

**Install guide for (2019-2024 Ram 1500 Truck Power-Folding with LED Blind Spot Monitoring BLIS Upgrade)**

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**

- Driver BSM Taillight
- Driver side taillight harness
- Passenger BSM Taillight
- Passenger side taillight harness
- Body harness
- Driver power folding mirror\*
- Passenger power folding mirror\*
- Driver door module\*
- Passenger door module\*
- Driver window/lock door controls\*
- Genie Programmer
- Security Gateway Module Bypass



\*(Only comes with BSM upgrade if you selected Power Folding Mirror Upgrade at time of purchase)

**Tools required for installation, socket sizes & whatnot.**

- Light Source
- Flathead Screwdriver
- 8mm Wrench/Socket
- T20 Torx Screwdriver
- Pry Tool

**Skill Level:** 2

**Time Investment:** 1-2 hours



**Step 1:** Open tailgate and proceed with removing the one plastic clip and the two T20 Torx bolts.



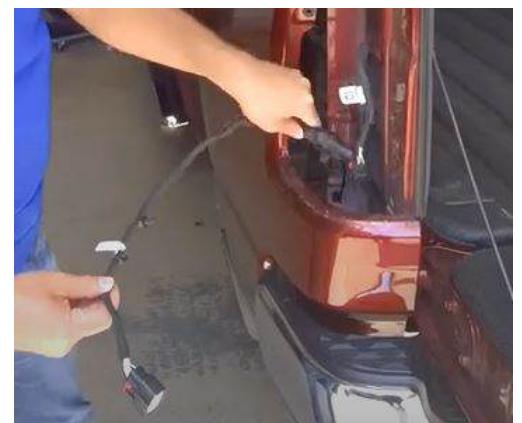
**Step 2:** Remove taillight and disconnect the factory taillight harness from the factory taillight. Place Factory taillight off to the side.

Note: There is a small locking tab on the connector. Push it in to lock and pull out to unlock.

Note: You can remove the factory taillight harness if you desire.



**Step 3:** Take the taillight harness and route it down toward the bumper.



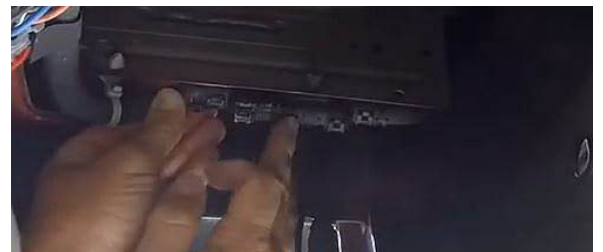
**Step 4:** Take your new LED BSM taillight and connect it to the taillight harness.



**Step 5:** You can then mount the new taillights. Reconnect the plastic clip and the two T20 Torx bolts.



**Step 6:** Under the rear of the vehicle. You'll find the factory taillight harness and the new taillight harness hanging down. Disconnect the factory taillight harness and either remove it or zip tie it out of the way.



Note: There is a white tab that needs to be pushed to lock or unlock the connector.



**Step 7:** Connect the new taillight harness to the factory body harness.

Note: There is a white tab that needs to be pushed to lock or unlock the connector.



**Step 8:** Route the two small connectors from the taillight harness to the driver side and connect the two connectors to the body harness.

Note: Zip tie the body harness up along the vehicle frame.



**Step 9:** Run the body harness along the frame till you get to the driver wheel well.



**Step 10:** Route the body harness through the emergency brake line grommet.

Note: Use a small knife/blade to make a small cut on the grommet so you can route the body harness through the grommet.



**Step 11:** Inside the vehicle. You'll find the body harness you fed through the grommet.



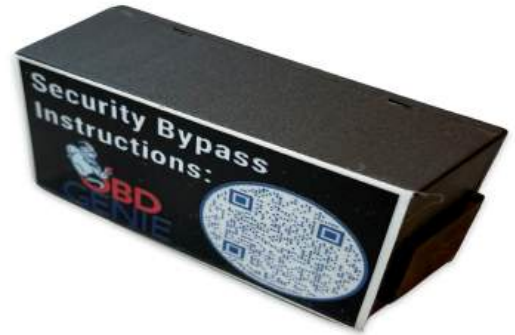
**Step 12:** Remove the trim. Trim pieces are only held in with retaining clips. Pull up and back.



**Step 13:** Take the body harness and connect it to one of the star connectors to the left under the steering wheel.



**Step 14:** 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 15:** Use the genie to program the vehicle for the new BSM 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!



\*If you ordered Power Folding Mirrors with the BSM upgrade then follow the guide below for mirror install.

**Part lists**

- Driver power folding mirror\*
- Passenger power folding mirror\*
- Driver door module\*
- Passenger door module\*
- Driver window/lock door controls\*



**Tools required for installation, socket sizes & whatnot.**

- Light Source
- Flathead Screwdriver
- 10mm Wrench/Socket
- 6mm Wrench/Socket
- Pry Tool

**Step 1:** We will start with driver door. Remove the two panel covers that are hiding three 10mm bolts. Remove the three 10mm bolts and place them to the side.



**Step 2:** Remove factory door controls using a pry tool, then disconnect the one connector from the controls and place to the side.



**Step 3:** The rest of the door panel is only held in by retainer clips. You can pull the panel off but be careful as the handle is still attached from the rear of the panel and the lock is sticking up through the door panel.



**Step 4:** With the door panel removed you can replace the factory door module with the new power folding door module. You'll need your 6mm socket to remove and replace module.

Note: Take a picture for your records of how to connect the factory door module.

Note: Door modules are marked with L or R for the side of the vehicle they are to be installed on. L for left/driver and R for right/passenger.



**Step 5:** With new module installed. Follow the factory wiring for the factory mirror up. Disconnect the retainer clips holding the wire in place.



**Step 6:** Remove the black trim with a pry tool.

Note: You can let the trim hang as it doesn't need to be fully removed to get to mirror bolts.



**Step 7:** Remove the four 10mm bolts holding the factory mirror in place.

Note: once three bolts are removed, remember to hold on to the factory mirror while removing the fourth bolt as you don't want to drop your factory mirror and damage it.



**Step 8:** Feed the wiring for the new power folding mirror through the hole where the factory mirror wiring ran through.



**Step 9:** Use the four bolts to mount the new mirror securely in place.



**Step 10:** Use the plastic clips to route the new mirror harness down to the door module.



**Step 11:** Reconnect factory harness and new mirror harness to the new door module.



**Step 12:** Reassemble upper door trim and attach door panel.

Note: Make sure to connect handle cable, route door controller harness through the hold for the controls and to route lock correctly.



**Step 13:** Once the door panel is attached, put the three bolts into place and replace the panel covers.



**Step 14:** Connect the new door controls for the power folding mirror.



**Step 15:** Repeat process on passenger side, minus the door controller.

**Step 16:** Enjoy your upgrade!!



**Step 17:** 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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components, excessive use/wear, a different serial number from when originally shipped, etc. If the customer's return has not been processed within 3 weeks of arrival the customer is advised to contact the customer service department for an update. This return 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 return policy and procedures at any time without notification.

**Infotainment.com Retail 90-Day Warranty Policy:**

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.

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