

Install guide for (2013-2018 Ram & 2019-2022 Ram Classic 1500 Factory CHMSL Third Brake LED Light Cargo Camera Kit)

Before you begin, make sure to checkout our install video. We spend a good amount of time getting these videos just right so that they will be a helpful guide.

Part lists

- Cargo - LED Lamp Assembly (C-CAMFCGO)
- Factory Camera Upgrade Loom (C-INTCAMF-DS)
- Camera Interface Harness (C-INTC4T or C-INTRCA)*
- Genie Programmer (C-SCC)
- Security Gateway Module Bypass (C-MODBYP)

*Depends on type of radio in vehicle. Uconnect 4 with 52 pin connector or Uconnect 5 with blue 32 pin connector and green 8 pin connector..

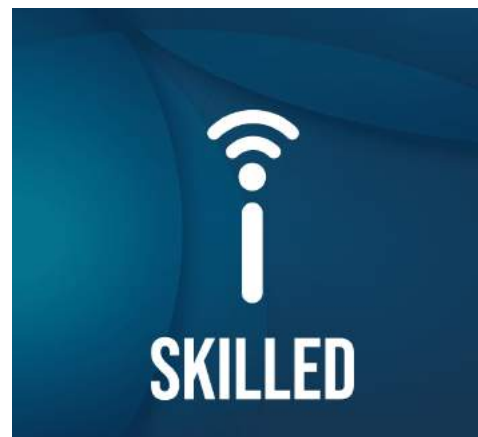


Tools required for installation, socket sizes & whatnot.

- Light Source
- Pry Tool
- Flathead Screwdriver
- Philipshead Screwdriver
- 7mm Wrench/Socket
- Zip Ties
- Electrical Tape
- Flush Cutters

Skill Level: 3

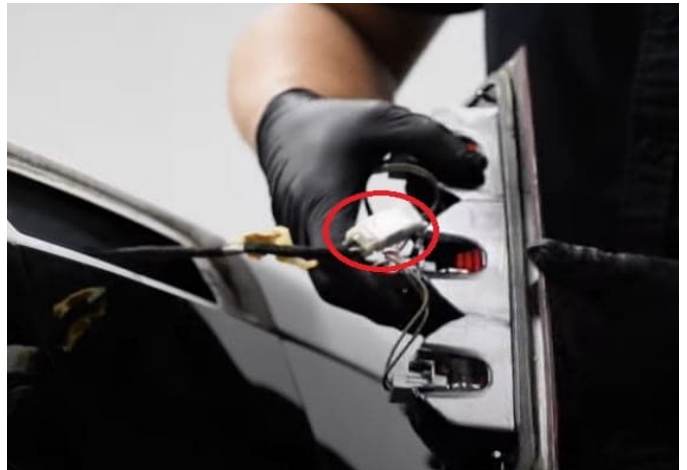
Time Investment: 2-3 hours



Step 1: Start by removing your factory third brake light. There are two philips screws, one per side. Remove them the use pry tool to free factory third brake light.



Step 2: Disconnect the factory third brake light then place factory third brake light off to the side.

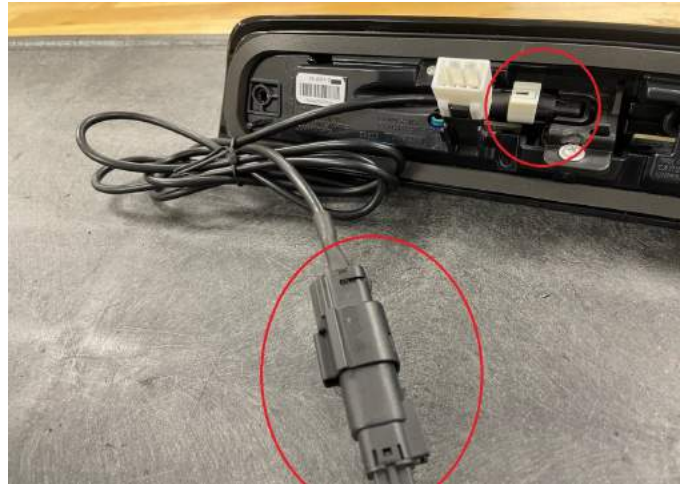


Step 3: Plug in the factory third brake light wiring into the new cargo camera fixture.



Step 4: From here, you can connect the Factory Camera Upgrade Loom to the cargo camera. Then plug in the 6 pin black connector into the rest of the harness.

Note: The vehicle has different connections for the middle of the Factory Camera Upgrade Loom. We have since upgraded the harness since the video was shot.



Step 5: Next move to the driver side of the vehicle. Open the back door and pull the weather lining down.



Step 6: Pull the headliner down a just enough to get your long zip tie in over the side air bags toward the third brake light opening. You can either do it from this side or put long zip tie in going from the third brake light opening to the passenger door.

Note: Make sure you are above the side air bag pouch.



Step 7: Tape the Factory Camera Upgrade Loom to the end of the zip tie and pull the Factory Camera Upgrade Loom through and above the headliner.



Step 8: With the loom pulled through, you can install the new third brake light using the same two screws.

Note: Always a good idea to clean the third brake light opening from any built up dirt to help avoid any rust from forming over time as the dirt rubs the paint away.



Step 9: Feed the loom above the headliner going toward the front of the vehicle. Put Weather stripping back into place once loom is above the headliner.



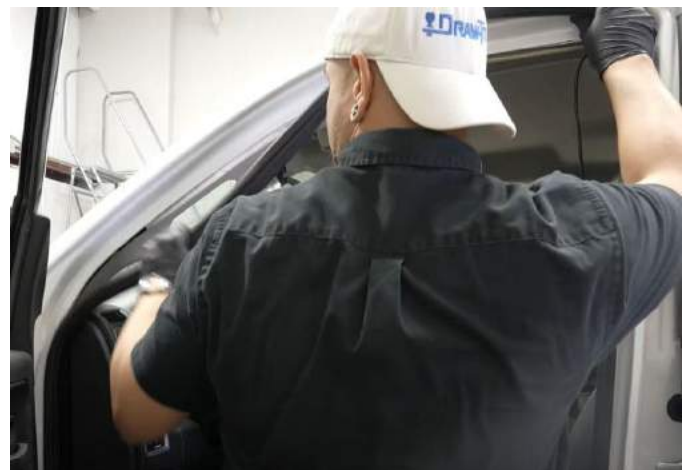
Step 10: Route the loom inside the cab.



Step 11: Route the loom around and behind the pillar behind the driver seat.



Step 12: Next is to pull down the driver door's weather stripping.



Step 13: Route the loom above the headliner and above the side air bag pouch.



Step 14: Route the loom down to the dash.



Step 15: Using your pry tool, pop the dash trim panel open.



Step 16: Now we need to route the loom into the dash. Using the long zip tie again, route it down into the dash till you end of in the foot well of the driver's seat.



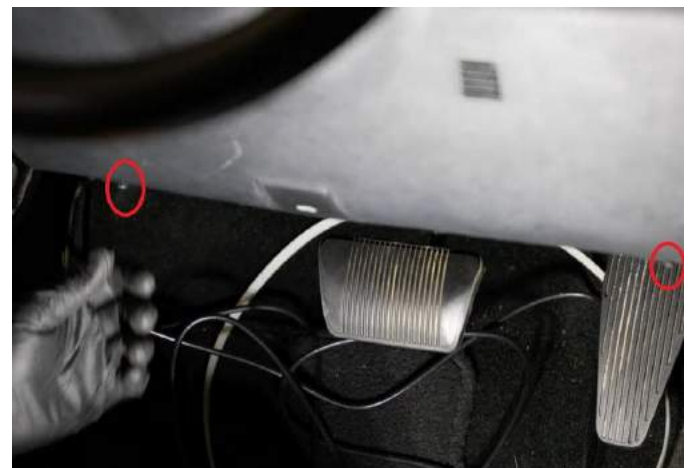
Step 17: Zip tie the loom to the factory wiring on the side of the dash then replace the dash panel.

Note: Make sure you don't pinch the loom.

Note: Some times you need to move weather stripping out of the way to get panel to snap in.



Step 18: Next we need to remove the knee bolster. There are two 7mm screws and retainer clips holding it in place. Remove the two screws then pull knee bolster down, it can hang out of the way. No need to fully remove.



Step 19: With the knee bolster out of the way, you can zip tie the loom to the factory wiring going over to the radio.

Note: Make sure the wiring clears the brake and gas pedal.



Step 20: Next we need to get behind the radio. Start by removing rubber mat to expose the two 7mm screws.

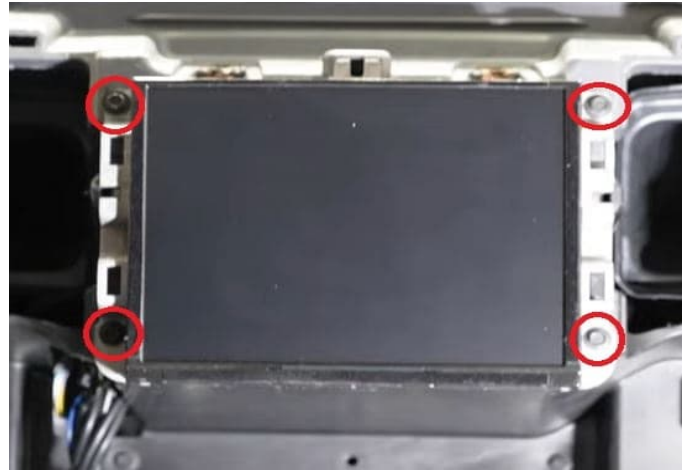


Step 21: The rest of the bezel is only held in with retainer clips. With a firm pull or use your pry tools to get the bezel to release from dash.

Note: Either disconnect the connections from the bezel and place to the side or carefully lean the bezel forward to give you room to work.

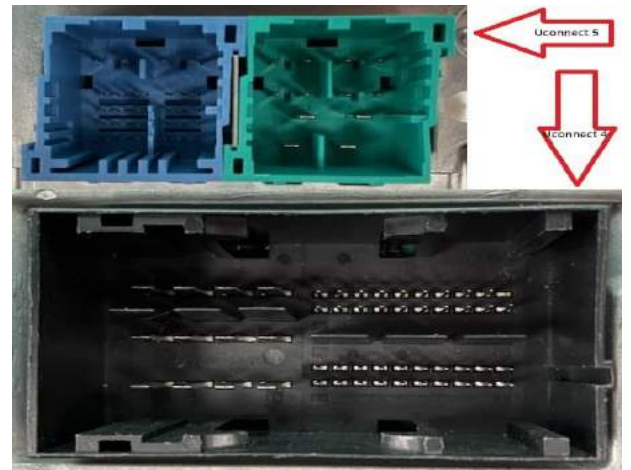


Step 22: You can now remove the four 7mm screws to release radio from the dash.

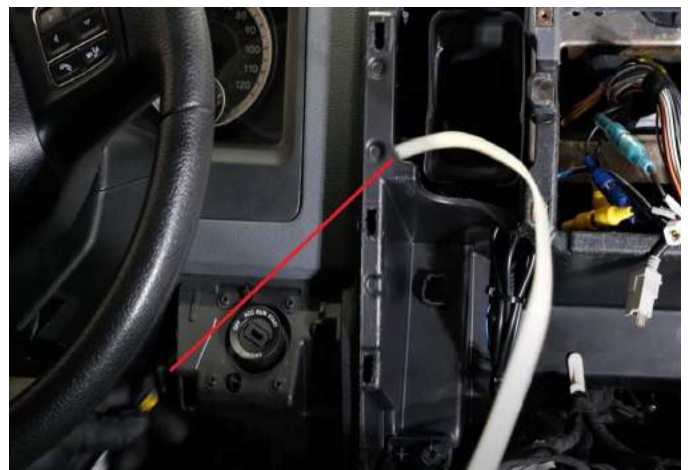


Step 23: Either you will have an Uconnect 4 with a black 52 pin connector or you have an Uconnect 5 with a 32 pin blue and 8 pin green connectors at the rear of the radio. With both radio types, disconnect the connections and place radio off to the side.

Note: Take a picture of the radio connections for your reference.



Step 24: Now with the radio removed, you can continue to route the loom up into the radio cavity,



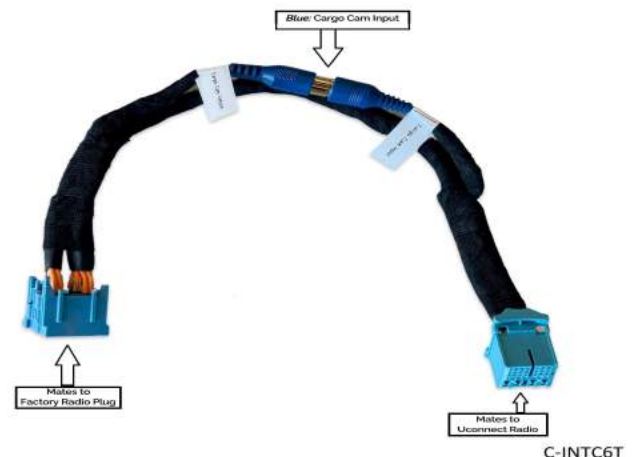
Step 25: Now you have the loom routed to behind the radio, zip tie any slack out of the way.



Step 26: For Uconnect 4 radios, We include our C-INTC4T harness to go between the radio and the factory wiring. Once the C4T is installed, you'll cut the protective plastic from the RCAs labeled for cargo camera. Typically this is a blue RCA, plug in the male RCA from the loom into the female blue RCA on the C4T harness.



Step 27: For Uconnect 5 radios. We have a pass through for this kit called the C-INTC6T. This plugs into the blue plug on the back of the Uconnect 5 radio. Factory wiring plugs into other end. The RCA for cargo camera then plugs into the RCA from the C-INTC6T.



Step 28: The blue wire isn't used for Cargo camera installations so it can be ignored.



Step 29: Last connection is the power connection. We include our EZDC harness to tap power and ground from the 12 volt outlet. Unplug your 12 volt outlet and put our EZDC in between.

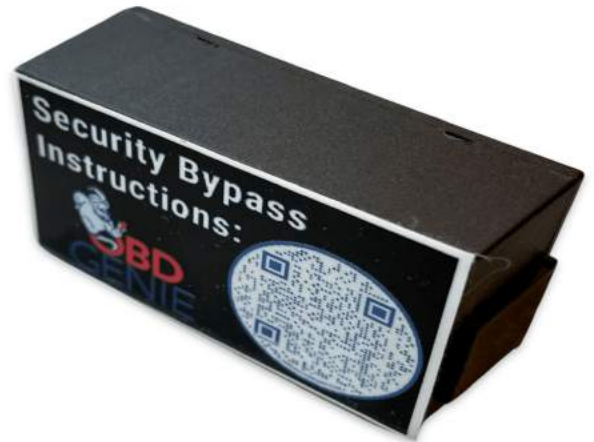


Step 30: Plug in the male power barrel connector from EZDC into the loom's power barrel connector.

Note: Take your time to zip tie any loose wiring out of the way so when installing the radio and bezel you don't pinch any wiring. You can now reinstall the radio then reinstall the dash bezel.



Step 31: Install the Security Gateway Module Bypass in the appropriate place. Then proceed with genie programming. This step is only needed for 2018+ vehicles. To find your vehicle's bypass location click the link: [OBD Genie Bypass](#)



Step 32: Use the genie to program the vehicle for the new upgrade.

I. Put vehicle into the run position.

II. Wait 1 minute after putting the vehicle into run to plug in the genie programmer.

III. The genie once plugged in will flash blue as it tries to program.

IV. The genie will turn a solid green light once programming was completed successfully, programming can take 1-3 minutes long.

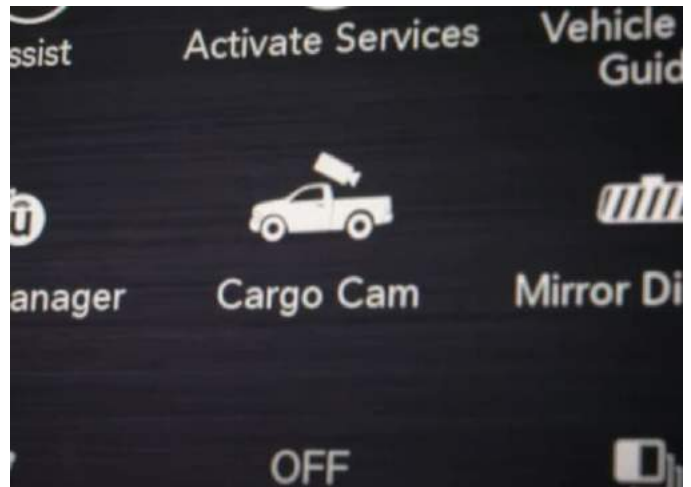
V. Remove the genie and give the vehicle a sleep cycle.

VI. Test out your new upgrade.

VII. Enjoy!



Step 33: Once the vehicle is programmed you should see new options in the radio for the Cargo Cam.



Step 34: You can either go into apps and click on Cargo Cam to see the image or go into reverse then select the Cargo Camera option in the upper left of the screen.



Step 35: Enjoy your purchase and again thank you for choosing Infotainment.com for your upgrades.



Return Policy/Warranty Terms

Infotainment.com 30-Day Return Policy:

Infotainment.com offers hassle free returns within 30 days from the date-of-delivery for a full refund unless otherwise stated on the product advertisement (such as a custom or special order item). The customer may choose to cancel their order prior to shipping or fulfillment without penalty. If the customer's order or package sustained physical damage it must be reported to Infotainment.com within 7 days of arrival. A 15% restock fee will apply to all returns unless the returned item(s) have been deemed defective by Infotainment.com after full inspection, in this case a restocking fee will not be assessed.

To initiate a return, the customer is required to contact the customer service department by phone, live chat, or via the online ticket system at anytime within 30 days from the date-of-delivery. The representative will issue a Return Merchandise Authorization (RMA) number, which is required to process your return. A copy of a completed RMA form must be included with the return shipment to expedite the process. The return must be shipped within 7 days of the RMA issuance. Infotainment.com reserves the right to refuse any package returned to them without authorization or process could be delayed over 30 days.

Customers are responsible for all return shipping charges unless they receive the wrong product or a defective item. It is recommended that the customer utilizes signature confirmation and/or insurance when shipping an item to Infotainment.com.

Infotainment.com will not be responsible for lost or damaged packages. Only the signature of an Infotainment.com employee will suffice as proof of delivery. A pre-paid return shipping label may be requested by the customer (located within the continental U.S) at the cost of \$15.00 to be deducted from the total refund amount. Customers located outside the United States will be responsible for all incurred shipping charges and customs duty/tax fees to or from Infotainment.com.

Returns will be processed within ten (10) business days of receipt (not including weekends, holidays, and the day the package is delivered). Refunds will be issued back to the original form of payment. If the original form of payment is no longer valid the refund will be issued as store credit. Infotainment.com reserves the right to reject or impose additional charges for replacement of a return if there is damage, missing



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Infotainment.com offers hassle free technical support and warranty claims on all products within 90 days from the date-of-delivery. Physical damage to an item received must be reported within 7 days of arrival.

To initiate a warranty claim, the customer is required to contact the customer service department by phone, live chat, or via the online ticket system at anytime within 90 days from the date-of-delivery. The representative will assist the customer with technical support and step-by-step troubleshooting procedures to resolve any issue or concern. If it is determined that the product(s) must be sent back for repair or exchange the representative will issue a Return Merchandise Authorization (RMA) number, which is required to process the warranty claim. A copy of a completed RMA form must be included with the return shipment to expedite the process. The item(s) must be shipped within 7 days of the RMA issuance. Infotainment.com reserves the right to refuse any package returned to them without authorization or process could be delayed over 30 days.

A pre-paid return shipping label will be issued by the customer service representative for customers located within the continental U.S. only. Customers located outside the U.S. will be responsible for all incurred shipping charges and customs duty/tax fees to or from Infotainment.com. Customers are fully responsible to ensure the item(s) are packaged securely to prevent damage in shipping transit. Infotainment.com will not be responsible for damaged item(s) due to poor packaging.

Warranty claims will be processed within five (5) business days of receipt (not including weekends, holidays, and the day the package is delivered). An Infotainment.com technician reserves the right to determine whether the troubled product requires a simple repair or a full replacement. Once the issue is resolved, a tracking number will be immediately provided to the customer when the repaired or replacement item is shipped



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therefore ending the warranty claim. Infotainment.com reserves the right to reject or impose additional charges for warranty claims if there is damage, missing components, excessive use/wear, a different serial number from when originally shipped, etc. Infotainment.com will allow up to two (2) claims per order before it is determined the item(s) will not work in the customer's vehicle. If the customer's warranty claim has not been processed within 3 weeks of arrival the customer is advised to contact the customer service department for an update.

This warranty policy is null & void if product(s) have been tampered with or modified. Infotainment.com is not responsible for professional fees related to installation, removal or re-installation of any product. Infotainment.com reserves the right to change or amend the warranty policy and procedures at any time without notification.

Infotainment.com Extended 1-Year Warranty Policy:

Infotainment.com offers hassle free technical support and warranty claims on all products within 1 year from the date-of-delivery to retail customers who opt for the extended warranty coverage upon checkout. This policy also applies to all registered Infotainment.com wholesale accounts. Furthermore, franchise automobile dealers are granted additional coverage for their customers to match the vehicle's 3 year / 36,000 mile bumper-to-bumper manufacturer's warranty.

To initiate a warranty claim, the customer is required to contact the customer service department by phone, live chat, or via the online ticket system at anytime within 1 year from the date-of-delivery. The representative will assist the customer with technical support and step-by-step troubleshooting procedures to resolve any issue or concern. If it is determined that the product(s) must be sent back for repair or exchange the representative will issue a Return Merchandise Authorization (RMA) number, which is required to process the warranty claim. A copy of a completed RMA form must be included with the return shipment to expedite the process. The item(s) must be shipped within 7 days of the RMA issuance. Infotainment.com reserves the right to refuse any package returned to them without authorization or process could be delayed over 30 days.

A pre-paid return shipping label will be issued by the customer service representative for customers located within the continental U.S. only. Customers located outside the U.S. will be responsible for all incurred shipping charges and customs duty/tax fees to or from Infotainment.com. Customers are fully responsible to ensure the item(s) are



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packaged securely to prevent damage in shipping transit. Infotainment.com will not be responsible for damaged item(s) due to poor packaging.

Warranty claims will be processed within five (5) business days of receipt (not including weekends, holidays, and the day the package is delivered). An Infotainment.com technician reserves the right to determine whether the troubled product requires a simple repair or a full replacement. Once the issue is resolved, a tracking number will be immediately provided to the customer when the repaired or replacement item is shipped therefore ending the warranty claim. Infotainment.com reserves the right to reject or impose additional charges for warranty claims if there is damage, missing components, excessive use/wear, a different serial number from when originally shipped, etc. Infotainment.com will allow up to two (2) claims per order before it is determined the item(s) will not work in the customer's vehicle. If the customer's warranty claim has not been processed within 3 weeks of arrival the customer is advised to contact the customer service department for an update.

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