

## RAM 1500 SPEC SERIES REAR BUMPER

2019+ RAM 1500

RBDR1-03



### TOOLS REQUIRED

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

### 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

- 3.5 Hours
- Time to install this should only take about an 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

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) M12x35mm Bolts
- (4) M12 Flat Washers
- (4) M6x20mm Bolts
- (4) M6 Lock Washers
- (8) M6 Flat Washers
- (4) M12 Flat Nuts
- (4) M12 Lock Washers

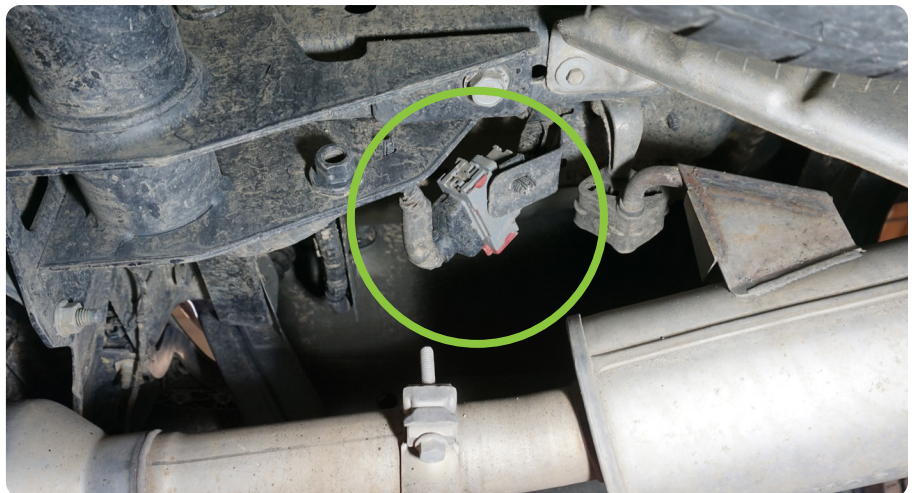


**STEP 1** | To begin removing the bumper, unplug all wiring to the sensors, lights and tow plug.

Start by removing the railer plug wiring connector.



**STEP 2** | Above the exhaust (on a dual exhaust vehicle) 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.



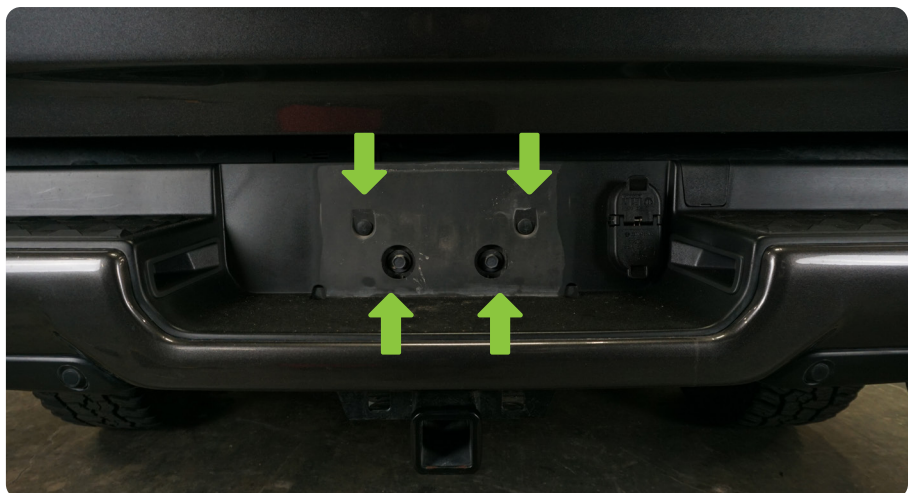


**STEP 3** | Disconnect the wiring from frame releasing a trim clip tool so that the wiring is free.



**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) 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.

The 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 feeding 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

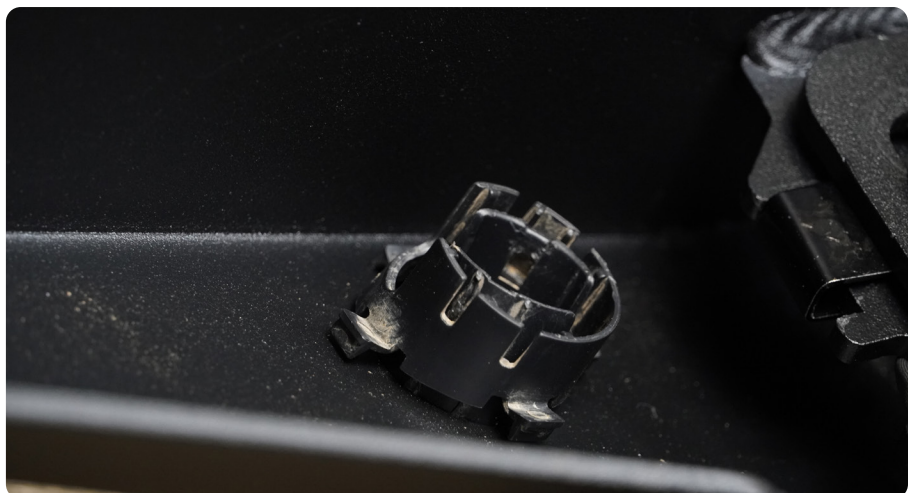
**STEP 12 |** Install the factory license plate lights by feeding them through the face of the bumper. Using the factory bolt and a 10mm socket/wrench, secure light.

Plug light into harness.



**STEP 13 |** 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 14** | 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 15** | Secure wiring to bumper using the built-in zip tie tabs.



**STEP 16** | Take the M12 flat nuts, and slide them in place over the bumper mounting holes.



**STEP 17** | If the vehicle is equipped with dual exit exhaust, remove the two lower panels using a 10mm and #4 Allen bit.



# INSTALLATION MANUAL

**STEP 18** | If running pod lights, install them now.

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



**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 washer and spring washer), loosely secure the bumper to the vehicle.



# INSTALLATION MANUAL

**STEP 20** | Adjust the bumper side to side and up and down. Once in the desired location, using a 18mm socket, secure hardware.



**STEP 21** | Slowly open tailgate to ensure it clears the bumper and does not make contact.



**STEP 22** | Plug in the harness into the factory plugs that were removed in steps 1 & 2.



# INSTALLATION MANUAL

**STEP 23** | Double check all hardware is secure and all plugs are properly connected.

Congratulations, you are done with your install of the DV8 Ram 1500 Spec Series Rear Bumper!

