

RAM 2500/3500 SPEC SERIES REAR BUMPER

2019+ RAM 2500/3500
RBDR2-05



TOOLS REQUIRED

- Zip ties
- Trim Remover Tool
- 10, 15, 16, 18mm sockets/wrenches
- #4 Allen head
- Snips/flathead screwdriver (optional)
- Double sided tape

SKILL LEVEL

- Novice/Intermediate
 - 1 (you) to 2 persons
- Little skill level required, you can easily install it by yourself however, additional help will be useful

TIME REQUIRED

- 4 Hours
- Time to install this should only take about an four 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

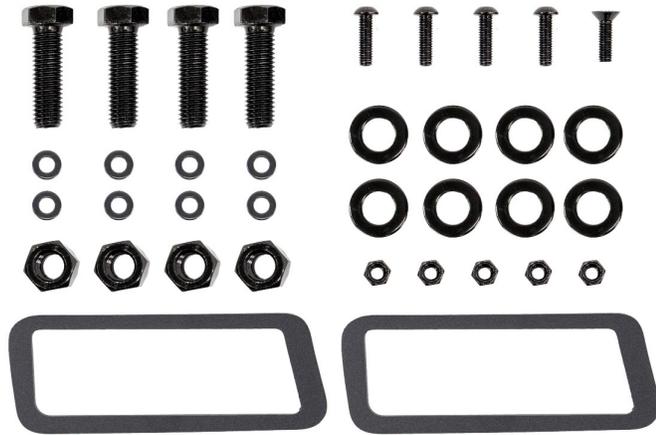


INSTALLATION MANUAL

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

- (4) M12x40 He Bolt
- (4) M12 Nuts
- (8) M12 Flat Washers
- (1) M6x20 Taper Head Bolt
- (4) M6x20 Allen Head Bolts
- (5) M6 Nylock Nuts
- (8) M6 Washers

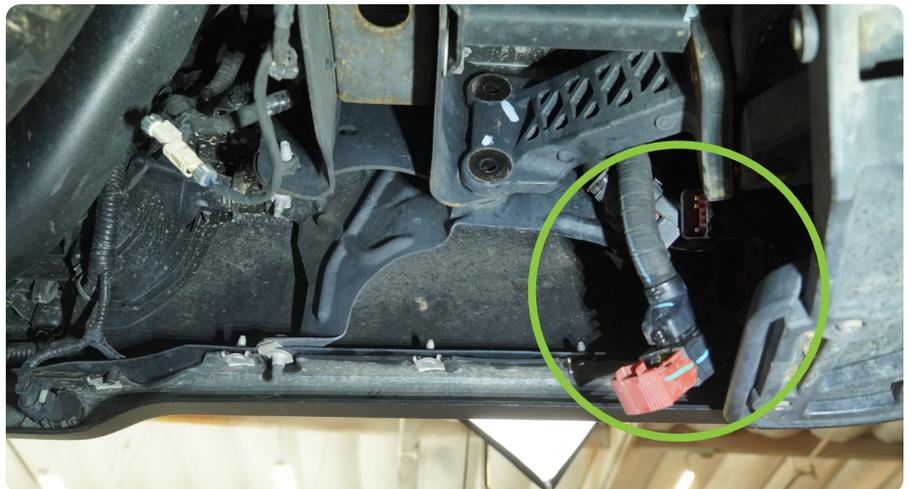


STEP 1 | To begin removing the bumper, unplug all wiring to the sensors, lights and tow plug.

Start by removing the railer plug wiring connector.



STEP 2 | Remove the large connector for the rear bumper. This is held on by a push pin. Flip up the latch, and the plug should disconnect itself.



INSTALLATION MANUAL

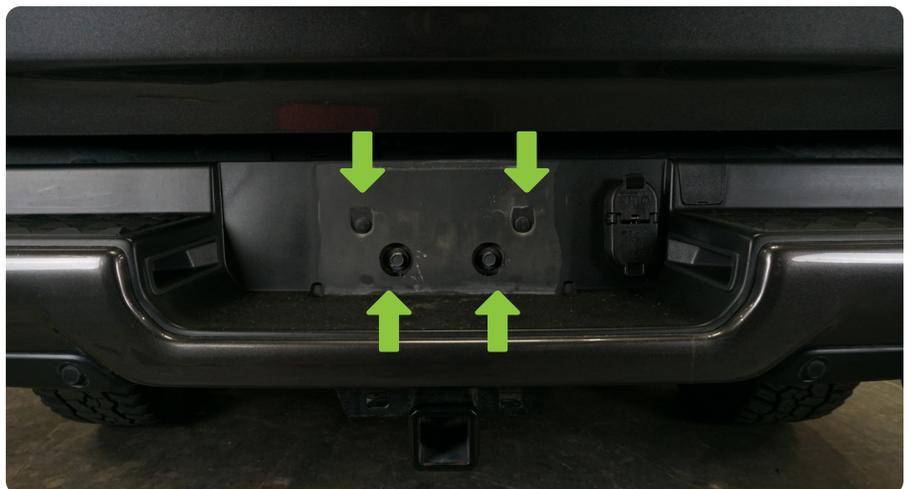


STEP 3 | Prior to bumper removal, please note the DV8 Spec Series will not work with any OEM or aftermarket side step. This will need to be removed prior to install.



STEP 4 | Remove the license plate to expose the two 15mm bolts. Using a 15mm socket, remove the bolts.

Using a trim tool, remove the two push pins.



INSTALLATION MANUAL



STEP 5 | Using a 16mm socket or wrench, remove the (4) nuts (2 per side) directly left and right of the main hitch tube to release the bumper.

Please Note: Once nuts are removed, bumper will be loose. Use caution to prevent injury or damage to truck/bumper.



STEP 6 | Once bumper is removed, place on soft surface to prevent damage.

Begin by removing your wire harness from the bumper.

Using a push pin tool, release all the push pins located along the backside of the bumper.





STEP 7 | Once the wire harness is free from the bumper, disconnect the two license plate lights by depressing the tab on the plug and pulling away from the light.



STEP 8 | Next, remove the sensors (if equipped).

Do not unplug the sensors, rather, gently spread the two clips on each side of the sensor and pull the sensor back away from the bumper with the harness attached.

The full wire harness should be free and set aside.





STEP 9 | Remove the trailer plug.
Using a flat head or trim clip tool, press in both sides of the metal retaining clip and push the plug out towards the front of the bumper.



INSTALLATION MANUAL

STEP 10 | Using a 10mm socket or wrench, remove both license plate lights from the bumper.



STEP 11 | Begin by laying your new DV8 bumper face down on a soft surface to prevent damage. Drape the wire harness so that the sensor location roughly align with the sensors on the truck (if equipped).

Note: Ensure wire harness orientation is the same as factory.



STEP 12 | Feed the wiring harness through the cavities of the bumper until sensors and light plugs align with their new holes.

Do not run wiring over the mounting holes (green arrow).



INSTALLATION MANUAL

STEP 13 |

Note: There is a year split for license plate lights. If your license plate lights are too small and fall through the hole in the bumper, use the provided trim plate as shown around the light and then install the light.

Install the factory license plate lights by feeding them through the face of the bumper. Using the factory bolt and a 10mm socket/wrench, secure light.

Plug light into harness.



STEP 14 |

Continue feeding the harness into place. If truck is equipped with sensors, remove the factory bezels (some trim models). Place factory bezels into corresponding holes onto new bumper. Push in sensors from the backside until they click into place.

If bumper is not equipped with removable factory sensor bezels, use DV8 part# MPRSNSR-01.





STEP 15 | Install trailer wiring plug from the front side of the bumper until it snaps into place. Connect to harness.

If harness has a small flat sensor (key remote sensor) located on the center of the factory bumper, using the provided 3M tape, apply it on the flat area on the backside of the license plate mount.



INSTALLATION MANUAL

STEP 16 | Secure wiring to bumper using the built-in zip tie tabs.

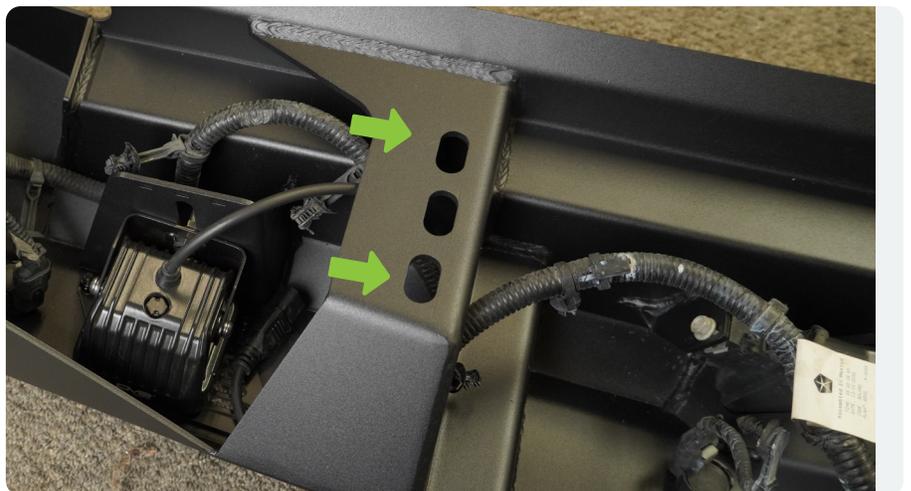


STEP 17 | If you are running pod lights, install them now.

We are using (2) 3" DV8 Elite pod lights.



STEP 18 | Gather your M12 hardware (bolt, washers, lock nuts) to install bumper.



INSTALLATION MANUAL

STEP 19 | With assistance to prevent injury or damage to the vehicle, lift the bumper to the truck and using the provided M12 hardware (bolt, flat washers and nylon lock nuts), loosely secure the bumper to the vehicle.

Note: Careful with the harness as not to pinch it to the body or frame.

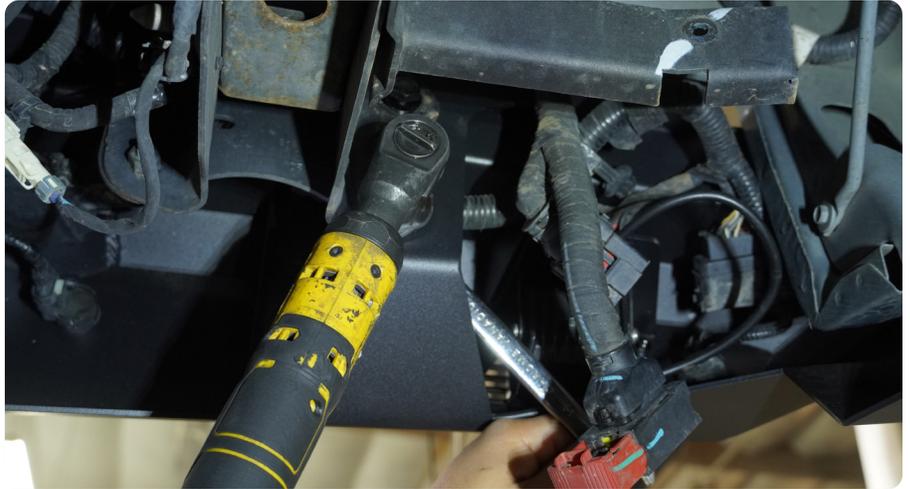


STEP 20 | Loosely Install stud, washers, and nut to vehicle, making sure the bumper is even to the vehicle.



INSTALLATION MANUAL

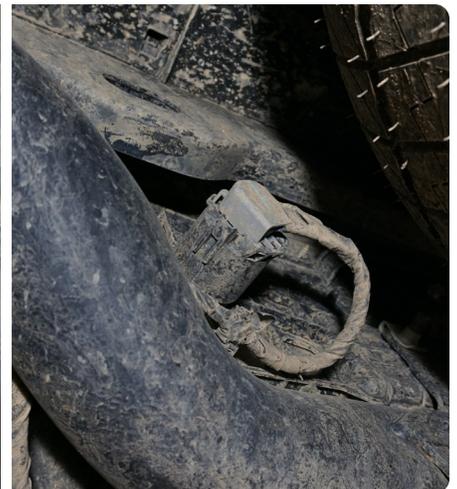
STEP 21 | Adjust the bumper side to side and up and down. Once in the desired location, using a 18mm socket, secure hardware.



STEP 22 | Slowly open tailgate to ensure it clears the bumper and does not make contact.



STEP 23 | Plug in the harness into the factory plugs that were removed in steps 1 & 2.



INSTALLATION MANUAL

STEP 24 | Double check all hardware is secure and all plugs are properly connected.

Congratulations, you are done with your install of the DV8 Ram 2500/3500 Spec Series Rear Bumper!

