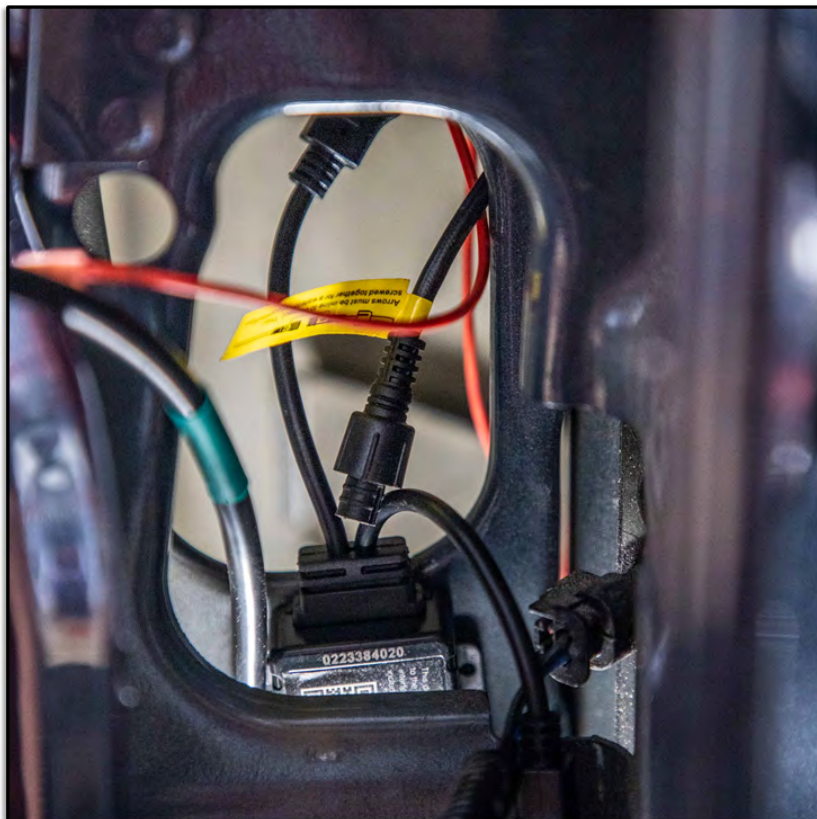
- Look up the taillight removal for the vehicle. This information can be found in a service manual. Typically, taillights are secured with 2 screws and pressure clips.
- On the driver side, remove the screws with the appropriate driver and pull the light housing rearward to release the pressure clips.



- Once the taillight housing is released, carefully remove all bulbs and disconnect any harnessing.
- Sit the taillight housing to the side in a safe location to prevent accidental damage.



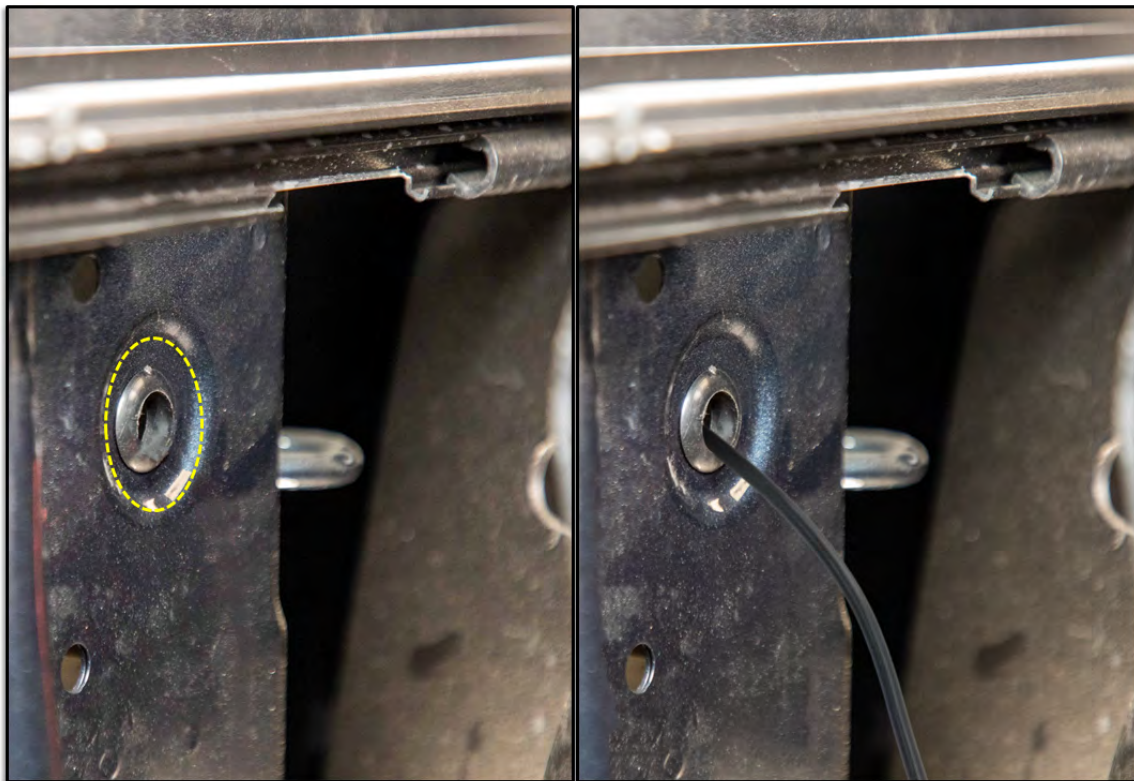
- Inside the housing void on the truck bed, find a location to mount the Heise Connect controller. The location should be flat and not interfere with the installation of the taillight.
- Once the location has been determined:
 - Clean location with alcohol
 - Apply the double sided pad to the bottom of the controller
 - Mount controller by pressing it into place.



- Locate the output connectors on the controller, and find the arrows marked on the heads. Align the arrow on the extension cable head with the arrow on the output head. To connect press the heads together firmly, then screw the retaining cap clockwise. Connect the 1ft extension cable to either of the left outputs.



- Locate a place near the left bed rail and tail light cavity to drill a pass through hole for the extension cable.
- Using a drill and 5/8" drill bit, make the pass through hole.
- Install (1) of the supplied grommets.
- Feed the previously connected 1ft extension through the grommet.



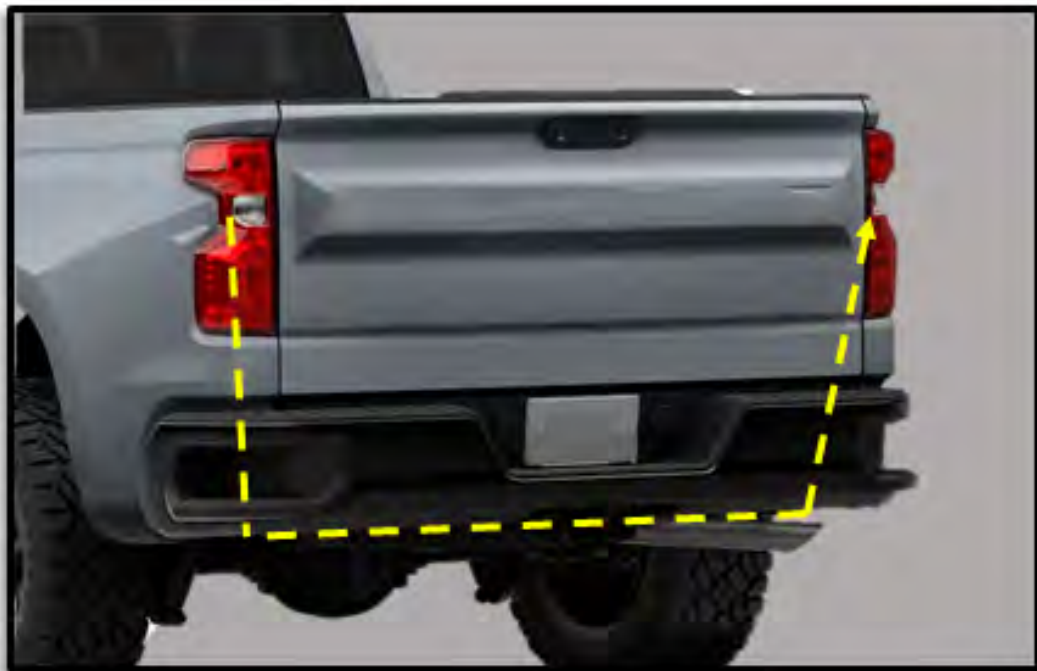
- Connect (1) tube with both an input and output to the 1ft extension
- Place (2) clamps over the tube, (1) at each end, then position the tube under the bed rail.
- Adjust the clamps so that they align with the rib humps of the bed. These humps have a void between the inner and outer walls of the bed.
- Using the supplied screws and an impact driver, mount the clamps to the bed. *Do not over tighten.*



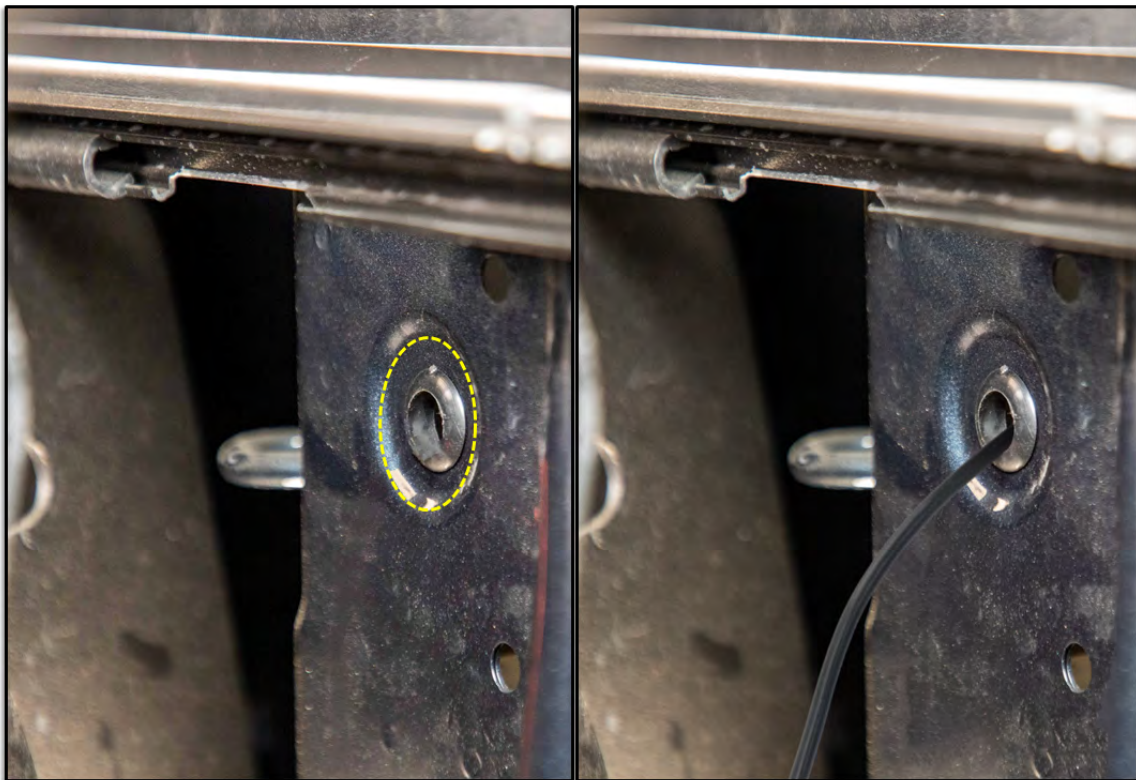
- Connect (1) tube with only an input to the mounted tube.
- Place (2) clamps over the tube, (1) at each end, then position the tube under the bed rail.
- Adjust the clamps so that they align with the rib humps of the bed. These humps have a void between the inner and outer walls of the bed.
- Using the supplied screws and an impact driver, mount the clamps to the bed. *Do not over tighten.*
- *Secure any excess wire with included cable ties.*



- Following the same process, remove the passenger taillight.
- Connect the 10ft extension cable to either of the right outputs on the controller.
- Route the extension cable down and under the bed, then back up into the passenger side taillight void. Make sure to avoid hot surfaces and moving parts. Secure extension cable with supplied cable ties.



- Locate a place near the right bed rail and tail light cavity to drill a pass through hole for the extension cable.
- Using a drill and 5/8" drill bit, make the pass through hole.
- Install (1) of the supplied grommets.
- Feed the 10ft extension cable through the grommet.



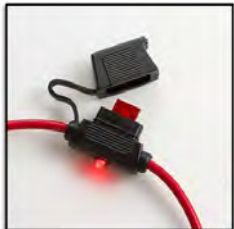
- Connect (1) tube with both an input and output to the 10ft extension.
- Mount tube following the same process and spacing as the driver side.
- Connect final tube and mount, following the same process and spacing as the driver side.
- *Secure any excess wire with included cable ties.*



- The larger cable extending from the controller is the power connections. The black wire should be connected to a factory chassis ground point or the negative terminal of the battery. Factory frame bolts under the bed generally will suffice. A multimeter should be used to check the ground continuity.



- The red wire should be protected with a 10A fuse (not included) and should be connected to a switched power source. We recommend using an in-line fuse holder(not included), and connecting it to a switched circuit in the bed area with a rating of 15A or higher. A service manual can be helpful in identifying an appropriate circuit. If a circuit is not available, run the wire to the positive battery terminal, adding an accessible switch.



In-line fuse holder part numbers

ATC fuse: LPX-04B-I-6R

ATR fuse: LPR-04B-I-12R ATM

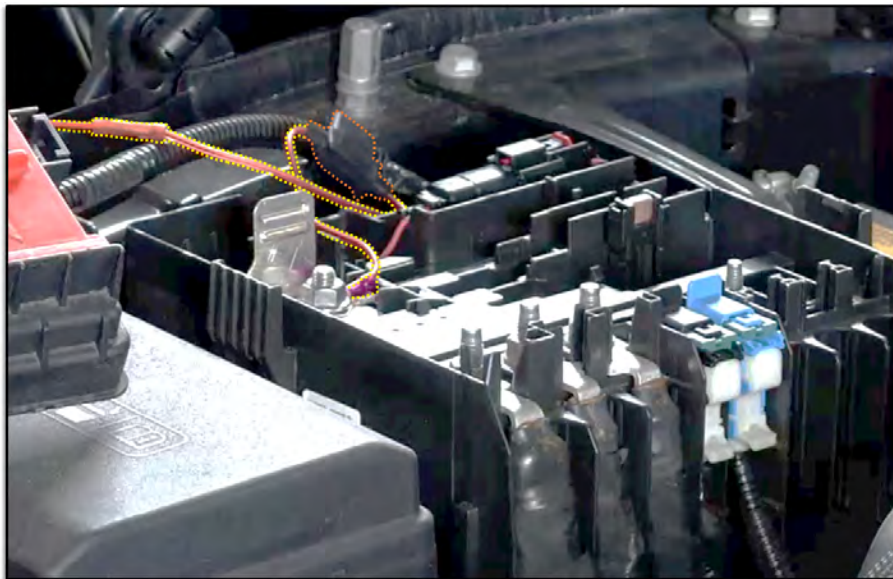
Mini fuse: LPM-04B-I-12R ATM

Micro II fuse: LPT-04B-I-12R

Switch part number

Red: HE-RRS

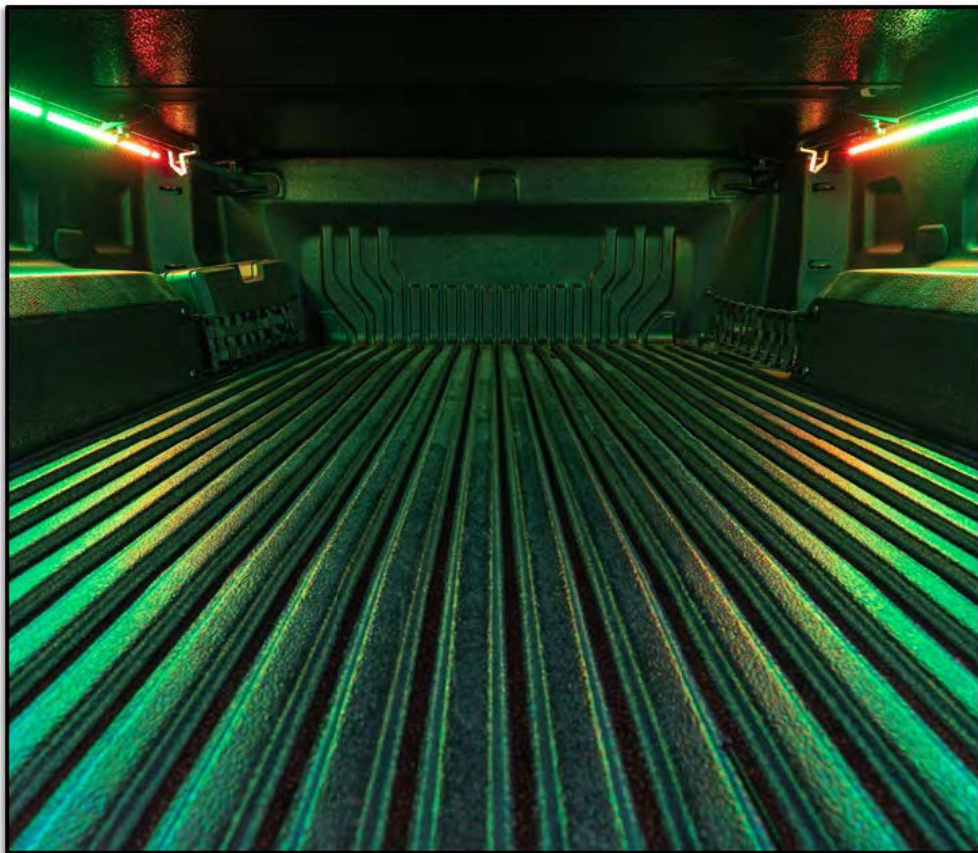
Blue: HE-BRS



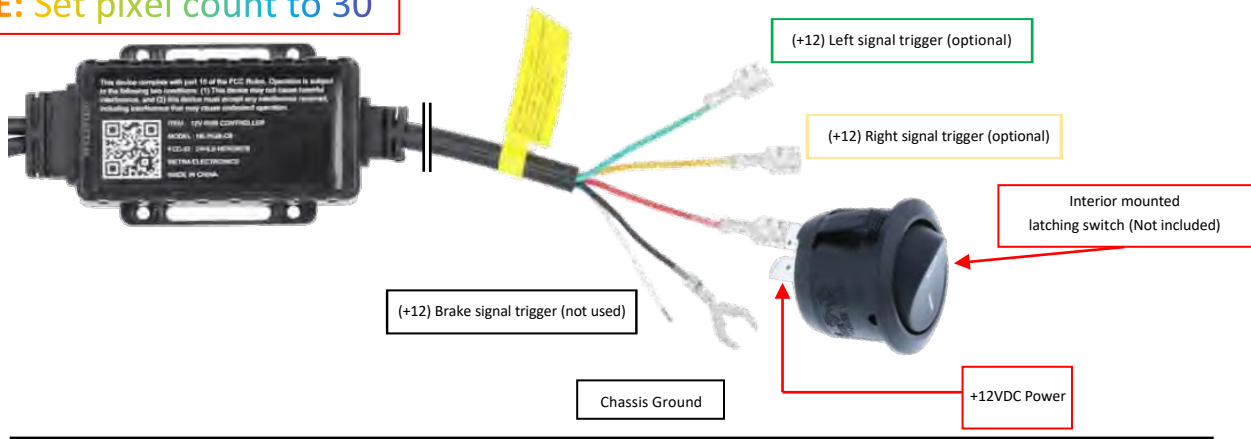
❖ Optional Connections

To activate the turn signal function, locate the vehicle's +12V turn signal wire for the driver side and for the passenger side. Confirm these wires with a multimeter. Extend the green wire on the controller and connect it to the driver side +12V turn signal wire. Extend the yellow wire on the controller and connect it to the passenger side +12V turn signal wire.

- Download the Heise Connect app (QR scan code on next page and front cover) for smart phone control.
- Switch on vehicle, and test functionality. If everything is working correctly, reassemble both taillights.



NOTE: Set pixel count to 30





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Don't forget to Visit [HeiseLED.com](https://www.HeiseLED.com) to view the available installation parts and accessories.

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Techsupport@metra-autosound.com

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