

Install guide for (2019-2022 Ram HD BlindSpot Monitoring)

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.

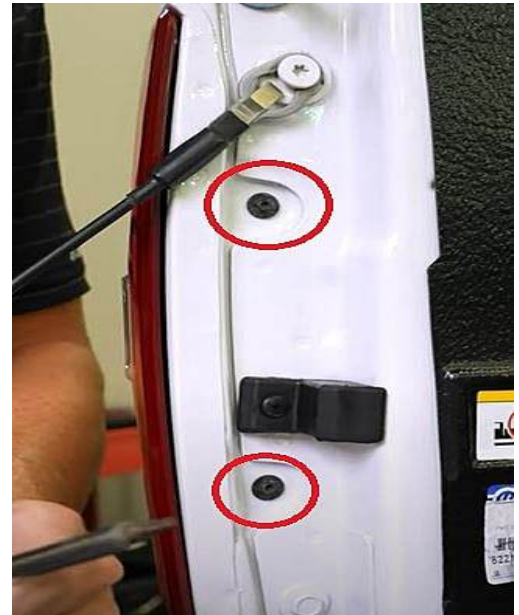
- Light Source
- Pry Tool
- Flathead Screwdriver
- T25 Torx Screwdriver
- 8mm Wrench/Socket
- 10mm Wrench/Socket
- 15mm Wrench/Socket

Skill Level: 2

Time Investment: 1-2 hours



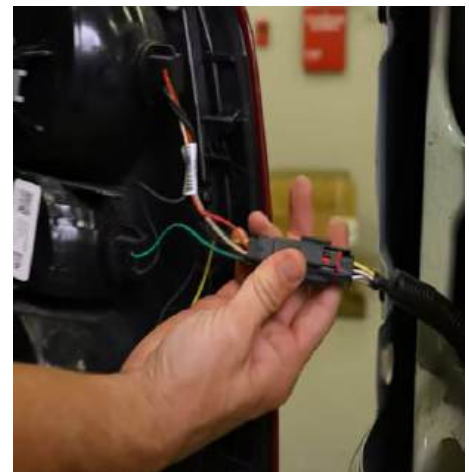
Step 1: Open tailgate and proceed with removing the two T25 Torx bolts.



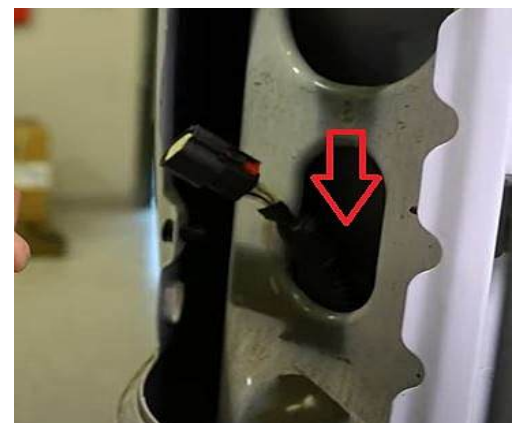
Step 2: Remove taillight and disconnect the factory taillight harness from the factory taillight. Place Factory taillight off to the side.

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.



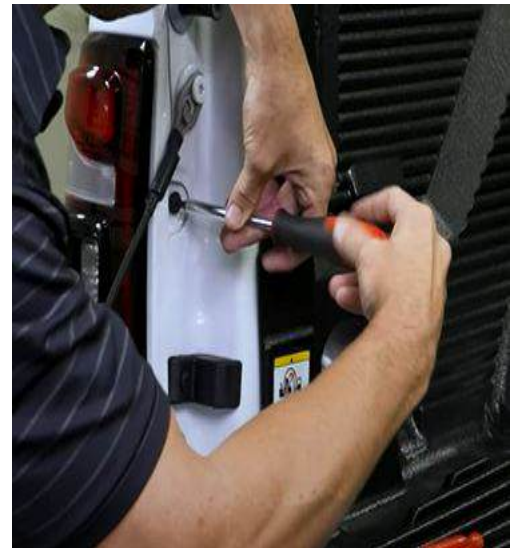
Step 3: Take the taillight harness and route it down toward the bumper.



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 two T25 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: Use the pry tool to release clip holding factory wiring in place.



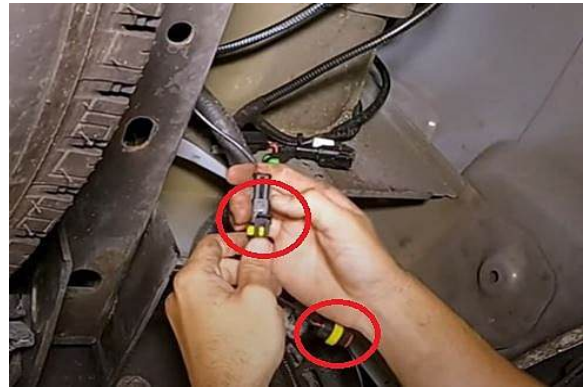
Step 7: Connect the new taillight harness to the factory body harness.

Note: The harnesses are labeled for driver and passenger side, make sure to use the correct harness. The passenger side has longer wire on the smaller 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: Remove the two splash guards from the fender wells so you can route the new body harness to the cab of the vehicle. Five 8mm bolts for the rear and ten 8mm bolts, one 10mm bolt, and two plastic clips for the front.



Step 10: Run the body harness along the frame till you get to the driver wheel well.



Step 11: Route the body harness through the small black plate on the fire wall. There are two bolts on the inside of the cap, once removed you can remove plate and drill a hole in it for the body harness to route into the cab.



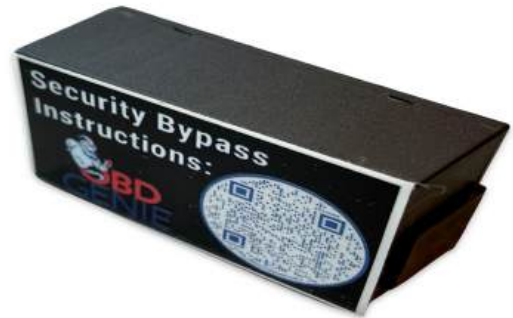
Step 12: Inside the vehicle. You'll find the body harness you fed through the small black plate. You'll also see the two 15mm bolts/nuts holding the black plate in place.



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



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*



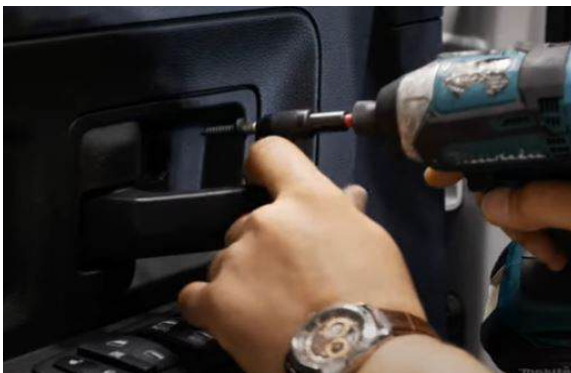
Tools required for installation, socket sizes & whatnot.

- Light Source
- Pry Tool
- Flathead Screwdriver
- Philip Screwdriver
- T20 Torx Screwdriver
- 10mm Wrench/Socket
- Rivet nut setting Tool (optional)

Step 1: Remove mirror trim, it is only held in with retainer clips.



Step 2: Remove door handle panel trim, there is one Philip screw holding the trim in place.



Step 3: Remove factory door controls, use pry tool to lift it out and disconnect it. Put it off to the side.



Step 4: We will start with driver door. Remove the plastic retaining clips. Use Flathead screwdriver to pull out center then remove clip entirely. Place off to the side.

Note: Put window down as it makes it easier to remove and attach mirrors.



Step 5: Remove factory door controls using a pry tool, then disconnect the one connector from the controls and place to the side.



Step 6: The rest of the door panel is only held in by retainer clips. You can pull and lift the door panel off and set it to the side, carefully not to damage it.



Step 7: With the door panel removed you can replace the factory door module with the new power folding door module. You'll need T25 Torx Screwdriver to remove and replace module.



Note: Swap the foam mat on to the new door module.

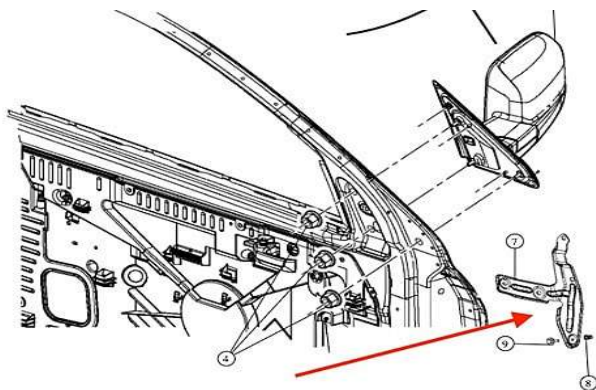
Note: Door modules are marked with L or R for the side of the vehicle they are to be installed on. L for left/driver and R for right/passenger.

Step 8: Remove the three 10mm bolts holding the factory mirror in place.

Note: Once two 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.



Note: If you are upgrading from a standard 6x9 mirror to the tow 7x11 mirror, and would like Tow Mirror reinforcements, see the diagrams below:

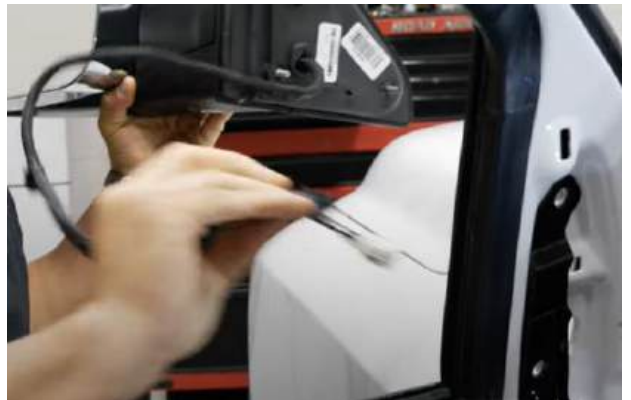


7	BRACKET,Trailer Tow Mirror Reinforcement		
	Right,[LEG]	68078242AA	1
	Left,[LEG]	68078243AA	1
8	NUT,Rivet,M6X1.00		
	[LEG]	06507161AA	3
9	SCREW,Hex Head,M6x1x25		
		06508709AA	12

Step 9: (Optional) To install the Tow Mirror reinforcement, you'll need a Rivet nut setting tool. Rivet the three mounting points into place, then mount the tow mirror reinforcement using three 10mm bolts into the three new spots you riveted.



Step 10: Feed the wiring for the new power folding mirror through the hole where the factory mirror wiring ran through.



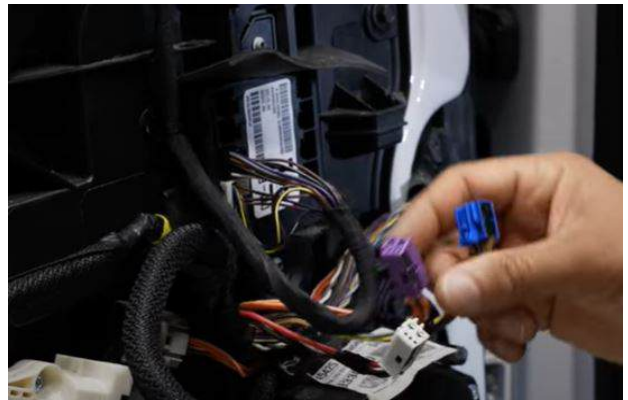
Step 11: Use the three 10mm bolts to mount the new mirror securely in place.



Step 12: Use the plastic clips to route the new mirror harness down to the door module.



Step 13: Reconnect factory harness and new mirror harness to the new door module.



Step 14: Reassemble upper door trim and attach door panel.

Note: Make sure to route door controller harness through the hole for the controls and to route lock correctly.



Step 15: Once the door panel is attached, put plastic retaining clips back in and connect new door controls.



Step 16: Reattach door handle panel trim, there is one Philip screw to screw in to hold the panel in place.



Step 17: Reattach mirror trim, it clips back into place.



Step 18: Repeat process on passenger side, minus the door controller.

Step 19: Test the fold on both mirrors. If all is good then your done.



Step 20: 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.

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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