

Install guide for (2019-2024 Ram 1500 Factory OEM Mopar Passive Keyless Entry 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 Side PSE Harness
- Passenger Side PSE Harness
- Genie Programmer
- Security Gateway Module Bypass



Tools required for installation, socket sizes & whatnot.

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

Skill Level: 2

Time Investment: 1-2 hour



Step 1: Starting on the passenger side of the vehicle, open the door and remove the cover so we can remove the factory handle. Use a plastic pry tool not to damage the paint.



Step 2: There is a T25 screw holding the handle end cap in place. The hold is quite small, so you may need a slider tool to get into the space.



Step 3: You can now wiggle the handle end cap off. This will not be reused with the PSE handle. Make sure not to mix them up with the handle you purchased separately.



Step 4: To remove the passenger handle, grab the handle and pull it toward the rear of the vehicle to unlock.



Step 5: With the handle unlocked, you can pull it out at an angle. We will not be using the factory handle; place it off to the side.



Step 6: On the inside of the door handle, use a pick to remove the plastic cover behind the handle.



Step 7: Remove the plastic cover from the door's storage compartment.



Step 8: You'll see two 10mm screws above the door's storage compartment; remove both screws.



Step 9: You'll also see one 10mm screw behind the interior handle; remove this screw as well.



Step 10: The door interior panel is now only held in with retainer clips and a few connections. From the bottom left, get your fingers under the panel and pull outward to release the plastic retainer clips.



Step 11: With the door panel almost free, lift up to release the door lock; it can take a little pull to allow it to come free.



Step 12: Next, you need to remove the linkage for the door handle, squeeze to release the plastic clip then rotate the cable to free it from the door.



Step 13: Lastly, disconnect the window/lock control connector. Push down on the top tab to release the connector.



Step 14: Tape the PSE harness to a long zip tie or something to help feed the harness through the door cavity.



Step 15: From the exterior of the vehicle, feed the zip tie through the handle cap opening. Try to keep the zip tie against the outer door frame.



Step 16: Pop open the large rubber grommet and feed the zip tie through to this opening. Pull the PSE harness through.



Step 17: Take a moment and look inside the hole the grommet was covering; you'll see a metal zip tie point we will use in a few steps.



Step 18: Take your PSE handle and plug it into the PSE harness.



Step 19: Hook the front end of the PSE handle into the door frame.



Step 20: At an angle push down the PSE handle.



Step 21: Lock the handle into place by pulling it toward the front of the vehicle.



Step 22: Now we need the window/lock controls to test our PSE harness will not interfere with the window's up and down operation.



Step 23: Plug in the window/lock controls into the green connector.



Step 24: While holding the PSE harness tight with one hand, operate the window going up and down. If you feel the harness snag the window then the PSE harness is ran on the wrong side of the window. You'll have to try again. If there is no snagging of the PSE then proceed to next step.



Step 25: Zip tie the PSE harness on to the metal zip tie point from step 17.



Step 26: Next we need to run the PSE harness into the door's wiring connector. Start by removing the rubber wire sleeve from the door.



Step 27: Using your pry tool, pop the top and bottom tabs holding the door's wire sleeve to the vehicle's frame.



Step 28: Once the sleeve with its connector is free, pull it out enough to work on.



Step 29: Run the zip tie with the PSE harness taped to it into the door and down to the rubber sleeve's location.



Step 30: Feed the zip tie with the PSE harness through the wiring sleeve.

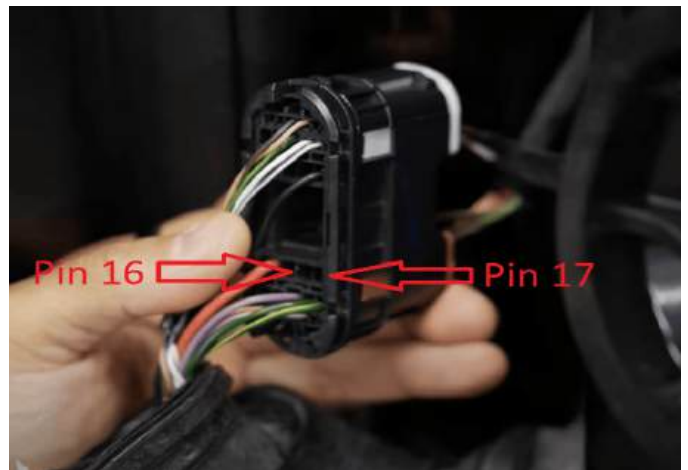


Step 31: Get the two pins from the PSE harness out enough to connect to the door connector.



Step 32: Locate Pin openings 16 & 17 in the door connector.

Pin 17 = Return (Black wire)
Pin 16 = Sense (Orange wire)



Step 33: Push the pins into the correct place; you'll hear a click once they lock into place. You may need a pick or some type of plunger to push the pins into place.



Step 34: Reinstall the wire sleeve back into the door and vehicle frame.



Step 35: Zip tie any extra wiring, then put it into the large grommet opening.



Step 36: Reinstall the large grommet into the door frame.



Step 37: Reinstall the door panel, reinstall the handle cable, and snap the plastic clip back into place.



Step 38: We removed the door controls, so make sure to feed the door controls through the opening in the panel.



Step 39: Slide the locking rod into the panel and snap it in place.



Step 40: Push the door panel into place, you'll hear the retainer clips snap into place.



Step 41: Reinstall the two 7mm screws from above the door's storage compartment.



Step 42: Reinstall the one 7mm screw behind the door's interior handle.



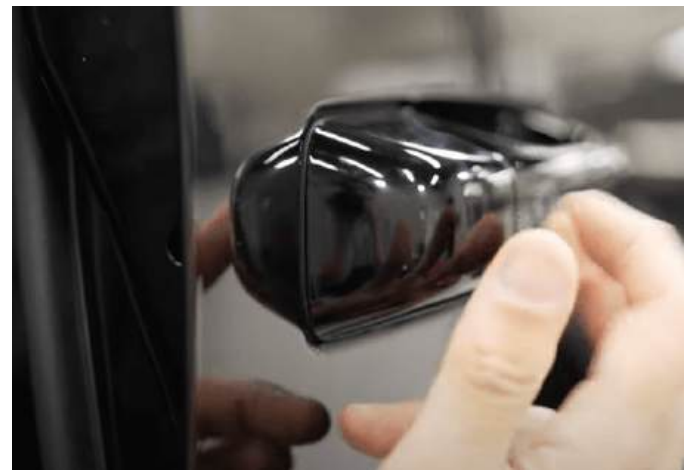
Step 43: Reconnect the door's window/lock controls and snap them into place.



Step 44: Reinstall the door panel's two plastic screw covers.



Step 45: Slide the passenger handles end cap into place. Make sure to use the new end cap as there is a magnet inside of it which is important for PSE to work.



Step 46: Reinstall the T25 screw to hold the handle's end cap in place.



Step 47: Reinstall the screw cover for the handle's end cap.



Step 48: Moving over to the driver's door. Remove the cap for the driver's end cap.



Step 49: Remove the one T25 screw holding the factory handle end cap in place.



Step 50: Pull the factory end cap out.



Step 51: Apply some pressure to release the handle's end cap lock.



Step 52: Looking into the new driver's side handle cap, you'll see the magnet inside of it that is needed for PSE to work.



Step 53: Snap you lock into the PSE handle end cap. Should snap right in place and stay inside the cap.



Step 54: Slide the factory handle toward the rear of the vehicle to unlock it.



Step 55: Lift up on the factory handle to release it at an angle.



Step 56: Remove the screw covers from the interior door handle and above the door's storage compartment.



Step 57: Remove the one 7mm screw from behind the interior handle and the two 7mm screws from above the door's storage compartment.



Step 58: With a firm pull, you can release the interior door panel from the door frame.



Step 59: Slide the door's lock out of the door's panel.



Step 60: Disconnect the plastic clips and handle's cable from the door panel.



Step 61: Pop out the large grommet from the door.



Step 62: Tape the PSE harness to a long zip tie.



Step 63: From outside the vehicle feed the zip tie with the PSE harness attached to it between the window and door frame.



Step 64: Feed the zip tie through to the large grommet, pull the harness through.



Step 65: Plug in the PSE handle you purchased separately into the PSE harness.



Step 66: Hook the PSE handle into the driver's door.



Step 67: Push the handle into place and pull it toward the front of the vehicle to lock it in place.



Step 68: Grab your driver door's window/lock controls, plug them in and while holding the PSE harness test the window operation. If the PSE harness gets caught on the window you will need to try again to run the PSE harness. If it's good, then move on to the next step.



Step 69: Zip tie the harness to the same metal zip tie point inside the door.



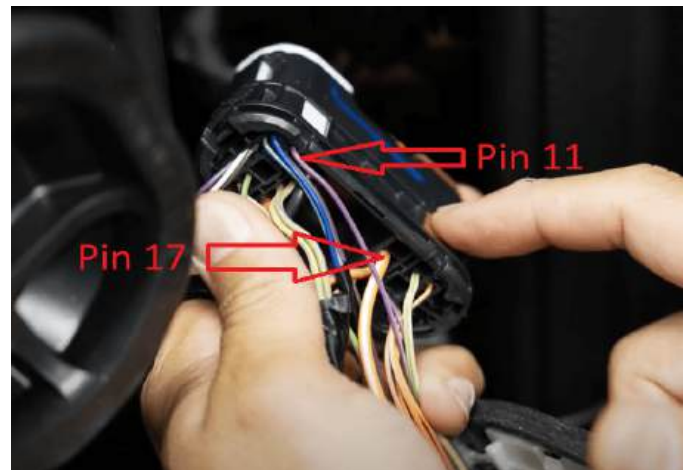
Step 70: Pull out the door wiring sleeve the same way as the passenger side. Then feed the PSE harness through the sleeve.



Step 71: Locate Pin openings 11 & 17 in the door connector.

Pin 17 = Return (Black wire)

Pin 11 = Sense (Orange wire)



Step 72: Push the pins into the correct place; you'll hear a click once they lock into place. You may need a pick or some type of plunger to push the pins into place.



Step 73: Reinstall the driver door's wiring sleeve.



Step 74: Pull any extra of the PSE harness and zip tie it together. Put that bundle of wiring into the large grommet opening.



Step 75: Reinstall the large grommet into the door frame.



Step 76: Take note of any retainer clips that are on the door frame; they may be stuck in the door frame and need to be removed and installed into the door's panel.



Step 77: Reinstall the handle's cable and plastic clip into its place.



Step 78: Slide the driver's locking indicator through the door panel, then snap it into place.



Step 79: Push the door's panel into place; you'll hear the retainer clips snap into place.



Step 80: Reinstall the one 7mm screw behind the interior handle.



Step 81: Reinstall the two 7mm screws from above the door's storage compartment.



Step 82: Reinstall the screw covers behind the interior door handle and above the door's storage compartment.



Step 83: Reinstall the driver's door controls.



Step 84: Slide the driver's PSE handle end cap into place.



Step 85: Secure the driver's handle end cap in place with the T25 screw.



Step 86: Reinstall the door's handle end cap screw cover.



Step 87: 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 88: 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 89: Check the radio for the Passive Entry opening in settings.



Step 90: 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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