

## SPEC SERIES REAR BUMPER

20-23 CHEVY/GMC 2500/3500

RBCS2-03



### TOOLS REQUIRED

- 7, 10, 13, 18, 21mm sockets
- 13, 18, 21mm wrenches
- #4 Allen tool
- Trim Removal Tool
- Cutters
- Pick tool
- Safety Glasses
- Zip Ties & Double Sided Tape

### SKILL LEVEL

- Novice/Intermediate
  - 1 (you) to 2 persons
- Medium 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 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

- (10) M6x20 Allen head bolts
- (12) M6 Nylock nuts
- (22) M6 Flat washers
- (2) M6x20 Countersunk bolts
- (4) M12x35 Hex Head bolts
- (4) M12 Nutclips
- (4) M12 Flat washers
- (4) M12 Lock washers



**STEP 1** | Start by removing the license plate off the truck.

Using a 13mm socket, remove the two bolts.



# INSTALLATION MANUAL

**STEP 2 |** On the underside of the vehicle, remove all plugs. This will vary based on model and options.

Unplug the trailer connector socket from the vehicles factory wiring harness by depressing the locking tab on the harness and pulling the plug from the socket.



**STEP 3 |** Unplug the key fob antenna.



**STEP 4 |** Unplug the main bumper harness from the vehicle



## INSTALLATION MANUAL

**STEP 5** | Once bumper is disconnected, using a 13mm socket, remove the two rear cross braces where they attach to the bumper.



**STEP 6** | Using the 13mm deep socket, remove the four main bumper bolts (2 per side).



## INSTALLATION MANUAL

**STEP 7** | With assistance, remove the rear bumper from the truck slowly ensuring all cable connections have been unplugged.



**STEP 8** | Using the 13mm socket, remove the bumper supports from the frame side.



# INSTALLATION MANUAL

**STEP 9** | Place the rear bumper on a soft surface to prevent any damage.

Use a 7mm socket to remove the 2 bolts securing the blind spot sensor housing.

Disconnect the blind spot monitoring sensors.

**TAKE NOTE AS TO THE ORIENTATION OF THE BLIND SPOT MONITORING SENSORS SINCE THEY WILL HAVE TO BE MOUNTED IN THE SAME AS FACTORY**

Use a 7mm socket to remove the bolt securing the sensor to the plastic housing.



# INSTALLATION MANUAL

**STEP 10** | Use a 7mm socket to remove the bolt retaining the license plate light.



**STEP 11** | Remove the spare tire hoist cover by depressing the plastic tabs and pressing the cover through the front of the bumper.



# INSTALLATION MANUAL

**STEP 12** | Remove the 2 modules behind the license plate using pliers to squeeze the retaining clips and pressing the 2 modules out the front of the bumper.

Remove both modules from the plastic bracket used to mount on the factory bumper.



# INSTALLATION MANUAL

**STEP 13** | Remove the parking sensors from the bumper bezels by spreading the bezel tabs apart and pulling up on the sensor. *Use caution since these tabs can easily break.*

Keep the sensor plugged into the harness so that sensor do not get lost of mixed up.



**STEP 14** | Remove the sensor bezel by depressing the bezels locking tabs and pressing the bezel out through the front of the bumper.

Keep the sensor bezel in order as they will need to be installed in the same position on the new bumper as the factory.



# INSTALLATION MANUAL

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**STEP 15** | Remove the main wiring harness from the OEM bumper using a push pin removal tool.

Layout all removed parts to be installed on you new DV8 offroad bumper.

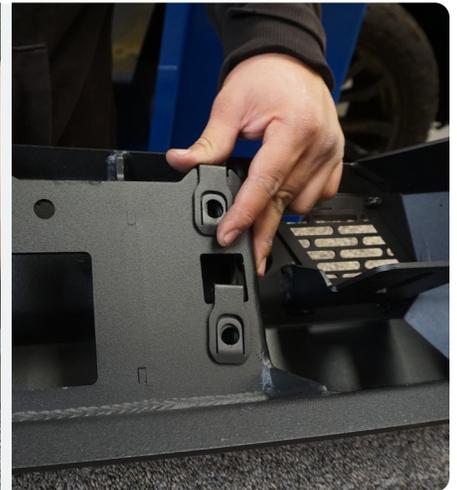


# INSTALLATION MANUAL

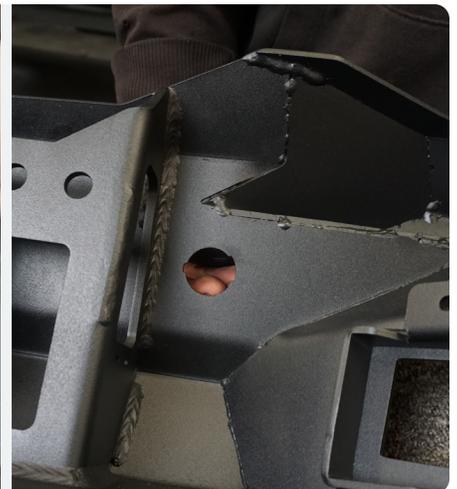
**STEP 16** | With the DV8 bumper on a soft surface, lay it face down to begin the build out.



**STEP 17** | With the new DV8 rear bumper on a work bench start by installing provided nut clips onto the bumper ( 2 per side).



**STEP 18** | If your vehicle is equipped with parking sensors, remove the parking sensor plugs from the DV8 bumper.

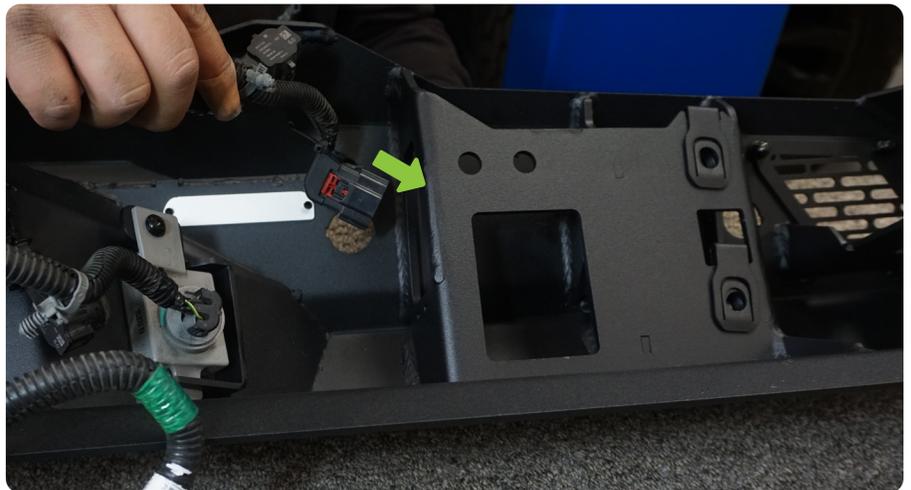


# INSTALLATION MANUAL

**STEP 19** | Install the factory license plate lights using the provided M6 hardware an #4 Allen tool and 10mm wrench.



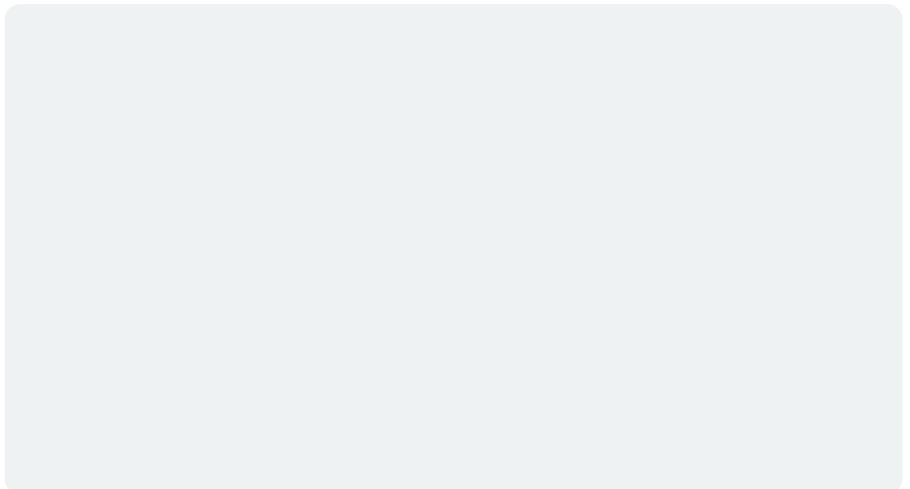
**STEP 20** | Feed the factory main wiring harness through the bumper mounting brackets.



# INSTALLATION MANUAL

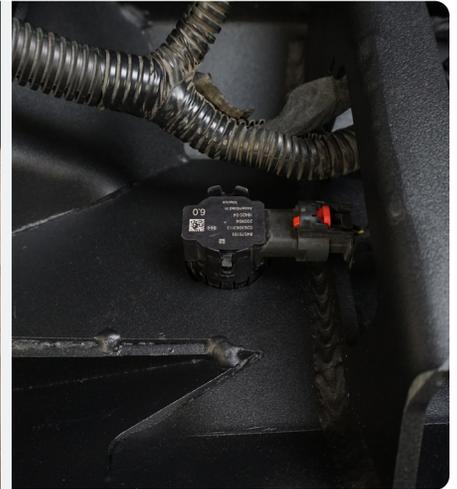
**STEP 21** | Use a pair of cutters to trim down the sensor bezel locking clip on each side of the bezel.

*Note: Sensor bezel locking clip must be cut to allow the bezel to seat properly as the thickness of the DV8 bumper is thicker than factory.*



# INSTALLATION MANUAL

**STEP 22** | Install the *parking sensors* in the same position they were removed from by pressing the sensors in to the bezels until they are fully clicked in.

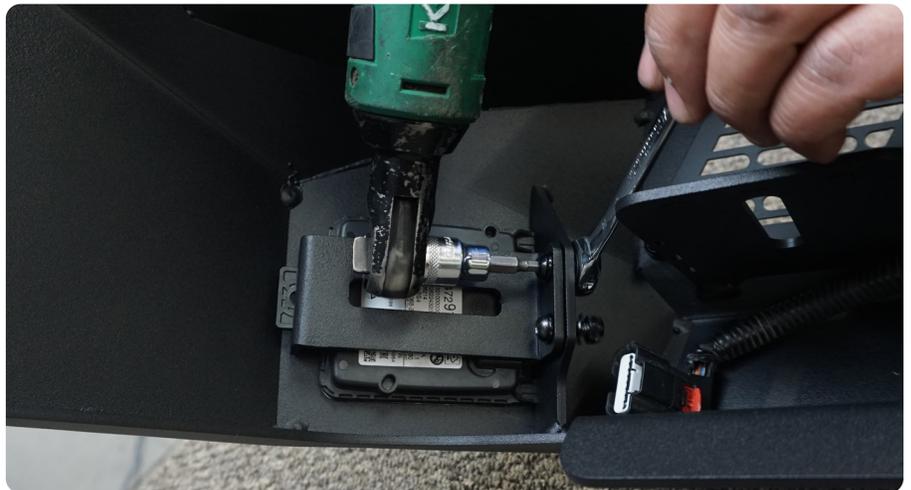


**STEP 23** | If the vehicle is equipped with blind spot monitoring sensors, remove the mesh "L" bracket using a #4 Allen tool and 10mm wrench.

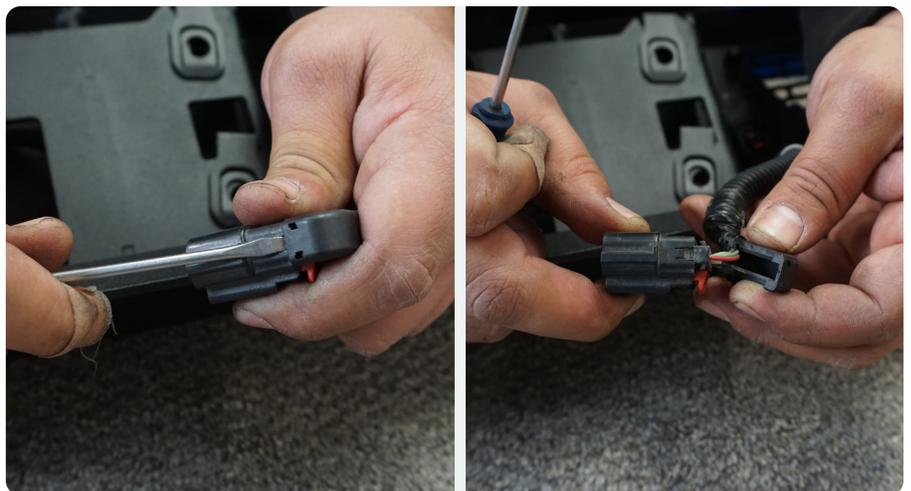


# INSTALLATION MANUAL

**STEP 24** | Install the blind spot monitoring sensors in the same orientation they were removed from factory bumper using the provided mounting bracket, an #4 Allen tool, 10mm wrench and the M6 hardware previously removed on step 21.



**STEP 25** | Remove the 90 degree cable guide from the blind spot monitor wiring harness connector using a pick or small flathead screw driver to pry the cable guide off.

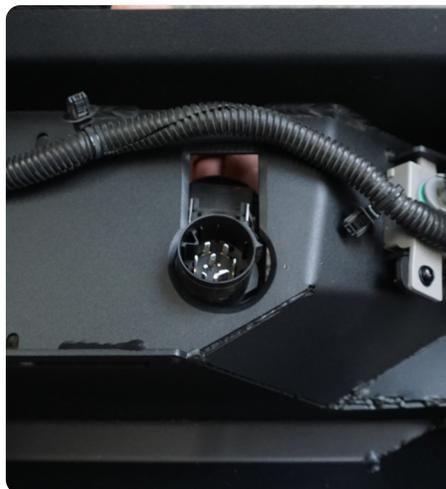
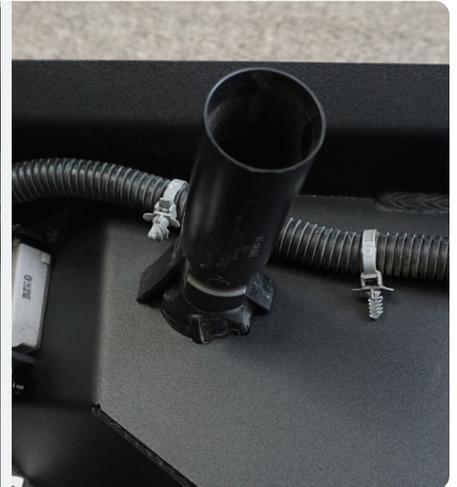


# INSTALLATION MANUAL

**STEP 26** | Reconnect the blind spot monitors.



**STEP 27** | Install the trailer hoist cover and trailer connector socket into the bumper by pressing each through the front of the bumper until each one is fully clicked in.



# INSTALLATION MANUAL

**STEP 28** | Install the 2 modules previously removed from behind the license plate onto the DV8 rear bumper using the provided counter sunk M6 hardware, an #4 Allen and a 10mm wrench.

Use the provided double sided tape to attach the second module.

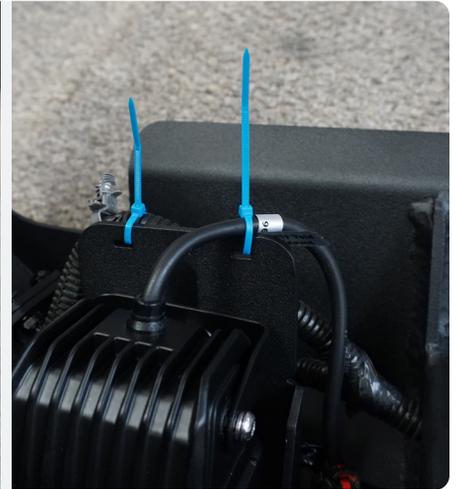
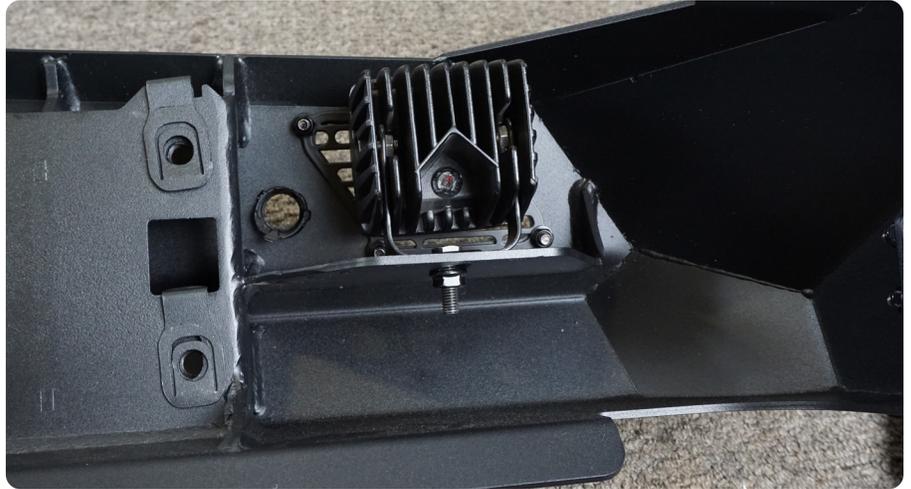


# INSTALLATION MANUAL

**STEP 29** | If planning to run pod lights install them now using the hardware that comes with the lights.

Use the zip tie tabs to secure any loose wiring.

For this install we chose DV8 3-inch Elite Series LED Pod lights.



# INSTALLATION MANUAL

**STEP 30** | With assistance, lift the bumper onto the truck.



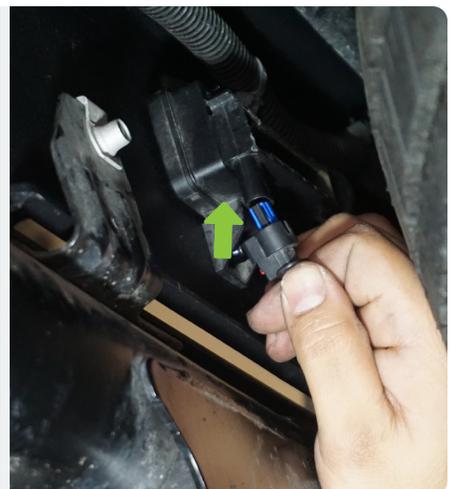
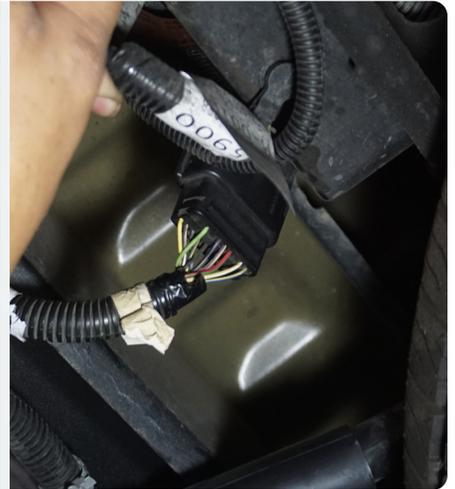
**STEP 31** | Using a 17mm socket and the M12 hex head bolts provided, secure the bumper to the vehicle.

Ensure the bumper is center side to side.





**STEP 32** | Reconnect the trailer connector harness, main harness and the 2 additional modules behind the license plate.



# INSTALLATION MANUAL

**STEP 33** | Take the spare tire cover/tube from the original bumper and press into place on the new bumper.



**STEP 34** | Double check all hardware is secure and all harnesses are plugged in prior to turning on the vehicle.

Congratulations, you are finished with the install of the Chevy/GMC Spec Series rear bumper!

