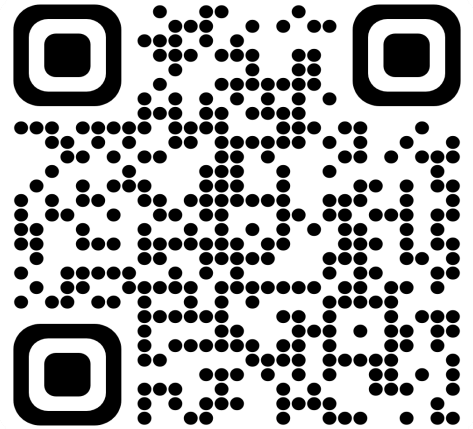


Install guide for (2018-2024 Jeep Wrangler JL Factory OEM Blind Spot Monitoring BLIS Kit)

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

- Blind Spot Monitoring Side-View Mirror - Left Side (C-MIR18JL-L-BSM)
- Blind Spot Monitoring Side-View Mirror - Right Side (C-MIR18JL-R-BSM)
- 2BSM LED Tail Light Lamp - Right Side (C-TAL18JL-R-BSM)
- BSM LED Tail Light Lamp - Left Side (C-TAL18JL-L-BSM)
- Blind Spot Monitoring Interface (C-INTBSM-JL)
- Genie Programmer (C-BSM)
- Security Gateway Module Bypass (C-MOBYYP)



Tools required for installation, socket sizes & whatnot.

- Light Source
- Pry Tool
- Flathead Screwdriver
- Philipshead Screwdriver
- 10mm Wrench/Socket
- T20 Torx Screwdriver
- T30 Torx Screwdriver
- T40 Torx Screwdriver

Skill Level: 4

Time Investment: 2-3 hours



Step 1: Start at the rear of the vehicle. We need to remove the factory taillights. There is a plastic cover that needs to be removed to gain access to the screw holding in your factory taillight. Use your pry tool to pop this cover out.



Step 2: Once the cover is removed you'll see the plastic 10mm screw. Remove this screw, hold your taillight to make sure it doesn't fall out.

Note: Be careful to not over torque the plastic screw.



Step 3: You should be able to slide the factory taillight out. Disconnect the taillight by pushing the red locking tab up to release the connection.



Step 4: Connect our taillight harness to the factory plug from the taillight. You will start with the side with the two connections, the side with three connections will be run to the driver's side.



Step 5: Feed the taillight harness into the lower right opening. Do not put it through the top left hole as this is used by the swing gate arm. Zip tie the taillight harness to factory wiring for neat and clean finish.



Step 6: From under the vehicle. Follow the factory wiring harness till you get to the driver's side taillight. Zip tie along the factory wiring harness.

Note: Make sure to avoid the exhaust system. Do not attach to anything hot or that moves.



Step 7: Remove the driver's side factory taillight the same way you removed the passenger side taillight.



Step 8: Feed our taillight harness up into the driver's side taillight cavity. Plug in the factory taillight plug into our taillight harness. Zip tie for the neat clean finish. The Orange tip plug will need to head up in the driver's side taillight cavity.



Step 9: Once the taillight harness has been run, you can install the new passenger side taillight.



Step 10: Next we need to remove the driver's side trim panels in the rear of the vehicle so we can get our orange tipped connector into the vehicle. Start by using your pry too to remove the trim from the seat belt. It is only held in with retainer clips.



Step 11: Pop out your hard top connector so it doesn't get in the way.



Step 12: Pull the weather stripping back and use your pry tool to free the retainer clips holding the trim panel in place. You don't need to remove the panel fully, just enough to get to the under side of the top of the panel. This is where a rubber grommet is located to feed the taillight harness through.



Step 13: With a firm pull, you'll release the trim panel just enough.



Step 14: Once the trim panel is free the top panel will come loose. You can just lift it out of the way.



Step 15: You'll now see the rubber grommet. Pull the grommet out then feed the taillight harness up into the hole. Make a small cut into the grommet so you can feed the taillight harness through the grommet.



Step 16: Push the grommet back into place. Take the main body harness from our kit and plug in the taillight harness into the body harness.



Step 17: Next run the body harness up the driver's side of the vehicle.



Step 18: Feed the body harness behind the trim panel till you get to this point. Reinstall the trim panels you just removed from the rear of the vehicle.



Step 19: You can now install the new driver's side taillight. Plug it into the taillight harness then secure in place with the 10mm screw.

Note: Again remember to NOT over torque the plastic 10mm screw.



Step 20: Back to the center of the vehicle. You'll be pulling down the carpet liner as we need to get to the rear Star connectors for CAN signal.



Step 21: Along the main body harness there will be a Star connector. Squeeze the cover on the Star connectors to remove the cover. Plug in our Star connector into one of the factory Star Ports. It doesn't matter which port you plug into, just make sure you hear the locking tab snap into place then put the cover back on.



Step 22: Continue to route the body harness toward the front of the vehicle. We want to end in the driver's foot well. Pull the trim and/or carpet up enough to feed the body harness through. Zip tie along the way for the neat and clean finish.



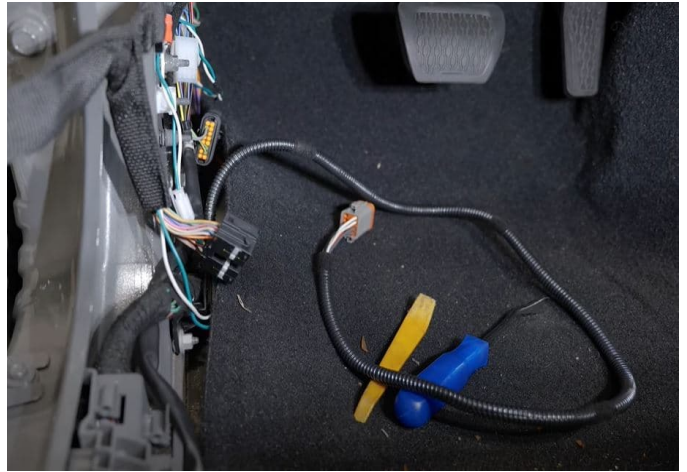
Step 23: Feed the body harness past the driver's seat. Routing the cable under the trim panels.



Step 24: Once by the driver's seat. Pull the trim panel up using your pry tool as well as removing the 10mm screw by the door to continue to route the body harness into the driver's foot well.



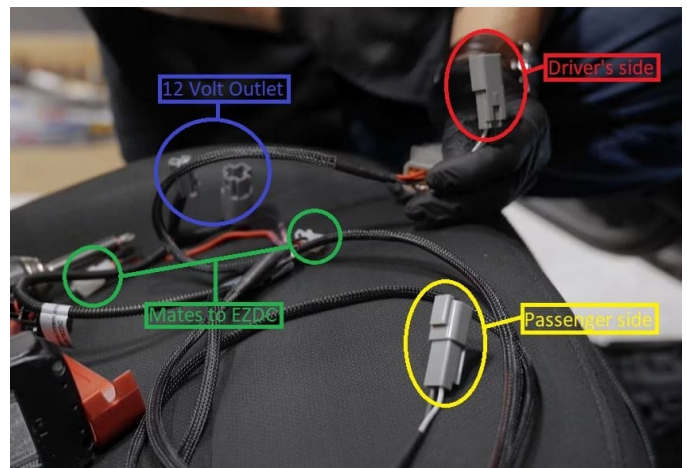
Step 25: This is where you'll end up with the body harness.



Step 26: Next we need the mirror jumper harness. Plug it into the body harness.



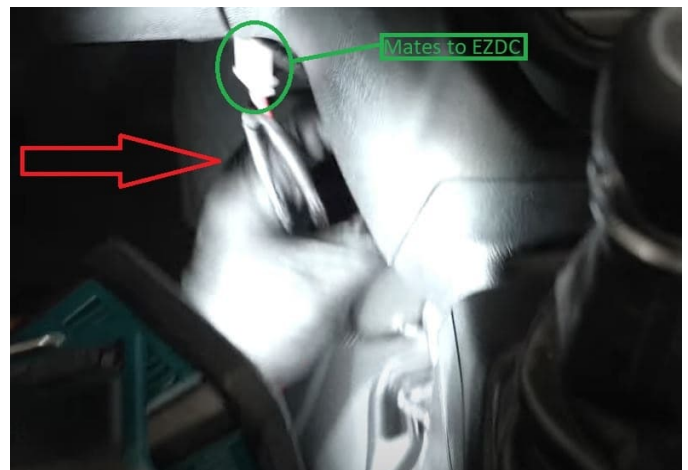
Step 27: Next we will be running the mirror jumper harness passenger side connector to the passenger side.



Step 28: Pulling the carpet down, along the center console on the driver and passenger side, there is a bracket that can be removed. It is held in with 10mm screw and 10mm nut.



Step 29: You'll find a small opening you can route the mirror jumper harness through to the passenger side with that bracket removed. You will want to stop feeding the harness through once you get to the white molex connection that mates to the EZDC harness for power.



Step 30: On the passenger side, pull the carpeting down so you can route the mirror jumper harness's passenger side to the right side of the passenger foot well behind the carpet.



Step 31: Next lets install the EZDC power pass through for the 12 volt outlet. Start by using your pry tool to pull the HVAC controls out of the dash. The HVAC controls are only held in with retainer clips. Disconnect the HVAC controls and place it off to the side.



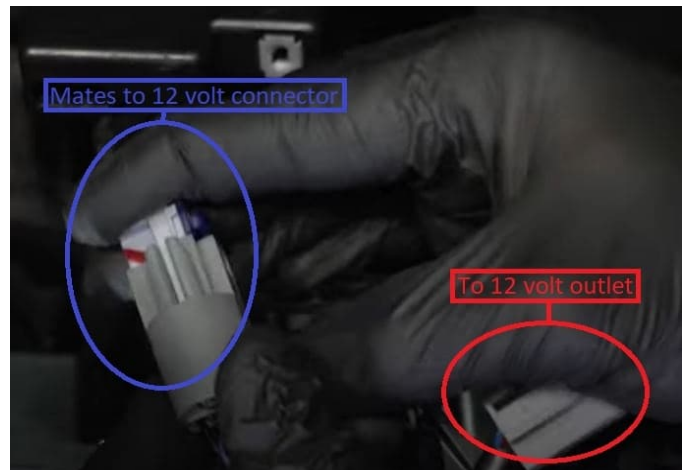
Step 32: Remove the one philipshead screw from above the window controls.



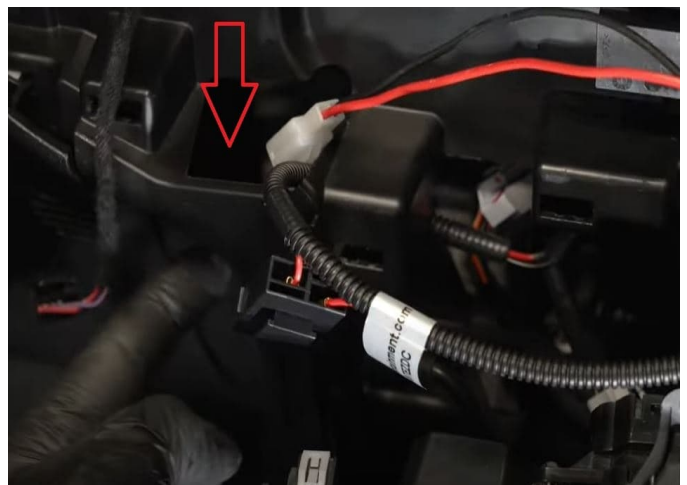
Step 33: Pull the rest of the panel out as it is only held in with retainer clips now. This will give you access to the 12 volt outlet connector.



Step 34: In our vehicle we didn't have a 12 volt outlet anymore but the plug for the 12 volt outlet was still in the dash. Plug it into our EZDC harness. If you do have a 12 volt outlet then plug the male side of the EZDC harness into the 12 volt outlet to retain its function.



Step 35: Route the white molex connection behind the window control panel then down to where we left the white molex on the mirror jumper harness.



Step 36: Mate the two white molex connectors together from the EZDC and the mirror jumper harness.



Step 37: Reinstall the window control panel and the HVAC control panel. The left side of the HVAC controls need to go in at a bit of an angle. The knee bolster panel can be pulled back a bit to give you room to install the HVAC controls.



Step 38: Next we need to install the new BSM mirrors. Let's start by removing the door panel. Remove the small trim piece covering the T30 screw behind the internal door handle.



Step 39: Remove the T30 screw from behind the internal door handle.



Step 40: You'll have two more T30 screws below the door's grab handle.



Step 41: At the bottom of the door panel, there are two T20 screws to be removed.



Step 42: This step is optional but we like to remove the door hook that holds the door wiring. This again isn't necessary but it makes things easier so it's recommended. There are two T20 screws holding the hook in place.



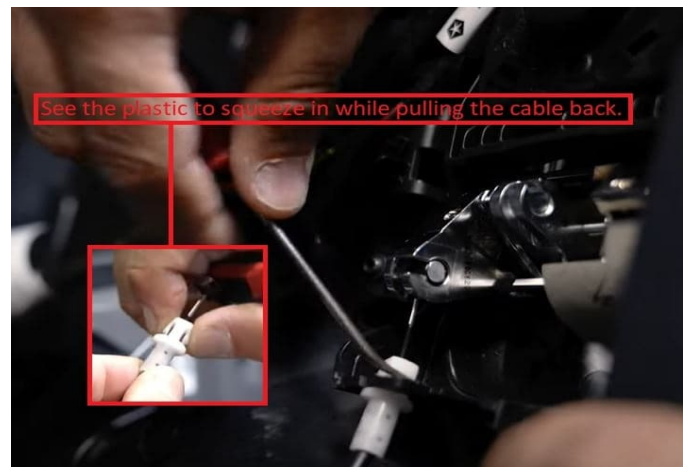
Step 43: Use your pry tool to remove the rest of the door panel as it is only held in with retainer clips from here. Start from the bottom, once all retainer clips are released, lift as the top of the panel stuck in the window well.



Step 44: Disconnect the main door harness from the door panel. Pull the red locking tab up to unlock then pull connector apart to release.



Step 45: Next disconnect the cables for the lock and handle. The lock is just in a groove and comes out easily. The handle has two plastic clips that need to be pushed in to get it to release. Once done, place the door panel off to the side.



Step 46: Time to remove the factory mirror. It is held in with three T40 screws. Remove them but make sure to hold the mirror from outside the vehicle so it doesn't fall and damage anything.



Step 47: When removing the factory mirror, there is a lip at the bottom of the mirror. You'll need to angle the mirror down to allow it to release from the door. Once the mirror is out, disconnect the factory mirror connection. Place the factory mirror off to the side.



Step 48: Going back to the inner door, remove the upper right grommet. Be careful not to pull the factory mirror harness out of the door as there is no mirror connected to it at the moment.



Step 49: With the grommet out of the way, you want to use a large zip tie or anything you prefer to feed into the door going out the mirror cavity. You want to make sure you are between the inner door frame and the window so the harness doesn't interfere with the window function.



Step 50: Taking our mirror harness, plug in the factory mirror connection into our mirror harness. Next grab the zip tie or what you used and attach the gray connector from our mirror harness and feed it down into the door cavity.

Note: Make sure the mirror harness stays to the right of the bracket inside the door.



Step 51: You can now plug in the new BSM mirror then mount.



Step 52: Reach around to install one of the screws to secure the mirror in place for now. Remember to slide the mirror in bottom first at an angle.



Step 53: Reinstall the three T40 screws to secure the mirror to the vehicle.



Step 54: Pull the mirror harness's gray connector through the door cavity. Make a small cut into the grommet and feed the gray connector through. Reinstall the grommet.



Step 55: Route the mirror harness down following the factory door harness, zip tie it to the factory harness for the neat and clean finish.



Step 56: Once you get to the sleeve the door hook was attached to. You can either feed the mirror harness through the sleeve or zip tie the mirror harness to the back side of the sleeve.



Step 57: Reinstall the door panel, door hook, and all the screws in the opposite order.



Step 58: Follow the same steps for the passenger door panel removal and installation of the passenger side BSM mirror.



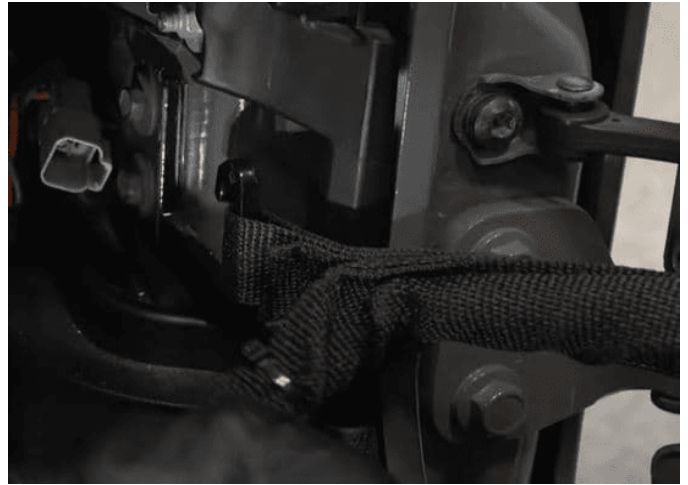
Step 59: Using your pry tool, pop the cover of the foot well panel.



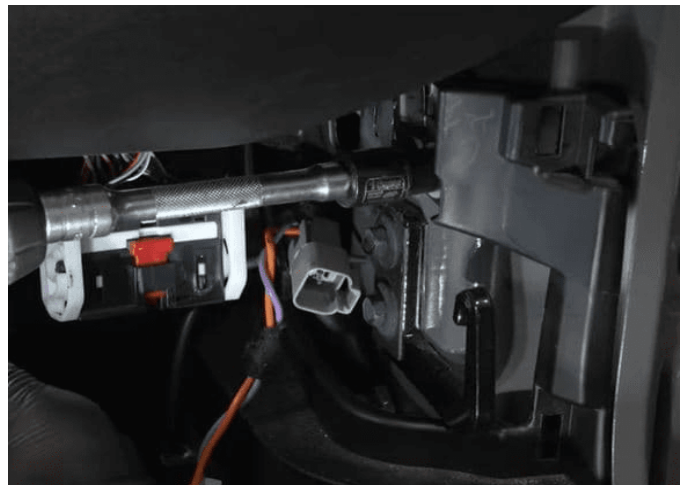
Step 60: Pull the white lever connector off its clip, push the white lever up to release connection.



Step 61: Unhook the factory wiring sleeve.



Step 62: You'll want to remove the kick panel from the driver's side and passenger side then zip tie the mirror jumper harness to the factory harness. There is a 10mm screw holding the panel in place. Remove the panel to feed your harness through.



Step 63: Zip tie the mirror harness to the factory wiring behind the kick panel you just removed.



Step 64: Reinstall the kick panel, feed the mirror harness through the opening so you still have access to it.



Step 65: Reinstall the 10mm screw, re-hook the wiring sleeve then plug in the mirror harness into the body harness.



Step 66: Push the harnesses behind the kick panel, reconnect the factory white lever connector, reattach it to kick panel then cover it back up.



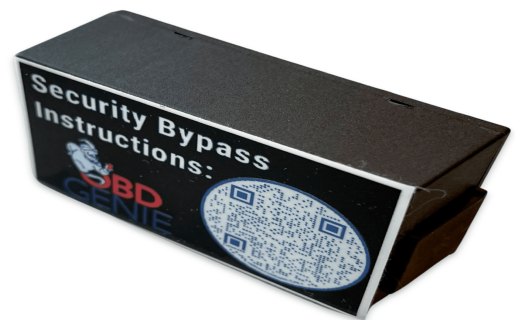
Step 67: Reinstall the brackets on both sides of the center console with their 10mm screw and nut then put carpet back into place with its plastic snaps.



Step 68: Reinstall the driver's side kick panel the same as the passenger side.



Step 69: 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 70: 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 71: Thank you for the purchase! Enjoy your BSM upgrade!



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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