

FS-15 SERIES REAR BUMPER

20+ JEEP GLADIATOR JT

RBGL-11



TOOLS REQUIRED

- T-50 Torque head socket
- #4, #6 Allen head sockets
- 10mm, 15mm, 16mm, 18mm Socket
- 8mm, 10mm, 17mm wrenches
- Snips/Scissors
- File
- Trim Clip Tool

SKILL LEVEL

- Novice/Intermediate
- 2 persons

Little skill level required, however, assistance is required for removal and installation of bumpers.

TIME REQUIRED

- 3.5 Hour

Time to install this should only take about three and a half hours.

WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION

Before you install this kit – Read and understand all instructions, warnings, cautions, and notes contained in this installation instruction guide. Consult your vehicle owner's manual for proper disconnection of electrical and lifting of vehicle if required for installation of this product.

This install may require some technical skills and knowledge of basic mechanical work. If you do not feel that you are capable of performing this install please take this product to a trained professional.

After reading this guide please contact us with any questions or concerns before installing product.
Customer Service: 855-680-9595

DV8 Offroad is not responsible for any bodily injury or harm to you or your vehicle as a result of an improper install.

Proper installation of this kit required knowledge of the factory recommended procedures for removal and installation of original equipment components. We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle

- Always wear eye protection when operating power tools

Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information

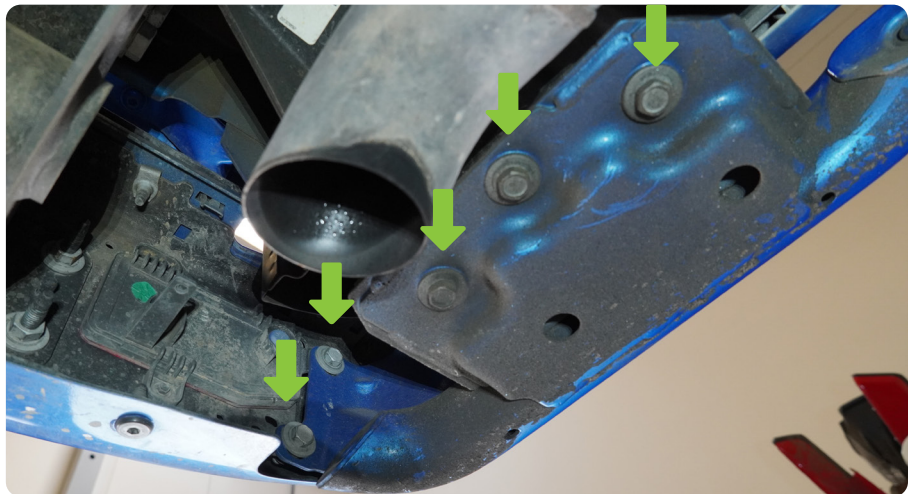
1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover



INSTALLATION MANUAL

STEP 1 | If equipped with factory bed sliders, use a 15mm socket to remove the bottom bolts dropping bottom part of slider.

If the truck is not equipped with these, skip to step 3.



STEP 2 | Repeat on other side.



INSTALLATION MANUAL

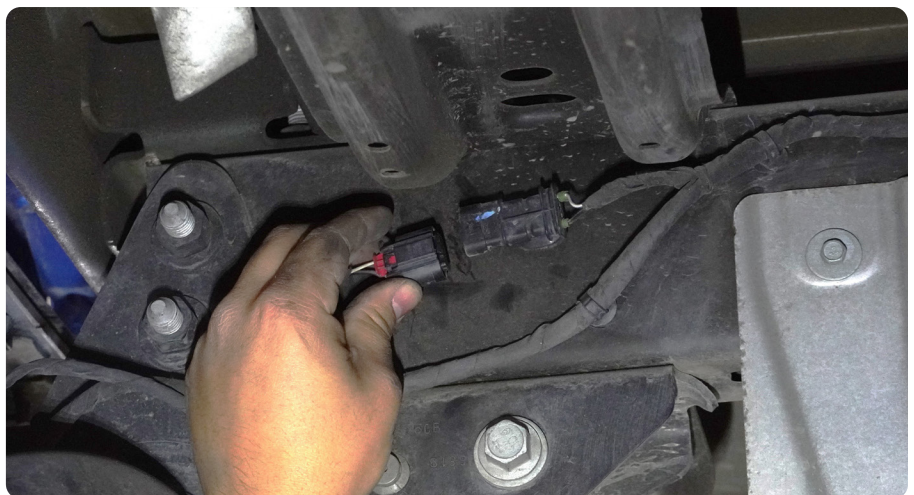
STEP 3 | Remove trailer plug wiring. Squeeze tab on plug and pull away. They can be difficult, so go slow and ensure no damage to plug.



STEP 4 | At the top of the driver side frame rail is the main bumper harness.

Remove by pulling the red locking clip back and gently pulling the plug so as not to damage the wiring.

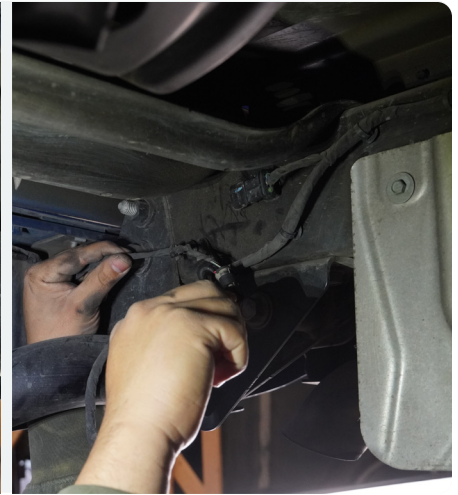
Use a trim clip tool if necessary.



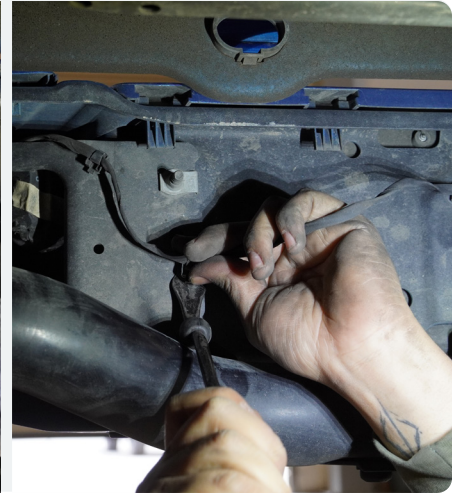
INSTALLATION MANUAL

STEP 5 | Unclip the main harness from the frame or any other mounting points that may get caught in the bumper removal process.

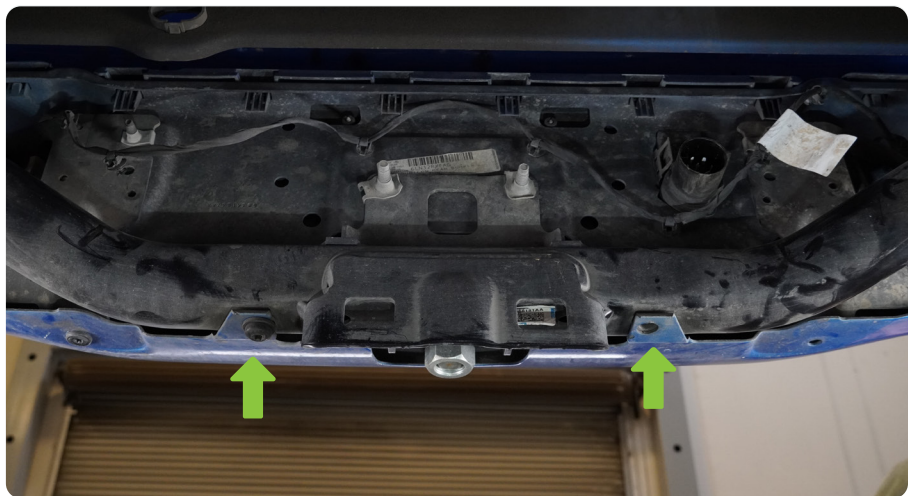
This will vary depending on the options the truck has (sensors, towing package, etc.).



STEP 6 | If the vehicle does not have parking sensors, remove the wiring harness and set it off to the side for preparation of the installation onto the DV8 bumper.



STEP 7 | Remove the two T50 torx bolts on the bottom of the bumper.



INSTALLATION MANUAL

STEP 8 | Remove the rear license plate to access the two 16mm bolts attaching the bumper to the hitch.



STEP 9 | If equipped with a bumper mounted hitch ball, remove this at this time.

If equipped with the factory Class III hitch, you can skip this step.



STEP 10 | Using the 16mm socket, remove the four bolts ((2) on each side), holding the bumper to the hitch.

Note: The bumper will become loose from the vehicle. Use extra caution to prevent damage or possible injury.

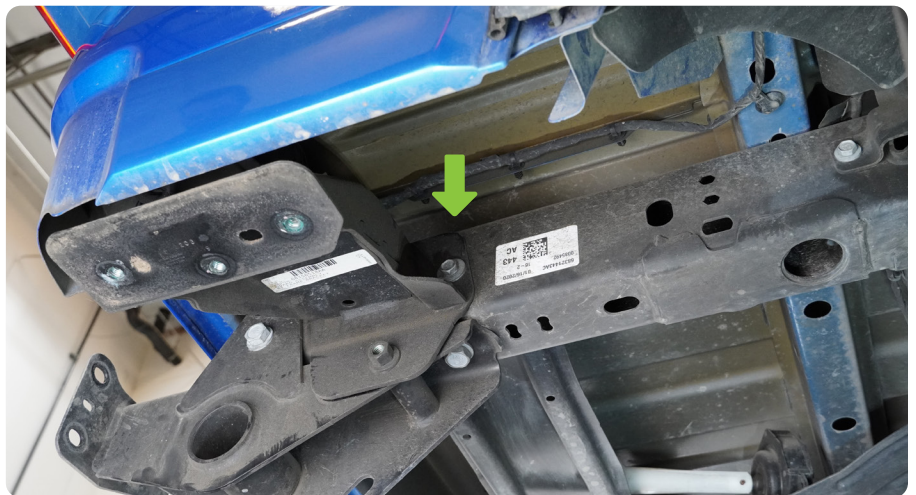


INSTALLATION MANUAL

STEP 11 | With assistance, remove the bumper from the vehicle and set off to the side on a soft surface.



STEP 12 | If equipped with factory bed slider mounts, use a 16mm and 18mm socket to remove the bolts securing the mounting brackets.

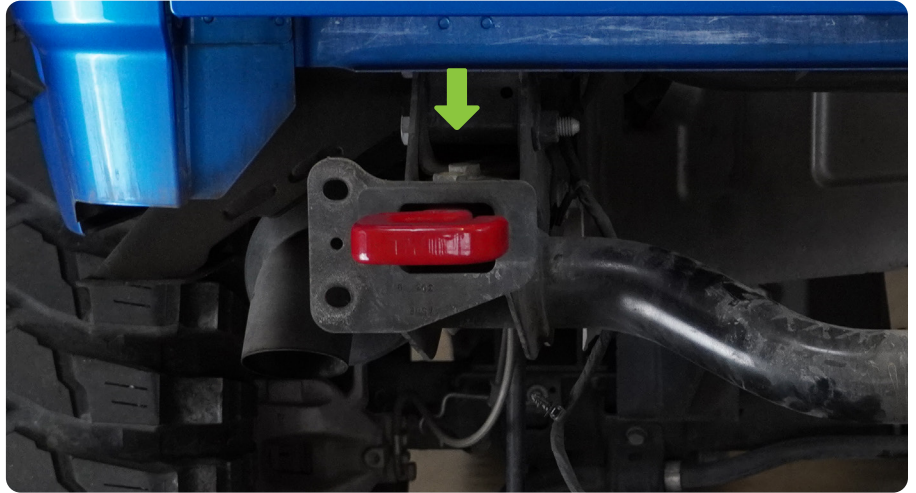


INSTALLATION MANUAL

STEP 13 | If equipped with factory tow hooks remove both at this time.

Use an 18mm socket to remove the bolts securing the factory tow hooks and remove them.

If you do not have this option, skip the necessary steps.

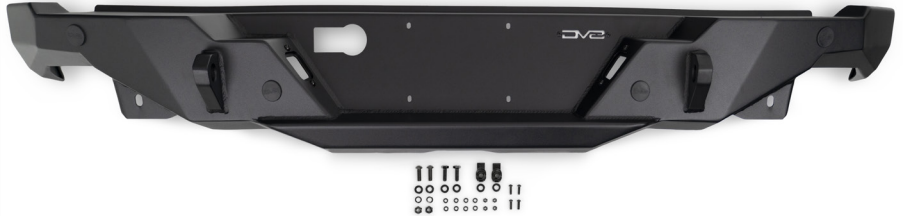


INSTALLATION MANUAL

Begin by unpacking all items and inspecting for missing pieces or damage. If you have any concerns, please contact the company the product was purchased from. Extra hardware may be included with the product.

HARDWARE INCLUDED

- | | |
|-------------------------|------------------------|
| (2) M10x30 Hex | (6) M10 Flat Washers |
| (2) M10x30 Allen | (4) M6x20 Allen |
| (2) M10 Nylon lock Nuts | (8) M6 Flat Washers |
| (2) M10 Spring Washers | (4) M6 Nylon Lock Nuts |
| (2) M10 Nut Clips | |



STEP 14 | Install the trailer wiring harness plug by pressing it into place.

It should “snap” into place when secure.



INSTALLATION MANUAL

STEP 15 | Disconnect the wiring connector from the license plates on the factory bumper.

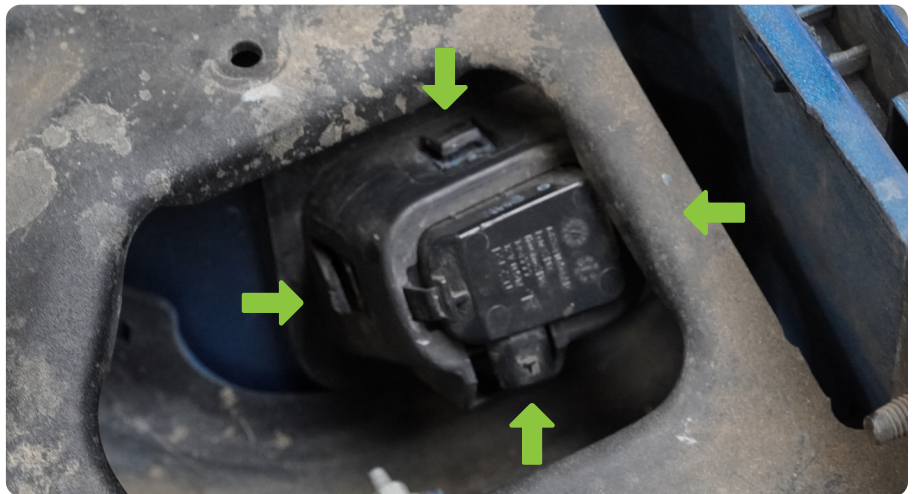
Press the release tab and pull to remove.

Use a trim clip tool if necessary.



STEP 16 | There are four tabs on the outside of the license plate light. Three of four need to be lifted for light to be removed.

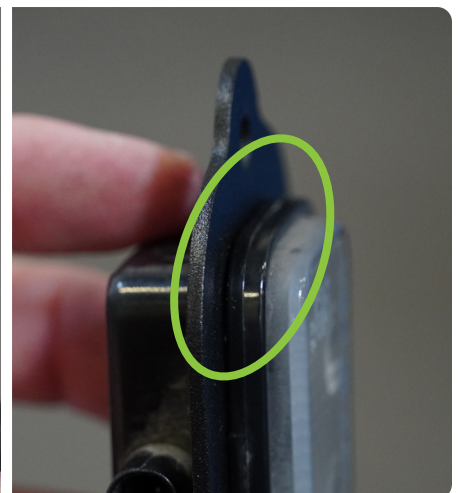
Once three of the four tabs are pulled back like shown, push the light towards the face of the bumper to remove.



INSTALLATION MANUAL

STEP 17 | Use snips or a blade to trim down the tab on the top of each light.

Then use a file to remove any remaining material. The tab must ground down completely flush with the light assembly.



INSTALLATION MANUAL

STEP 18 | Install the factory license plate lights on the DV8 bumper by pressing them into place.



STEP 19 | Install the wiring connectors to each license plate light by pressing them into place.



INSTALLATION MANUAL

STEP 20 | If equipped with factory sensors, install bezels and sensors in same orientation as OEM.

Depending on your specific vehicles sensors, the sensor bezels may clip into place very easily, or it may be necessary to add a small amount of silicone to keep the bezel in place.



STEP 21 | Install the nut clips on the upper mounting holes by pressing them into place.



STEP 22 | Route and secure the wiring harness using zip ties. Trim zip ties using snips for the cleanest look.

If the vehicle has a sensor wiring harness, utilize the zip tie tabs located above the bumper mount.

Ensure the wiring is safely secured and will not be pinched when the bumper is mounted.



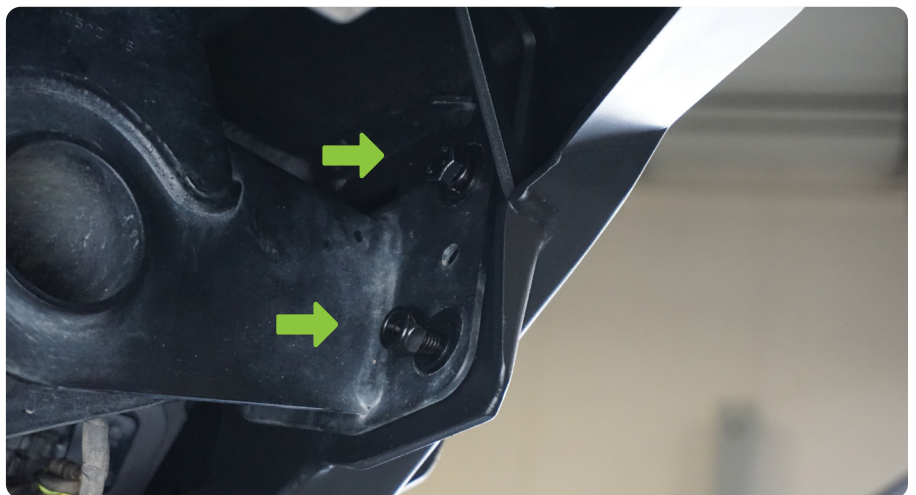
INSTALLATION MANUAL

STEP 23 | Use the provided M6 hardware to secure the license plate using a #4 allen bit and a 10mm wrench.



STEP 24 | With assistance, loosely install the bumper to the vehicle using the provided M10 hardware.

Note: Assistance is recommended to prevent injury and damage to the vehicle or product.



INSTALLATION MANUAL

STEP 25 | Align the bumper so it is sitting level on the vehicle and secure the hardware.

Use a 17mm socket for the upper mounting bolts.

Use a #6 allen bit and a 17mm wrench/socket for the lower mounting bolts.



INSTALLATION MANUAL

STEP 26 | Install the trailer wiring harness connector by pressing it firmly into place.



STEP 27 | Install the wiring harness connector for the license plate lights/sensors by pressing them into place.

Route the wiring in a secure area over the hitch.



INSTALLATION MANUAL

STEP 28 | Secure wiring with zip ties and trim any excess.



STEP 29 | Congrats! You are finished with the install of the 20+ Jeep Gladiator JT High Clearance Rear Bumper.

