

MTO SERIES REAR BUMPER

20+ JT JEEP GLADIATOR

RBGL-06



TOOLS REQUIRED

- Trim Clip Tool
- 10, 15, 16, 18mm Socket
- 18mm Wrench
- 4, 6mm Allen Bit
- T50 Torx Bit
- Sand Paper/File
- Zip Ties
- Flathead/Philips Head Screwdriver
(For license plate bolts only)

SKILL LEVEL

- Novice/Intermediate
- 2 persons

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

TIME REQUIRED

- 3.5 Hours

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

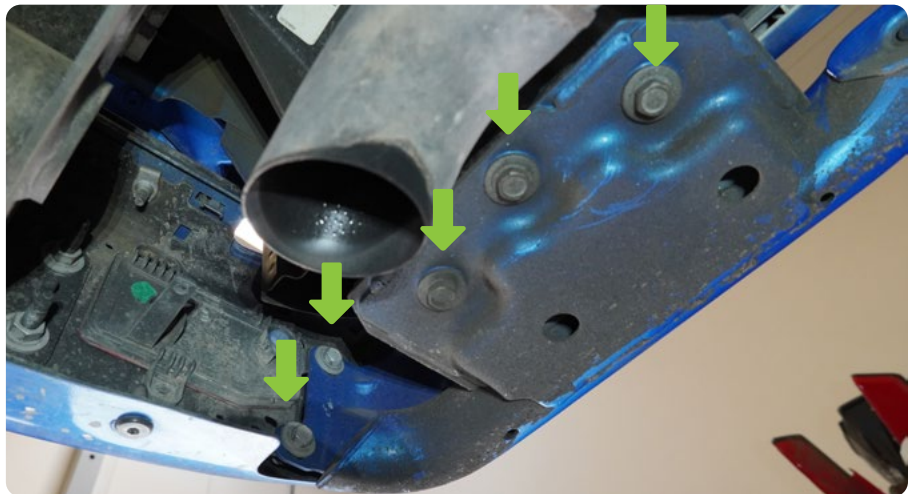
1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover

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.

Repeat on other side.



INSTALLATION MANUAL

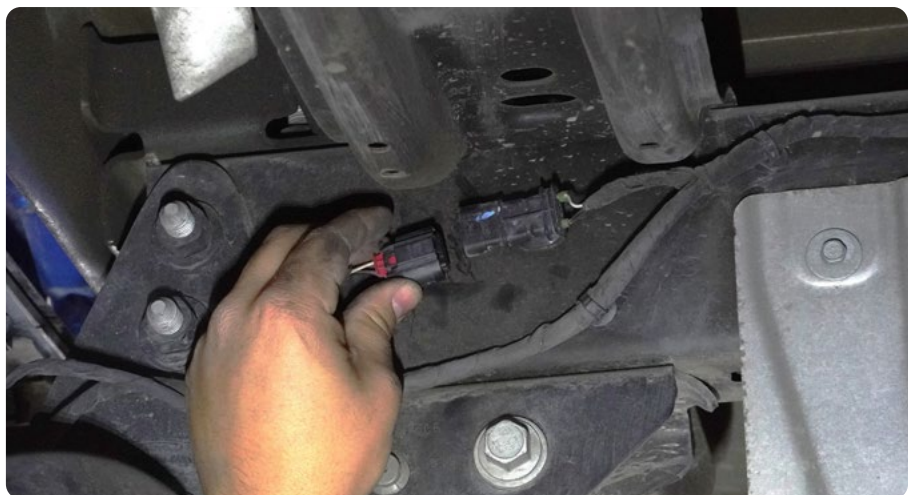
STEP 2 | Remove trailer plug wiring. Squeeze tab on plug and pull away. They can be difficult, so go slow and ensure no damage to plug.



STEP 3 | 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.

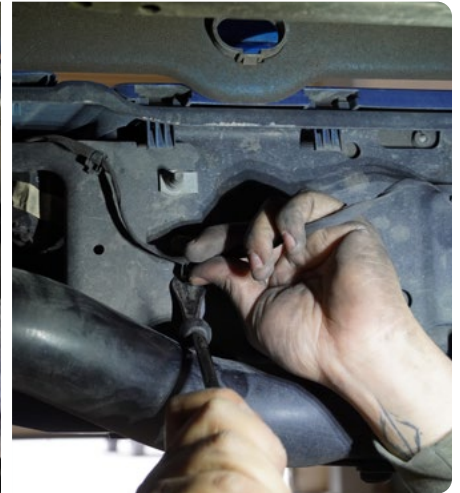
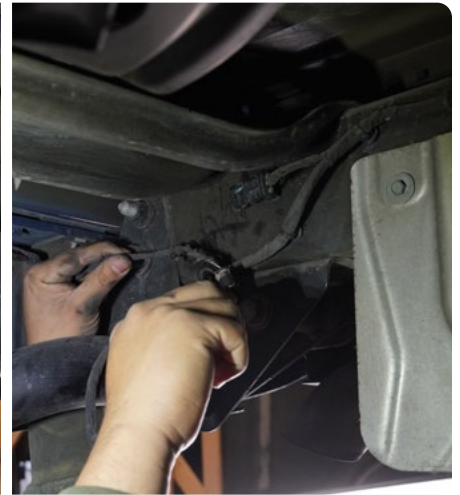
Use a trim clip tool if necessary.



INSTALLATION MANUAL

STEP 4 | 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 5 | Remove the two T50 torx bolts on the bottom of the bumper.



INSTALLATION MANUAL

STEP 6 | Remove the rear license plate to access the two 16mm bolts attaching the bumper to the hitch.



STEP 7 | 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.



STEP 8 | 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.



INSTALLATION MANUAL

STEP 9 | With assistance, remove factory bumper and set off to the side.



STEP 10 | If equipped with factory bed slider mounts and factory tow hooks remove both at this time.

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

Use a 16mm and 18mm socket to remove the bolts securing the bed slider mounts.

If you do not have these options, skip the necessary steps.



INSTALLATION MANUAL

STEP 11 | Push on tap to release light from housing.



STEP 12 | Using a push pin removal tool, remove the harness from the bumper. The amount of pins will vary depending on if equipped with sensors or not.



STEP 13 | Remove factory 4/7pin trailer plug by pushing in both sides of the metal clip to release the plug.



INSTALLATION MANUAL

STEP 14 | Depending on your specific vehicle, it may be necessary to shave a small tab off your license plate lights to work with our mounting brackets.

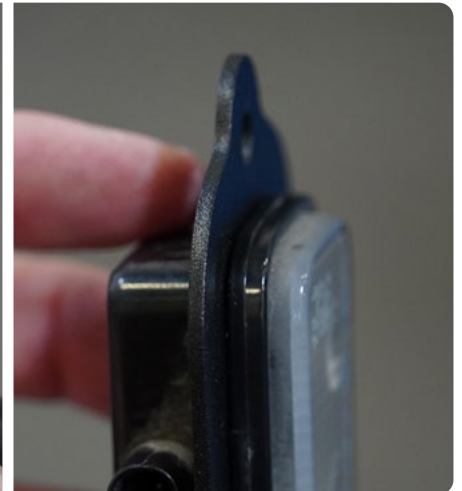
If you have this small tab on top of the wider section of the light, it will need to be removed.

Using a file or sand paper, shave down small tab on both license plate lights until completely flat.



STEP 15 | Once smooth, remove the license plate light mount that is installed on the bumper with a #4 allen head and 10mm socket.

Install the light carefully to not break off the lower tab on the light and ensure light is tight and sits flush onto bracket.



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 Allen | (4) M6x20 Allen |
| (2) M10x30 Hex | (8) M6 Flat Washers |
| (2) M10 Lock Nuts | (4) M6 Lock Nuts |
| (2) M10 Spring Washers | |
| (2) M10 Flat Nuts | |
| (6) M10 Washers | |



STEP 16 | Install the trailer wiring harness plug by pressing it into the place through the bumper.

It should “snap” into place.



STEP 17 | Install the light brackets into bumper by using a 4mm allen bit and 10mm wrench..

Wide part of the light should be facing up, and plug should be facing towards the back of the bumper.

If you did not have to shave down the tab on your lights, these should “snap” into place, with no need to remove the mounting bracket.



INSTALLATION MANUAL

STEP 18 | If you are installing pod lights, do so at this time using the hardware provided with the light.

NOTE: For our install, we are using 3" Elite Series pod lights.
Part Number: BE3EW40W



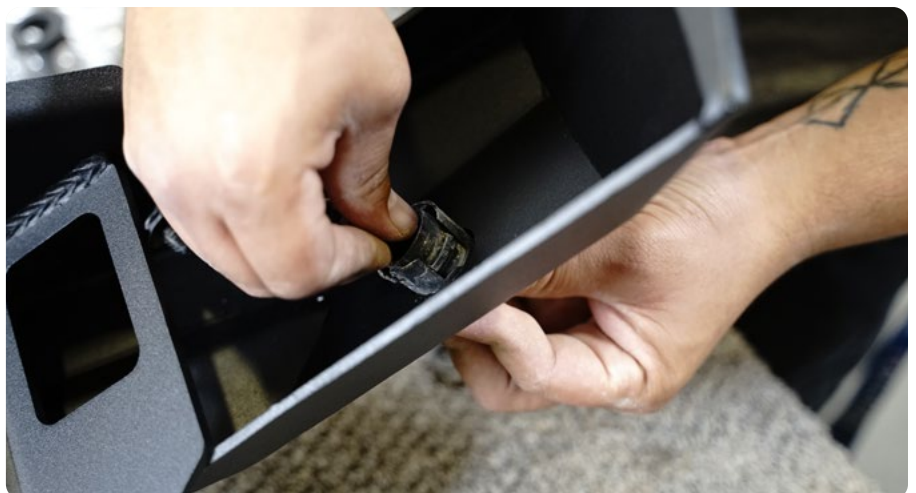
STEP 19 | If you have sensors, install the bezels on the DV8 bumper in the orientation they were removed from the factory bumper.

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 20 | Install the sensors into their respective bezels by pressing them gently into the bezel.

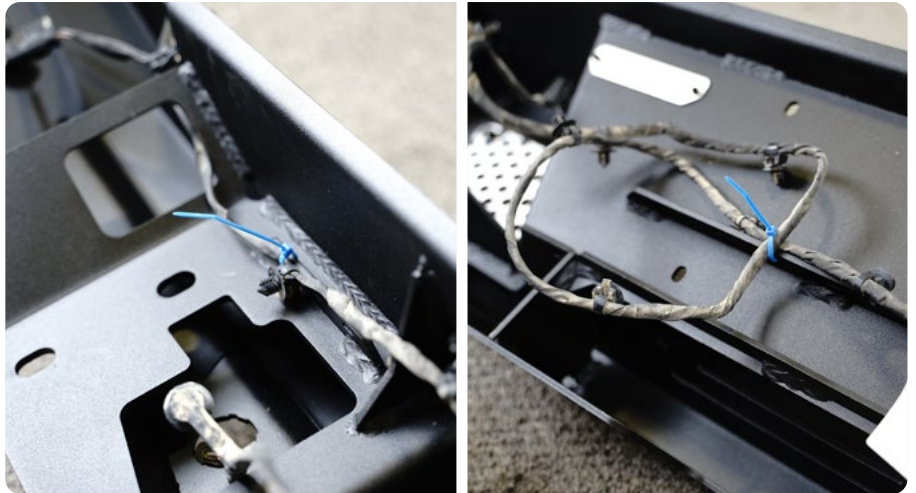
They should "snap" into place.



INSTALLATION MANUAL

STEP 21 | Use zipties to secure the wiring to the bumper for a cleaner install.

This will also ensure the wiring does not become pinched when mounting the bumper.



STEP 22 | Install the license plate using the provided M6 hardware with a 4mm allen bit and 10mm wrench/socket.



STEP 23 | Install the flat nuts onto the upper mounting hole on each side of the bumper.

They may require force to get them into place.



INSTALLATION MANUAL

STEP 24 | With assistance, lift the bumper to the vehicle and loosely secure it using the provided M10 hardware.

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



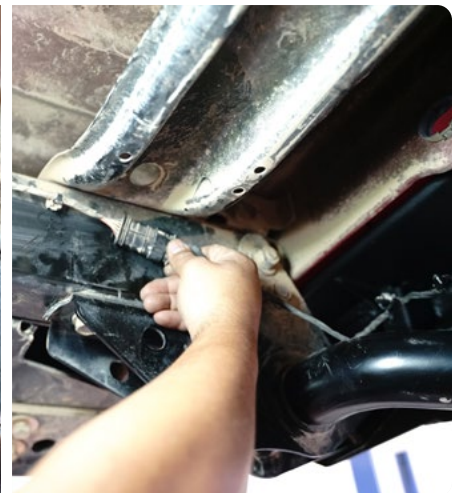
STEP 25 | Use a 16mm and 17mm socket with a 6mm allen bit to secure the hardware holding the bumper to the vehicle.



STEP 26 | Install the connector for the trailer wiring harness located above the crossmember by pressing it into place.

Install the connector for the bumper wiring harness located along the passenger frame rail by pressing it into place.

These should “snap” into place.



INSTALLATION MANUAL

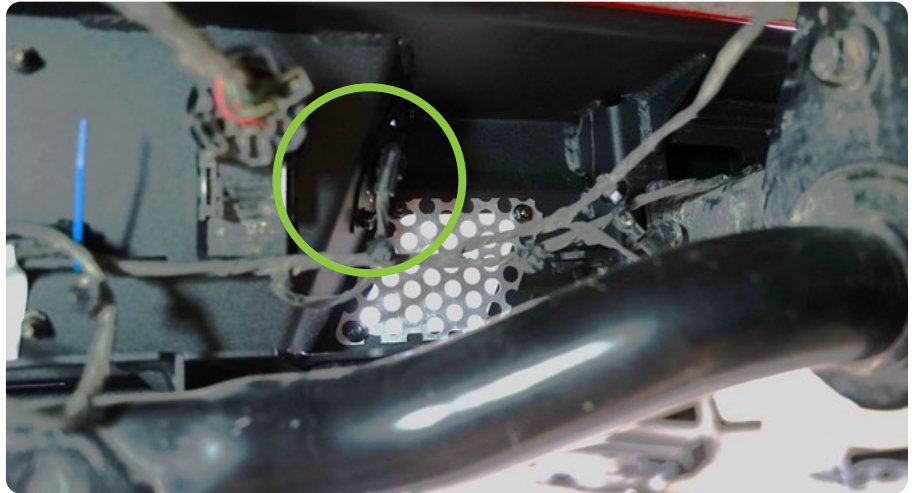
STEP 27 | Install the trailer wiring harness to the trailer harness plug by pressing it into place.

It should “snap” into place.



Install the connectors for the license plate lights by pressing them into place.

It should “snap” into place.



STEP 28 | Double check fitment and all hardware is secure.

Congrats! You are finished with the install of the 20+ Jeep JT Gladiator MTO Series Rear Bumper.

