



www.hylineoffroad.com

1507 C West Park Avenue ~ Perkasie, PA 18944
Tel: 1.888.495.4631 ~ Fax: 215.257.4364

Proudly Made In USA

Installation Instructions:

JL Summit Rear Bumper
Part Number: **600.200.100**

Vehicle Fitment:

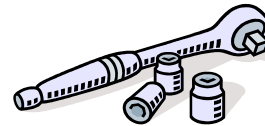
2018 - Present Jeep Wrangler
& Unlimited

Parts List

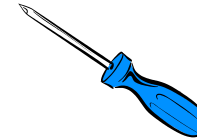
Qty:

- 1 Summit Rear Bumper
- 4 Black Plastic Hole Plugs for Back Up Sensor Holes
- 4 Back Up Sensor Grommets
- 4 Stainless Steel Retainer Clips
- 1 Black Plastic Round Plug for Tire Carrier Tube
- 1 LED License Plate Light
- 2 Butt Connectors with solder joint
- 4 1/4-20 x 1/2" Stainless Button Head Screw
- 2 M3.63 x 14mm Torx Stainless Steel Thread Forming Screw

Tools Needed



Ratchet
7mm Socket
8mm Socket
10mm Socket
16mm Socket
21mm Socket
6" Extension
9/16" Socket
T15 Torx Driver
3/16 Hex Key



Panel Fastener
Tool or Flat Blade
Screwdriver



Lubricating Oil



Heat Gun or Lighter

Congratulations on your purchase of the Hyline Offroad JL Summit Series Rear Bumper. Our products are completely manufactured in our facility located in Perkasie, PA. They are designed and engineered for durability and long product life. We sincerely thank you for your purchase and your support. We look forward to serving you in the future.

Hyline Offroad Staff

PLEASE READ INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Stock Rear Bumper Removal

Step 1 – Remove the three screws from the plastic mud guards on each side
Using an 8mm socket. (See Figure 1)

Step 2 – Disconnect the wiring harness by sliding the locking tab up, then depress connector tab and separate the harness. Pull the two “christmas tree” retainer clips to separate from the frame and bracket.

Step 3 – Remove the metal mud guard bracket from the frame/bumper using a 16mm socket shown in Figure 2. Repeat on passenger side.

Step 4 – Remove the two remaining nuts using the 16mm socket and extension as shown in Figure 3. Repeat on passenger side.

Step 5 – Remove the four tow hook bolts using a 21mm Socket as shown in Figure 4. You will not be reusing the tow hook, but you’ll need to retain the bolts for installation of the Hyline bumper.

Step 6 – Remove the two screws underneath the bumper next to the hitch receiver using the 10mm socket. (See Figure 5) You do NOT have to remove the hitch receiver. The bumper should be free to remove now. Remove remaining brackets on each side of the frame.

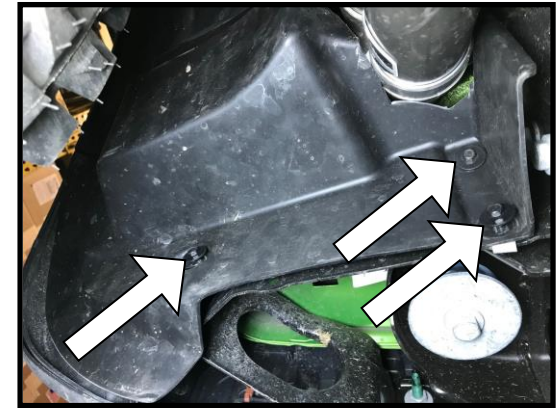


Figure 1

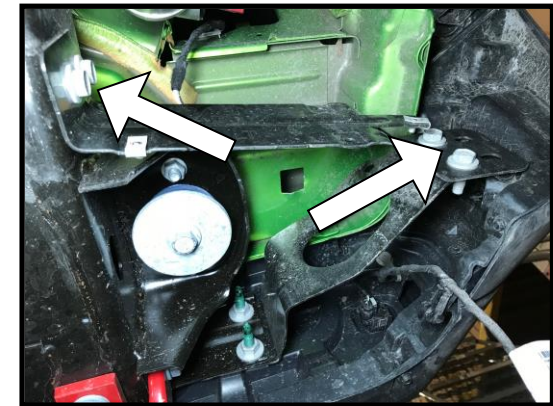


Figure 2

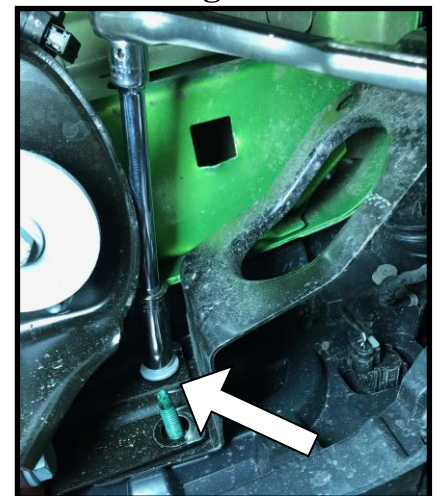


Figure 3

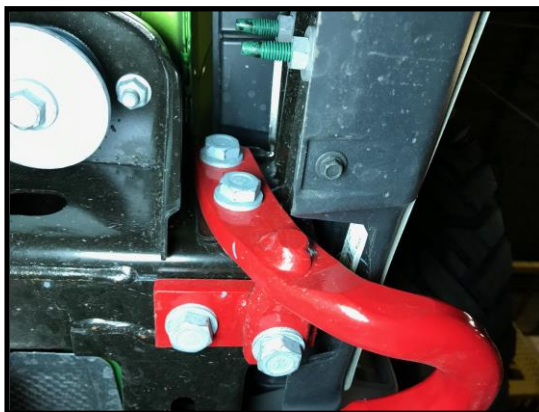


Figure 4



Figure 5

Step 7 – If you have park assist sensors and you want to reuse them in your new bumper then follow these steps in removing the wiring harness and sensors. If you do NOT have park assist sensors you can skip to STEP 11.



Step 7 (Continued)

- Using the 7mm Socket or Nut Driver remove the three screws from each metal bracket on ends of bumper
- Remove the five screws from the center metal stiffener brace.
- Remove the six screws from the plastic end cap inside covers.
- Use a panel fastener tool or flat blade screw driver to remove the white plastic retainer clip from each side. (See Figure 6)
- Pull off the outside plastic end cap cover to expose the two screws.
- Remove the two screws shown in Figure 7.
- Remove the 16 screws from the main plastic insert.
- Remove all four park assist sensors from each plastic housing by spreading the two retaining tabs apart and pulling out the sensor.
- Unplug the License Plate wire connector
- The plastic bumper insert should be free to remove now.
- Pry out each wire retaining push pin and remove wiring harness.



Figure 6



Figure 7

Prep For Install of Hyline Offroad Bumper

Step 8 – If you are NOT re-installing park assist sensors you can skip to Step 11. If you are re-installing the sensors start by installing the four provided rubber grommets into each round cutout in the front face of the bumper. (See Figure 8)

Step 9 – Install the four provided stainless spring steel retainer clips by sliding them underneath each rubber grommet. (See Figure 9)

Step 10 – Disconnect each park assist sensor from its connector to help ease installation. It does not matter which sensor goes into which hole, they are not specific to location on the bumper. Before installing the sensors, rub a small amount of lubricating oil around the inside of each rubber grommet. This will make installation easier. Install the sensors into grommet by pulling up enough on the stainless retaining clip to slide the sensor into the grommet. You will have to work the sensor back and forth until it seats into the grommet correctly. (See Figure 10 & 11 showing proper seating of sensor)



Figure 8

Locate Clip in this orientation for the two inside sensors



Figure 9

Locate Clip in this orientation for the two outside sensors

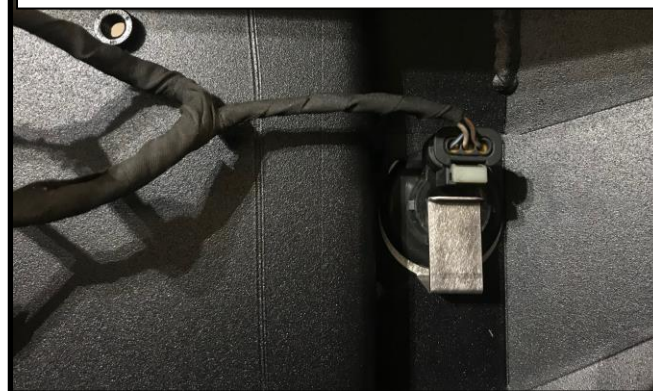


Figure 10



Figure 11

Step 11 – Install the four provided plastic hole snap plugs if you are not installing park assist sensors now.

Step 12 – Install the provided LED License Plate light using a T15 torx driver and supplied M3.63 x 14mm stainless screws. Feed the wires through the slot of the license plate mount. These are self threading screws so just hold the light casing from behind and apply light pressure to the screw and begin tightening. (See Figure 12)



Figure 12

Step 13 – Route the license plate light wires behind the frame mounting Bracket as shown in Figure 13.

Step 14 – Install the OEM wiring harness that was removed in Step 7. Clip all connectors back onto the park assist sensors. Cut the factory connector off the old license plate light. Use the supplied butt connectors with integrated solder joint and heat shrink tubing.



Figure 13

Installation of Hyline Offroad Bumper

Step 15 – Install the bumper onto the Jeep making sure there are no wires being pinched between the bumper and the frame. Reuse the four large bolts removed from the tow hook in Step 5 and install them through the bumper brackets and into the frame. If you ARE installing a swingout tire carrier DO NOT tighten the bolts yet and skip to Step 16. If you are NOT planning to install a swingout tire carrier go ahead and tighten up all four bolts using the 21mm socket. You can also install the supplied round black plastic tube plug to cover up the pivot pin tube and skip to Step 18.

Step 16 – If you are installing a swingout tire carrier then you **MUST** now install the Passenger Side Reinforcement Bracket that comes with the tire carrier. First loosen the one body mount bolt (white arrow) on the passenger side using the 18mm socket. Just loosen it about ½” or so. It will just make it easier to access the two smaller flange nuts. Now remove the two flange nuts (red arrows) using a 16mm socket and extension. (See Figure 14)

Step 17 – Install the Reinforcement Bracket into place by sliding the bracket forks up onto the threaded studs you removed the flange nuts from (red arrows). Reinstall the flange nuts loosely. Then install the supplied 3/8” x 1” hex bolts, lock washers and flat washers (yellow arrows) to connect the bracket to the bumper. Tighten the 3/8” hex bolts using a 9/16” socket. Then tighten the flange nuts using the 16mm socket and re-tighten the body bolt using the 18mm socket.

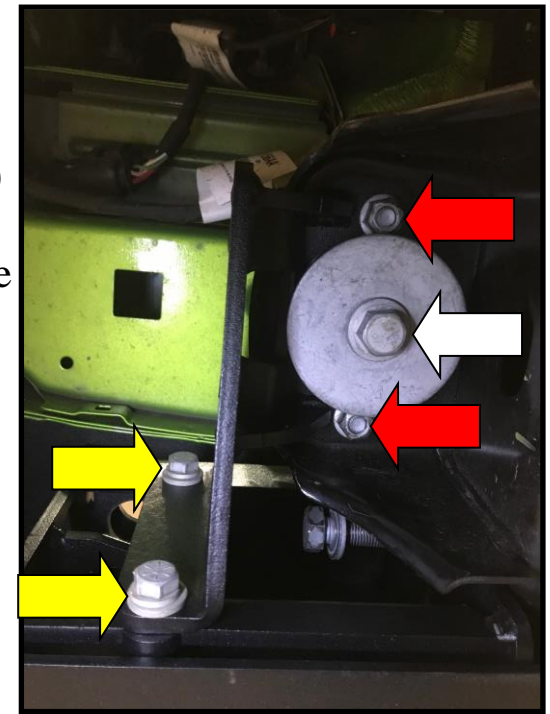


Figure 14

Step 18 – Lastly, tighten the bumper bolts using the 21mm socket and use the four supplied ¼”-20 Stainless steel cap screws and 3/16” hex wrench to install your license plate.

! Attention

Installation instructions provided must be read and followed exactly when installing product. Failure to do so could potentially result in injury or death of any occupants in the vehicle. **WEAR SEAT BELTS AT ALL TIMES WHEN DRIVING!**

Though our products are rugged, they are primarily designed and built to enhance the appearance of the vehicle and will not protect from death or injury in the event of an accident. Adhere to all vehicle manufacturers specifications.

Don't forget to follow HYLINE OFFROAD on social media and post pictures of your Jeep!



** IMPORTANT: PLEASE READ BEFORE INSTALLING

HYLINE OFFROAD, LLC WARRANTY

Product is warranted for a period of 1 year from the date of sale. This warranty applies to { } ~ ~ æ& c ~ ! ^ ! q • Á â ^ ~ ^ & c • Á [} | ^ Á æ} á Á â [^ • Á } [c Á & [ç ^ ! Á â æ{ æ* ^ Á [! Á ~ æã | ~ ! ^ Á

If product failure does occur within the time period specified according to the provisions of this Warranty, then Hyline Offroad, LLC agrees to provide the replacement product free of charge, F.O.B. factory. This Warranty is valid only so long as the product is installed on the original vehicle. Removal of the product from this vehicle automatically invalidates this Warranty.

As described above, this warranty is expressly limited to the material cost of the product and does not extend to labor costs. Hyline Offroad, LLC will not be responsible for any costs incurred in the removal or reinstallation of the product furnished by manufacturer under this warranty.

CLAIMS PROCEDURE Submit Warranty claim in writing, by certified mail to Hyline Offroad, LLC, 1507 C West Park Avenue, Perkasio, PA 18944. The Claim Notice must state the date of this Notice, the nature of the defect, date of purchase and if already installed, the date of installation, if installed the name of installer and include Proof of Purchase.

This Warranty shall be for the benefit of the original owner only, and is non-transferable. This Warranty is valid in those states where permitted. Some states do not allow limitations on the length of an implied warranty, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. You should check your local state laws to determine this. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

THE WARRANTIES SET FORTH IN THE FOREGOING PROVISIONS ARE LIMITED TO THEIR PRECISE TERMS AND PROVIDE EXCLUSIVE REMEDIES EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION IN THE FOREGOING PROVISIONS. HYLINE OFFROAD, LLC EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY WITH REGARD TO THE PRODUCTS. HYLINE OFFROAD, LLC IS NOT LIABLE TO ANYONE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY WARRANTY, EXPRESS OR IMPLIED. HYLINE OFFROAD, LLC IS NOT LIABLE FOR DAMAGES TO PERSON OR PROPERTY, CONSEQUENTIAL LOSSES, LOSS OF PROFIT, LOSSES OF PRODUCT IN STORE, OR THE LIKE, UNDER ANY CIRCUMSTANCES AND HYLINE OFFROAD, LLC'S LIABILITY IN ANY CIRCUMSTANCE IS SPECIFICALLY LIMITED BY THE TERMS OF THIS WARRANTY.

HYLINE OFFROAD, LLC HOLD HARMLESS AGREEMENT

1. I, the undersigned, hereby release, defend, hold harmless, and indemnify the manufacturer (referred to as Releasees) from any and all liability, claims, demands, actions and causes of action whatsoever arising out of or related to any loss, damage, or injury, including death, that may be sustained by me (or anyone else), any property belonging to me (or anyone else), whether caused by the negligence of the releasees or otherwise, while working on, using or any activity related to this product.
2. I am fully cognizant of any risks and/or hazards connected with the use of a this product and I elect to willingly engage in such use of this product knowing that the use may be hazardous to me and my property. I willingly assume full responsibility for any risks of loss, property damage or personal injury, including death, that may be sustained by me (or anyone else), or any loss or damage to property owned by me (or anyone else), as a result of using this product, whether caused by the negligence of releasees or otherwise.
3. I further agree to indemnify and hold harmless the releasees from any loss, liability, damage or costs, including court cost and attorney fees, that they may incur due to my use of a this product, whether caused by negligence of releasees or otherwise.
4. It is my express intent that this Release and Hold Harmless Agreement shall bind c @ ^ Á { ^ { à ^ ! • Á [~ Á { ^ Á ~ æ { ã | ^ Á æ } á Á • assign, and personal representative, if I am deceased, and shall be deemed as a release, waiver, discharge, and covenant not to sue the above named releasees. I further agree that this Waiver of Liability and Hold Harmless Agreement shall be construed in accordance with the laws of the State of Pennsylvania.

By accepting and installing this product, I acknowledge and represent that I have read the above Warranty and Hold Harmless Agreement, understand it and accept it willingly as my own free act and deed; no oral presentations, statements, or inducements, apart from the foregoing written agreement, have been made; I am at least eighteen (18) years of age and fully competent; and I execute this Release for full, adequate and complete consideration fully intending to be bound by same.

If you do not agree with the preceding Hold Harmless Agreement, you may return the product and receive a full refund. Please, contact a Hyline Offroad sales representative and they will issue a call tag for the product in question. Once the product has been received by Hyline Offroad, inspected and accepted for return, a full refund will be issued.