

Install guide for (2020-2024 Jeep Gladiator JT 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

- Rear Park Assist Sensor Harness
- Rear Park Assist Body Harness
- Four Rear Park Assist Sensors
- Rear Park Assist Module
- Genie Programmer
- Security Gateway Module Bypass
- OEM Bumper with Rear Park Assist holes*



*Not included in kit but recommended.

Tools required for installation, socket sizes & whatnot.

- Light Source
- Pry Tool
- Flathead Screwdriver
- 16mm Wrench/Socket
- 13mm Wrench/Socket
- 10mm Wrench/Socket

Skill Level: 3

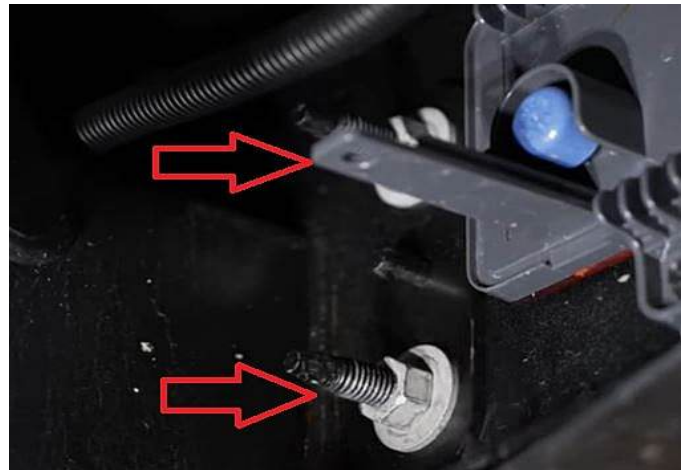
Time Investment: 2-3 hours



Step 1: Start by removing your license plate as there are two 16mm bolts behind it that need to be removed.



Step 2: There are two 16mm nuts on each end of the bumper.



Step 3: While your removing the four nuts from the bumper, disconnect any bumper light connectors or factory harnesses attached to the bumper with clips or tags. You want the bumper free to remove.



Step 4: Disconnect the 7 way trailer plug.



Step 5: You can now pull the bumper straight back.



Step 6: Place the Original bumper and new bumper next to each other on a safe surface. Be careful not to damage the bumpers while swapping parts.

Note: We will be swapping 7 way trailer connection, license plate light, and some plastic nuts (13mm).



Step 7: With a panel tool, you'll want to work on the clips holding the 7 way connection in place on the original bumper.



Step 8: Once the 7 way pops out you can transfer it to the new bumper.



Step 9: Next remove the license plate lights. There is a small clip to press in to get the light to release.



Step 10: Attach license plate lights to new bumper. They will just snap in.

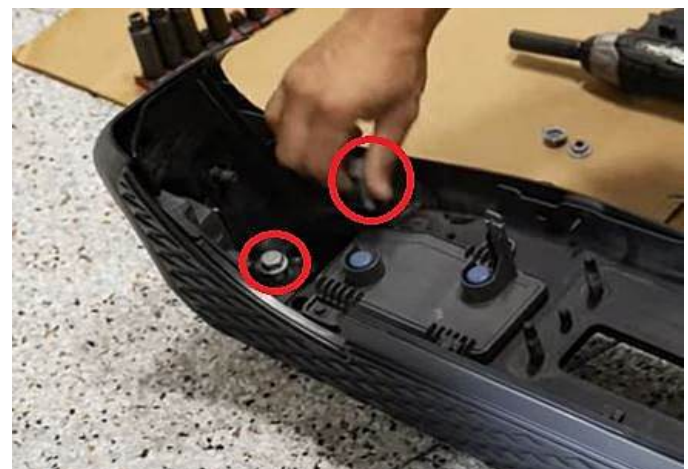
Note: You can wait till you flip the bumper to install the lights. Best to do it now so you don't forget.



Step 11: Our replacement bumper was also missing the two 13mm plastic nuts on the outer edge of the bumper. You may also need to transfer these two nuts to the new bumper. You can now put old bumper to the side.



Step 12: On the new bumper, remove the side bumper reinforcements to gain access to the out sensor locations.



Step 13: Once the reinforcement is removed. You'll see the sensor hole.

Note: The sensors only install one way. Make sure to line up the notch on the sensor with the notch on the hold for the sensor on the bumper.



Step 14: Grab the Rear Park Assist Sensor Harness and start on the driver side of the bumper. Install Rear Park Assist Sensor Harness on to sensor and install sensors.



Step 15: You'll hear a click when sensors are in place. Make sure to push the white locking tab down once the sensor is in place.



Step 16: With your four sensors installed in the new bumper, use zip ties to secure the Rear Park Assist Sensor Harness up out of the way for when you're mounting the new bumper to the vehicle.



Step 17: Install the bumper reinforcements with the two 16mm bolts and install the plastic 13mm nuts.



Step 18: From the center of the bumper lift and gently slide new bumper onto the vehicle.



Step 19: Put the two 16mm bolts in behind the license plate to secure the bumper.



Step 20: Under the bumper you can install the four 16mm nuts to finish securing the bumper in place.

Note: While putting the nuts back on, reattach your factory harnesses to the bumper. Connect the license plate lights and all the clips.



Step 21: Route the Rear Park Assist Sensor Harness along the body frame.

Note: Stay away from anything hot or moving. Best practice is to route along the factory harnesses.



Step 22: Zip tie along the way to the factory harnesses under the vehicle.



Step 23: Route till you get under your rear seats. There you'll find a grommet to use to route the Rear Park Assist Sensor Harness into the vehicle's interior.



Step 24: Put your rear seats up and remove the rear seat storage by removing the four 10mm bolts. Set it to the side.



Step 25: Remove the factory jack and pull carpet toward the front of the vehicle. This will expose the grommet we saw from under the vehicle.



Step 26: Route the Rear Park Assist Sensor Harness into the grommet and pull the slack through.

Note: We already have a hole in the grommet but if you do not then just use a razor to make a small opening to pull the harness through then put grommet back into place.



Step 27: Route the harness toward the trim panel, put carpet back into place, and push the harness under the trim panel going toward the front passenger side.

Note: You can put the jack back in and the rear seat storage with its four 10mm bolts.



Step 28: Continue to run the harness along the trim panel. You can either remove the trim panel to route the harness or do what we did and gently pull the trim back and push in the harness with our fingers.



Step 29: Route the harness behind the kick panel plastic so the harness reaches behind the glove box.



Step 30: Remove the glove box. Pinch the little arm to open the glove box fully then pull to release the glove box. Place the glove box to the side.



Step 31: Route the harness up into glove box opening.



Step 32: Take the Rear Park Assist Module and plug in the Rear Park Assist Sensor Harness into the center connector.



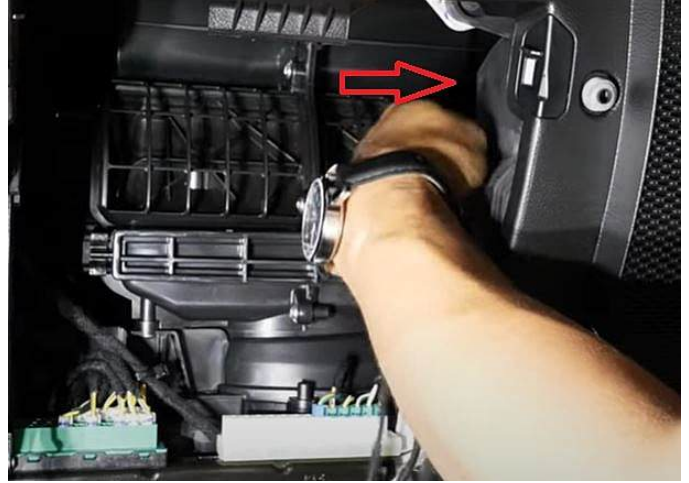
Step 33: Plug in the Rear Park Assist Body Harness into the Rear Park Assist Module's left connector.

Note: The connections are keyed so you shouldn't be able to plug them in incorrectly.



Step 34: You can mount the Rear Park Assist Module with some double-sided tape or some Velcro.

Note: Make sure you don't block the glove box operation.



Step 35: Take the Rear Park Assist Body Harness you plugged in and plug in the green connector into the green star port.

Note: This is your data connection.



Step 36: Now we need power to the rear park assist upgrade. We use the 12v port for power. To get to the 12v power port, start by pulling the knee bolster out, only need one retainer clip pulled out.



Step 37: The HVAC controls are only held in with retainer clips. Pull straight out to release.



Step 38: Disconnect the HVAC harness and set the HVAC controls off to the side.

Note: You don't have to disconnect the push to start button, as you can rotate the HVAC controls out of the way.



Step 39: Now you can remove the single screw holding the lower controls into place.



Step 40: Pull the lower controls straight back, it is only held in with retainer clips.



Step 41: Route the remainder of the Rear Park Assist Body Harness to behind the lower controls.



Step 42: Unplug your 12v outlet and put our pass-through on the Rear Park Assist Body Harness.



Step 43: Reassemble the dash. Make sure not to pinch any wires while pushing back the controls.



Step 44: Make sure to zip tie the harness out of the way so the glove box closes correctly once you reinstall the glove box.

Note: Put all trim panels back into place. Give them all a good smack till you hear the retainer clips click into place.



Step 45: Time to program the vehicle. 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 46: 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!

New settings on the radio.



Display on the cluster.



Step 47: Enjoy your purchase and again thank you for choosing Infotainment.com for your upgrades.



Things To Know

- The volume at which the park assist feature chimes can be controlled through the factory radio settings menu. Low / Medium / High.
- ParkSense can be active only when the gear selector is in REVERSE or DRIVE. If ParkSense is enabled at one of these gear selector positions, the system will remain active until the vehicle speed is increased to approximately 7 mph (11 km/h) or above. A warning will appear in the instrument cluster display indicating the vehicle is above ParkSense operating speed. The system will become active again if the vehicle speed is decreased to less than approximately 6 mph (9 km/h).
- A replacement rear bumper equipped with the four sensor holes is required for this upgrade. There are many to choose from online but two examples would be the Mopar Steel Bumper: 68341830AA, and Mopar Injection Molded Black Bumper: 6RG14RXFAA.
- Many aftermarket versions will come with the holes pre-drilled and include plastic caps to fill the holes in the event the Jeep isn't equipped with XAA – Rear Park Assist.

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 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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