

Install guide for (2018-2024 Jeep Wrangler JL Factory OEM ParkSense Rear Park Assist)

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

- Mopar RPA Module (C-MODPARK-RR-18JL)
- 4 × Mopar RPA Sensors (C-SENSPARK-IN)
- RPA Sensor & Power Harness (C-INTRPKA-JL)
- 4 × Sticker for RPA Sensors (X-STICKER-SENSOR)
- RPA Push Pin Retainer Clip (C-CLIP)
- Genie Programmer (C-XAA)
- Security Gateway Module Bypass (C-MODBYP)



Tools required for installation, socket sizes & whatnot.

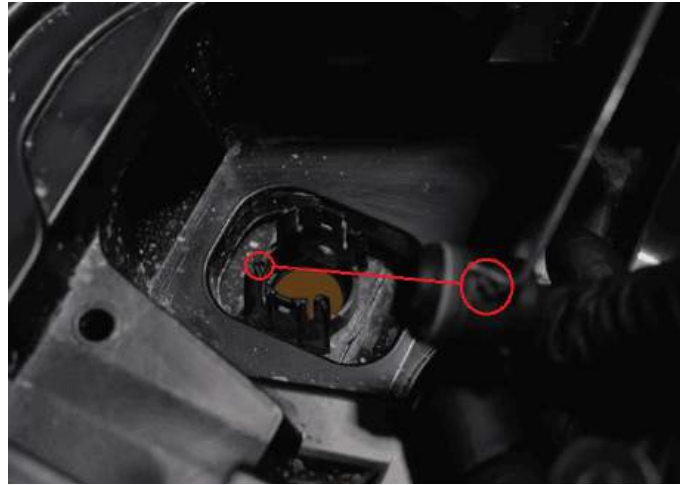
- Light Source
- Pry Tool
- Flathead Screwdriver
- T30 Torx Screwdriver
- 8mm, 10mm, 16mm Wrench/Socket

Skill Level: 3

Time Investment: 2-3 hours



Step 1: To start, we can install the four sensors into the bumper you acquired on your own. There is a small tab on each sensor so you can orient the sensor correctly. Install all four sensors.



Step 2: Once all four sensors are installed. Take the sensor part of the harness and plug each sensor in; the end of the harness with the plug needs to be on the passenger side. You will NOT have enough length if you run the sensor harness in the wrong direction.

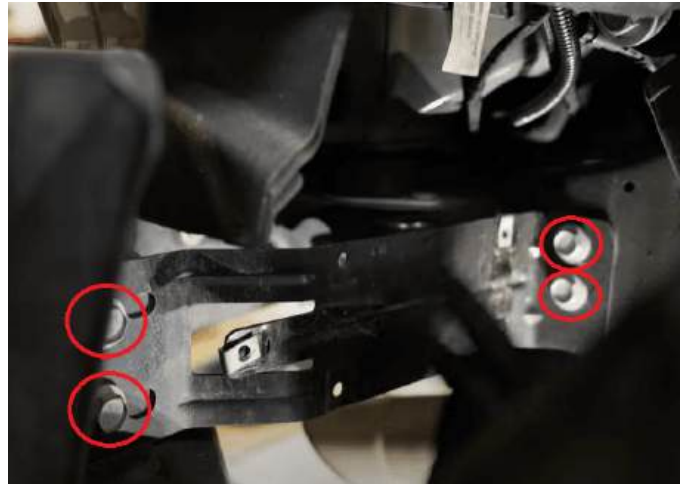


Note: Zip tie along the bumper for a neat and clean finish.

Step 3: To remove the factory bumper, between the rear wheel and bumper, there is a plate with three 8mm bolts to remove. It is hard to see, so we showed an example on the new bumper.



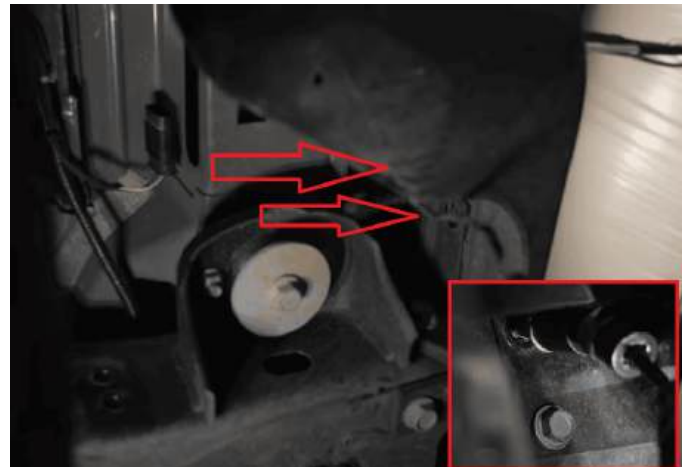
Step 4: Once the plate is removed, this will expose the four 16mm bolts. Remove all four.



Step 5: Disconnect the factory connection going to the license plate light. Pull the gray tab back to unlock then pull the connector apart. There are xmas tree clips that should be pulled out to free the harness.



Step 6: There are four total, two per side, 16mm nuts that need to be removed. After which the bumper should be free.



Step 7: Open your swing gate then slide the factory bumper off. Remove the license plate and the license plate light.



Step 8: To remove the license plate light, there are two 10mm nuts to remove and few xmas tree clips for the light's wiring harness.



Step 9: Move the license plate light over to the new bumper and secure in place with the same two 10mm nuts.



Step 10: Slide the new bumper on to the Wrangler, close the lift gate to help the bumper stay in place.



Step 11: Reinstall the four 16mm nuts, two per side.



Step 12: Reconnect the license plate harness connector you transferred over to the new bumper.



Step 13: Reinstall the metal bracket on each side of the bumper with the four 16mm bolts. Do the same on the passenger side.



Step 14: Reinstall the plate with the three 8mm bolts on the driver's side.



Step 15: On the passenger side, before reinstalling the plate, run the sensor harness up over the bracket.



Step 16: On the passenger side, remove the plastic cover to expose a 10mm screw that is holding the taillight.



Step 17: Pull the taillight out, then disconnect it to place it off to the side.



Step 18: Feed the sensor harness up into the taillight cavity.



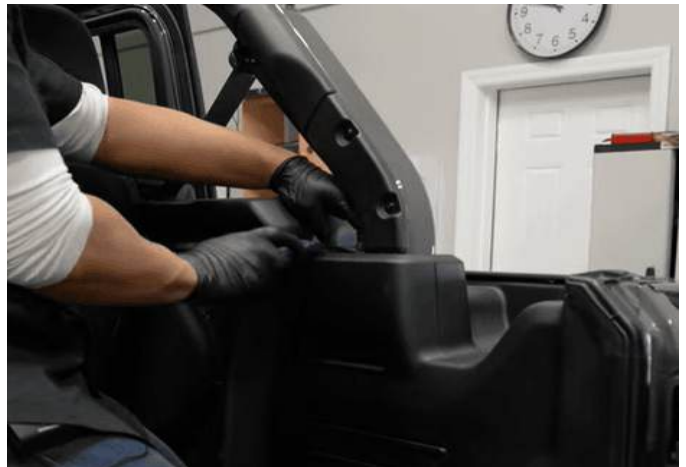
Step 19: Take the connector and plug it into the RPA Module, this plug goes into the center port. Each port is keyed differently, so you can't plug it into the wrong port.



Step 20: Use some double sided tape or zip ties to mount the RPA Module up in the taillight cavity. You can wait till you plug in the other connector till you mount the module.



Step 21: Using your pry tool, pop out the plastic trim piece around the seat belt.



Step 22: Using your pry tool, pop out the trim panel the seat belt goes into. It has many retainer clips.



Step 23: Right behind that panel is the next panel to pull out. It comes directly out. Place it off to the side.



Step 24: You'll now see the rubber grommet that we are going to feed our next harness through.



Step 25: Pop the rubber grommet out, cut a small hole to feed the plug side into the taillight cavity.



Step 26: The connector should end up like this in the taillight cavity. You can plug in the harness into the RPA Module then mount the module up into the taillight cavity. On RPA Module, you plug into the left connector with modules connectors facing down.



Step 27: Reinstall the rubber grommet. To make sure the grommet keeps water out, you can use some silicone grease to cover the hole.



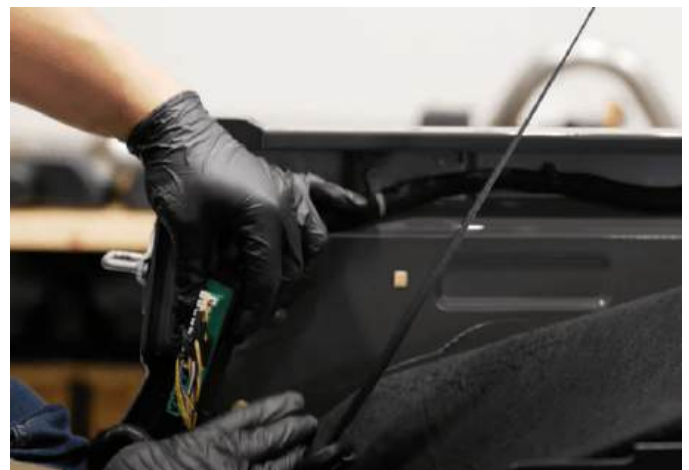
Step 28: You can now reinstall the taillight. Reconnect the taillight then slide it into place. Secure with the same 10mm bolt.



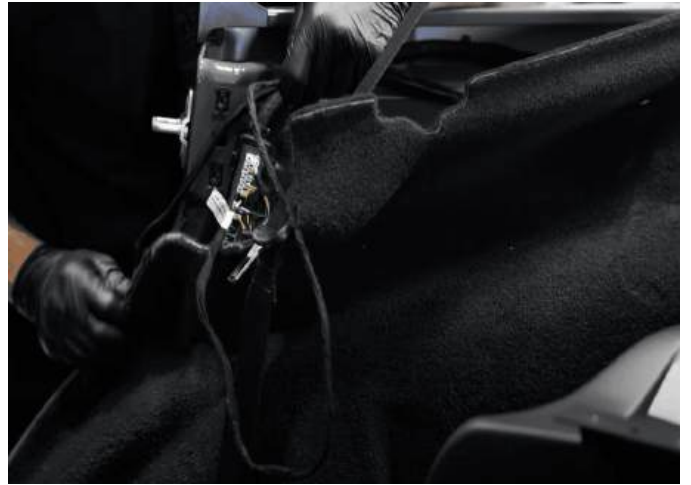
Step 29: Finally, reinstall the plate with the three 8mm bolts.



Step 30: If you have a sub, it will need to be moved out of the way. If not, then start by pulling the carpet down as we are looking for the Jeep's Star port connections. Should have a black cover over the green star connectors.



Step 31: Route the star connector down the passenger side to the green star ports. Plug the star port into one of the star ports; it does not matter which port you plug into.



Step 32: Zip tie our harness along the factory harnesses going along the passenger side.



Step 33: Reinstall the star port cover.



Step 34: Reinstall your carpet liner and your sub if you have one in the vehicle.



Step 35: In the rear, reinstall all the trim panels we had to remove to route our harness.

Note: Make sure all clips are push back on to the trim piece and not stuck in the frame of the vehicle.



Step 36: Lastly we need to power the upgrade by installing our EZDC pass through on to the 12volt outlet in the vehicle. Route the harness under the carpet and trim pieces going toward the front of the vehicle.



Step 37: Continue to route the harness under the trim panels going toward the front of the vehicle. You can use your pry tool to force the harness under the trim panel.



Step 38: Route the harness till this point on the passenger side of the vehicle.



Step 39: Pull the carpet back in the passenger foot well. Route the harness to the center dash.



Step 40: Let's get the center dash apart. Grab your pry tool and pop out the HVAC Controls. They are only held in with retainer clips.



Step 41: Flip the HVAC controls over and disconnect the controls and push to start button.



Step 42: You'll now see the one Philips screw to remove.



Step 43: Move the lower panel out of the way; it doesn't need to be fully removed. Off to the left.



Step 44: Disconnect the 12volt outlet; push down on the locking tab for the connector to release.



Step 45: Open the glove box and release the arm on the left side.



Step 46: Next push the plastic tab at the top of the glovebox back to release glovebox. The glovebox should now pull free.



Step 47: Feed the 12volt power passthrough up into the glovebox then over to behind the 12volt outlet.



Step 48: Reinstall the glovebox back into the dash.



Step 49: Connect the 12volt passthrough to the 12 volt outlet.



Step 50: Reinstall the lower panel. Secure with the Philips screw you removed earlier.



Step 51: Reinstall the climate controls; remember to plug in the climate controls and the push to start button.

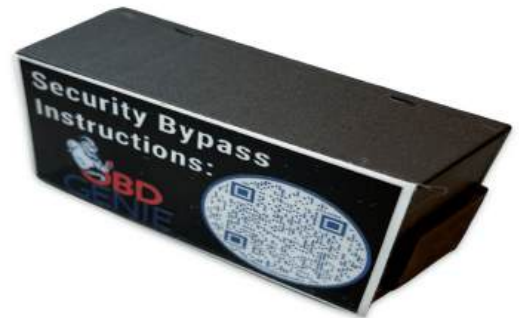


THINGS TO KNOW

- The volume at which the park assist feature chimes can be controlled through the factory radio settings menu. Low / Medium / High.
- A replacement rear bumper equipped with the four sensor holes is required for this upgrade. There are many to choose from online but a few examples would be the factory Mopar textured black bumper 6QE17RXFAC or aftermarket MP Concepts J138357-JL.



Step 52: 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 53: 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 54: Once the genie has programmed the vehicle. You'll find the options in the radio for ParkSense under Settings then Safety & Driving Assistance.



Step 55: 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



DISCOVER YOUR VEHICLE'S POTENTIAL

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



DISCOVER YOUR VEHICLE'S POTENTIAL

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



DISCOVER YOUR VEHICLE'S POTENTIAL

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.

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.