

## SPEC SERIES REAR BUMPER

2024+ TOYOTA TACOMA

RBTT1-08



### TOOLS REQUIRED

- #4 Allen Tool
- 10mm, 12mm, 16mm, 18mm, 19mm sockets
- Adjustable wrench
- Trim Tool
- Spray Paint
- 3M double sided tape (heavy duty)
- Safety Glasses
- Zip ties

### SKILL LEVEL

- 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

- 4.5 Hours
- Time to install this should only take about four and 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

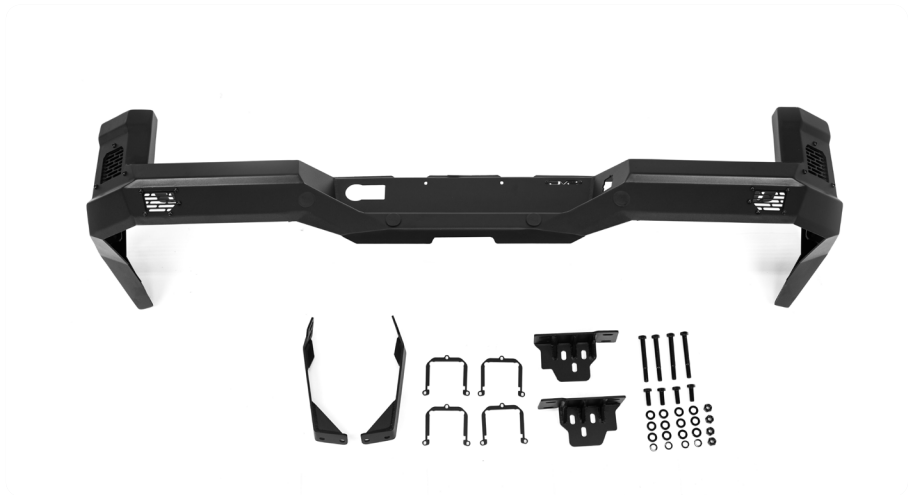


# INSTALLATION MANUAL

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) M6x20 Allen Head Bolts |
| (4) M12x110mm Bolts   | (4) M6 Nylock Nuts         |
| (4) M12 Lock Washers  | (8) M6 Flat Washers        |
| (12) M12 Flat Washers |                            |
| (4) M12 Nylock Nuts   |                            |
| (6) M10x30mm Bolts    |                            |
| (6) M10 Flat Washers  |                            |
| (6) M10 Lock Washers  |                            |
| (6) M10 Nut Clips     |                            |

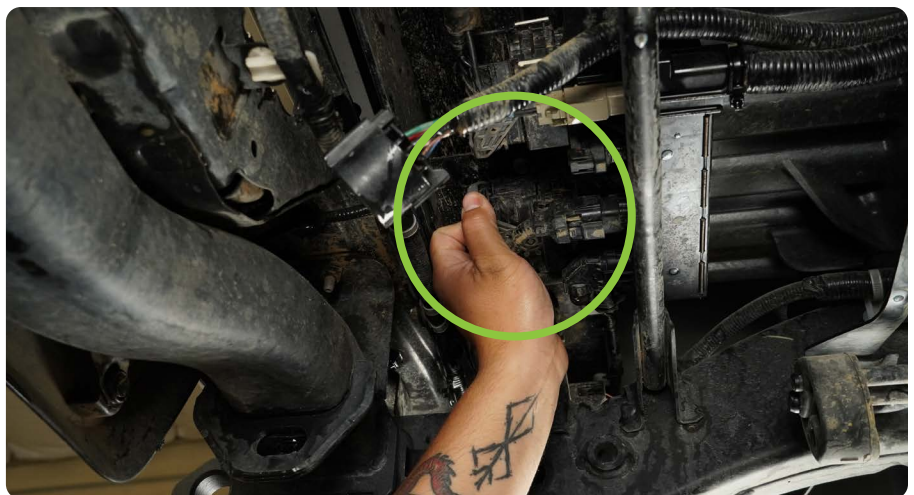


**STEP 1 |** Begin by unplugging the 7-pin tow harness (if equipped) and the main bumper harness.

There are two large rectangle connectors with a gray release lever. The main connector is the one located towards the centerline of the vehicle.

There are many wire connectors towards the rear of the truck, only connect the two shown.

**Note:** Once connected avoid turning on the vehicle and/or opening any doors if possible to avoid temporary dash warnings.



## INSTALLATION MANUAL

**STEP 2 |** To disassemble the bumper, using a push pin pry tool will help.

One on each side of the hitch, remove the single push pins.



**STEP 3 |** Moving to the sides, using a 12mm socket, remove the bolts holding the side support brackets to the frame.





## INSTALLATION MANUAL

**STEP 4** | Remove the license plate (hardware and tool will vary). Using a push pin tool, remove the hidden push pin.

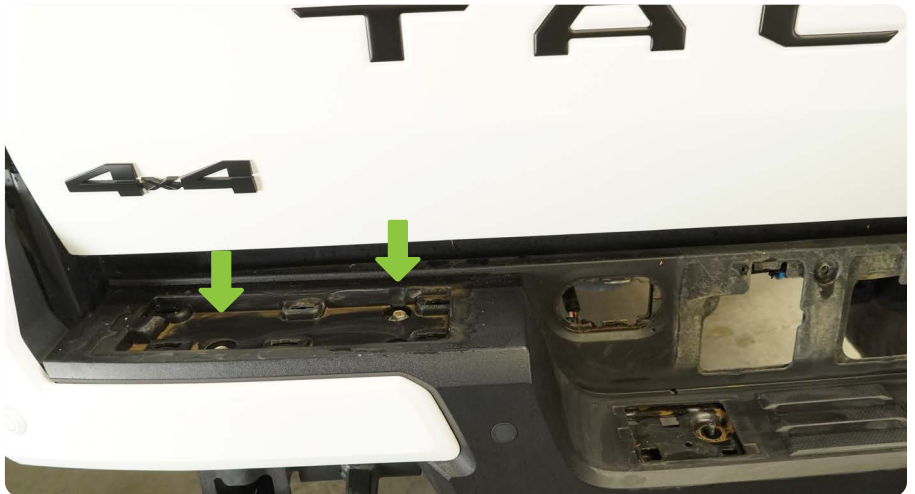


**STEP 5** | Using a pry tool, remove the (4) top panels along the top of the bumper. Take your time since these can be difficult.



## INSTALLATION MANUAL

**STEP 6** | Remove the (6) 12mm bolts hidden under those panels.



**STEP 7** | Once the bolts are removed, you should be able to lift the bumper out of the way.

*Note: An extra set of hands is useful to watch for wire harness ties or any missed harness clips.*



## INSTALLATION MANUAL

**STEP 8 |** Once the bumper is removed, above the hitch are two small tabs with threads. Using a pair of pliers, bend these back and fourth until the weld breaks.

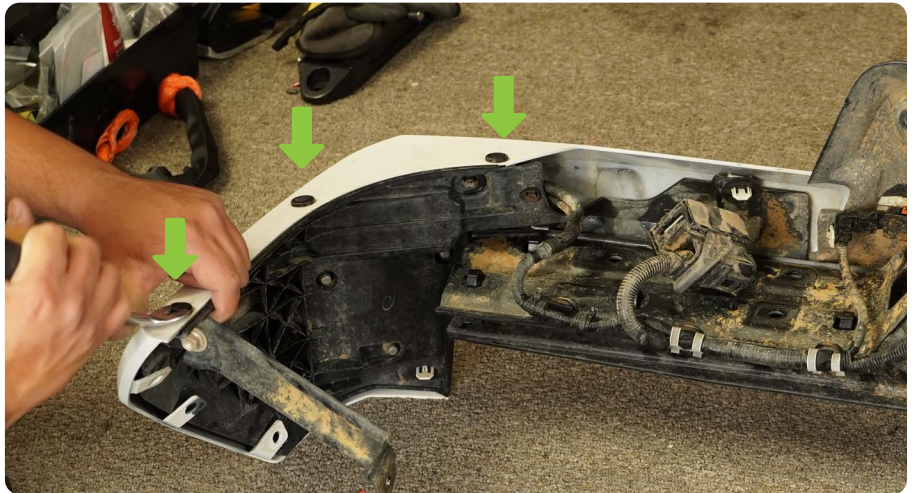
*Note: With the weld breaking, there will be exposed metal, ensure to paint this exposed metal to avoid any possibility of rusting.*



**STEP 9 |** Moving to the bumper, using the push pin pry tool, remove the outside caps of the bumper. These will need to be removed to access the blind spot sensors and harness.

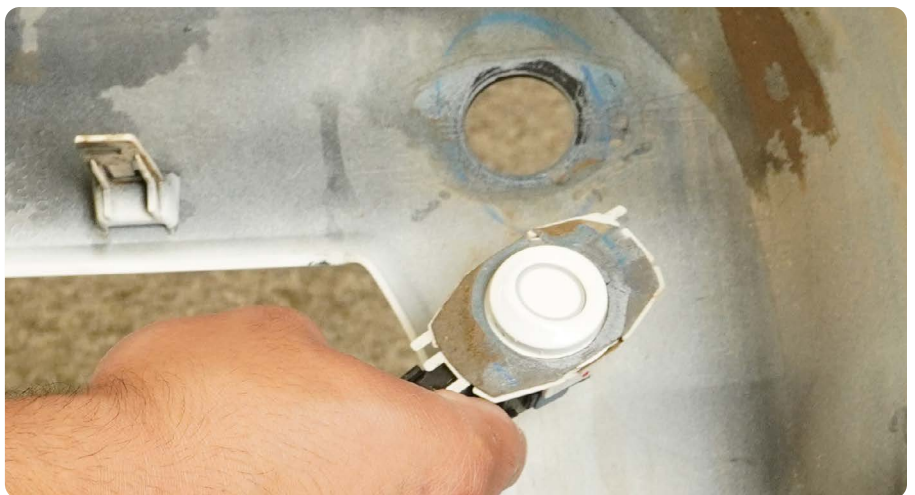






**STEP 10** | With the clips removed and the cap loose, gently pry off the sensor AND sensor bezel from the inside of the cap.

Be careful to not break the bezel.





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**STEP 11** | Prior to taking off the harness and blind spot monitors (BSM), using tape or something similar, label each side identifying passenger and driver BSM.

Plugging in the incorrect side into the harness (if you decide to unplug from harness) can result in damage.



**STEP 12** | Using a 10mm socket, remove the BSM from the bumper. Avoid unplugging from harness.



**STEP 13** | Using the push pin pry tool, remove the harness from the bumper.



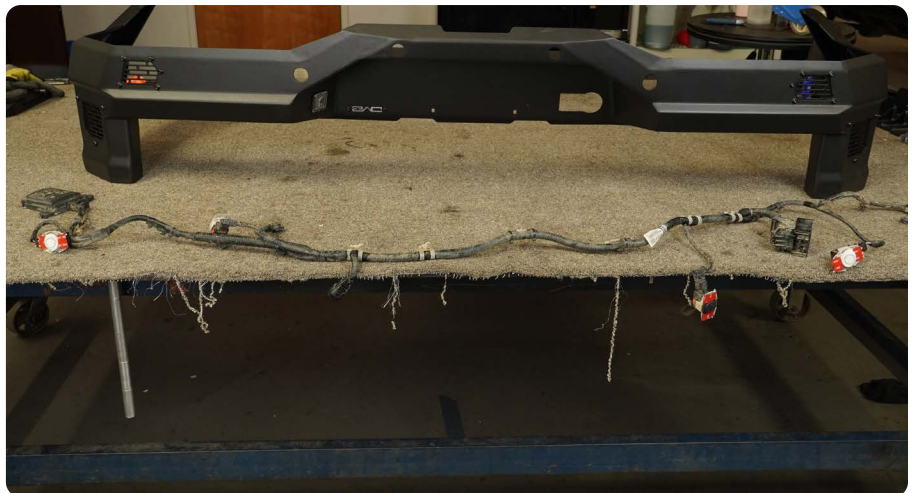


## INSTALLATION MANUAL

**STEP 14** | Remove the license plate light from the rear bumper, and reinstall it into the new DV8 bumper ensuring the face the same direction.

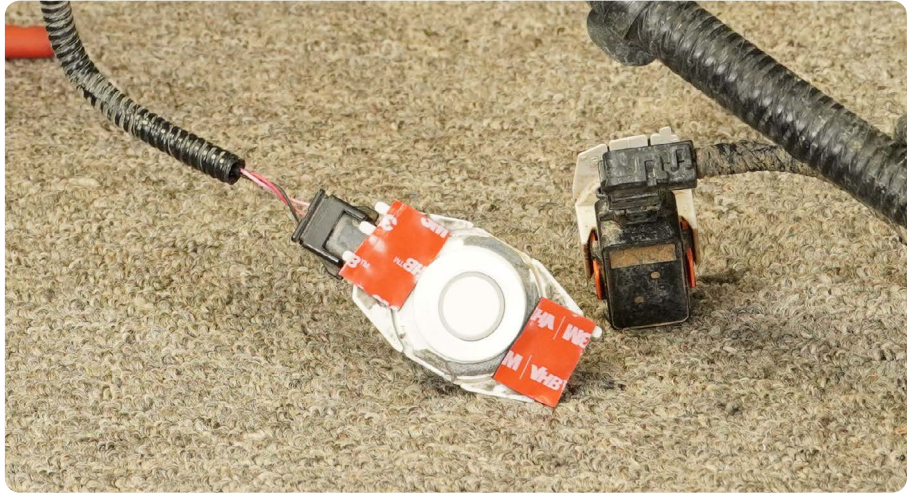


**STEP 15** | Lay out the harness so the sensors line up with the new bumper. We are assembling this bumper upside down for ease since the factory was disassembled upside down as well.



## INSTALLATION MANUAL

**STEP 16** | Using high quality 3M tape, add the tape to the wings of the sensor bezels.



**STEP 17** | Before installing the harness/sensors, install the (6) M10 nut clips onto the bumper main mounts.





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**STEP 18** | Using a pick tool, remove the small plastic wire guides near the plugs of each BSM sensor.



**STEP 19** | For this install, we Plasti dipped the sensor lightly to cover the white lettering.



## INSTALLATION MANUAL

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**STEP 20** | If equipped with the BSM system, remove the two outside Spec mesh using a #4 allen head and 10mm deep socket/wrench. Keep the hardware since this will be reused to mount the sensors.



**STEP 21** | Using the provided BSM spacers, (2) per side, mount the BSM using the same hardware holding the mesh.



**STEP 22** | To mount the inner sensors, remove the wired guide near the sensors similar to the BSM sensors.





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**STEP 23** | Install the sensors into the respective locations with the preinstalled 3M tape.



**STEP 24** | Once all sensors are in place, using the provided zip tie tabs, secure the harness to the bumper so it does not get pinched during install.

Ensure to leave the main plug loose.

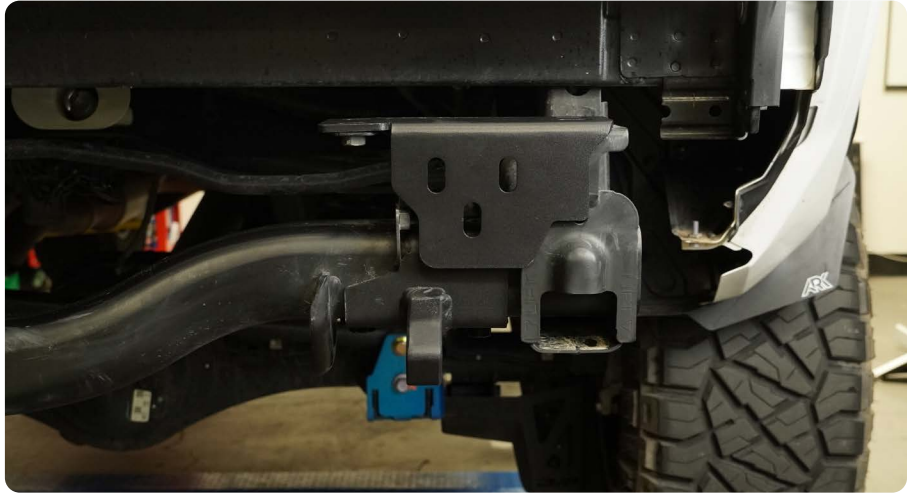


**STEP 25** | **Optional:** Install 3" lights onto the bumper using the hardware provided with the light.



## INSTALLATION MANUAL

**STEP 26** | Using the factory hardware, take the two bumper mounts, and mount them to the vehicle. Keep the mounts loose enough to allow for some movement for adjustment.



**STEP 27** | With assistance, place the bumper onto the truck mounts. Using the provided M10 hardware, secure one bolt into place to hold the bumper to the mounts.





## INSTALLATION MANUAL

**STEP 28** | With the bumper mounted, side the bumper left and right to get the correct side to side adjustment on the bumper brackets (up and down can be done later).

Once side to side is found, carefully remove the bumper.



**STEP 29** | With the bumper removed, tighten the mount bolts until secure using a 12mm socket/wrench.



**STEP 30** | Reinstall the bumper, and loosely secure using the provided (6) M10 bolts and a 16mm socket.

Adjust the up and down of the bumper. Ensure not to hit the tail lights.

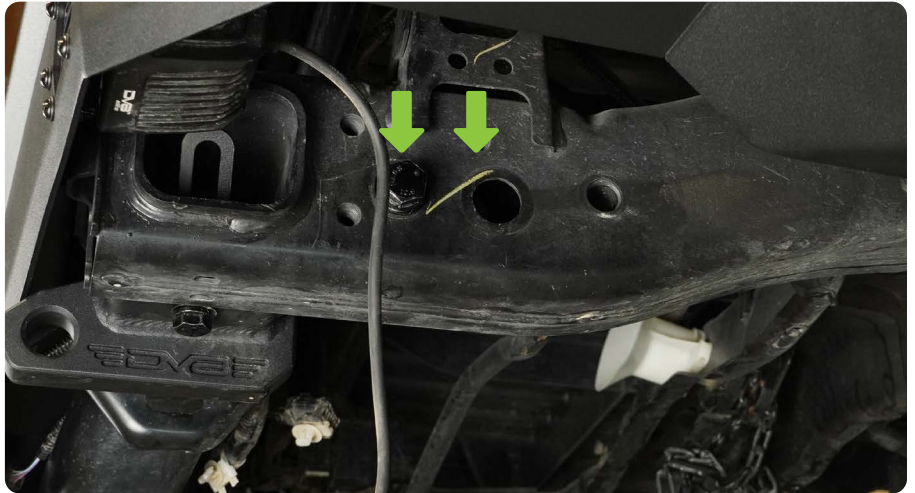


## INSTALLATION MANUAL

**STEP 31** | Using the provided short M12 bolts, loosely secure the side support to the bumper brackets.



**STEP 32** | Using the provided long (4) M12 bolts and nuts, secure the side support brackets to the frame.



**STEP 33** | Using a 18 and 19mm sockets, tighten the frame bolts and the bumper bolts to secure the support brackets in place.



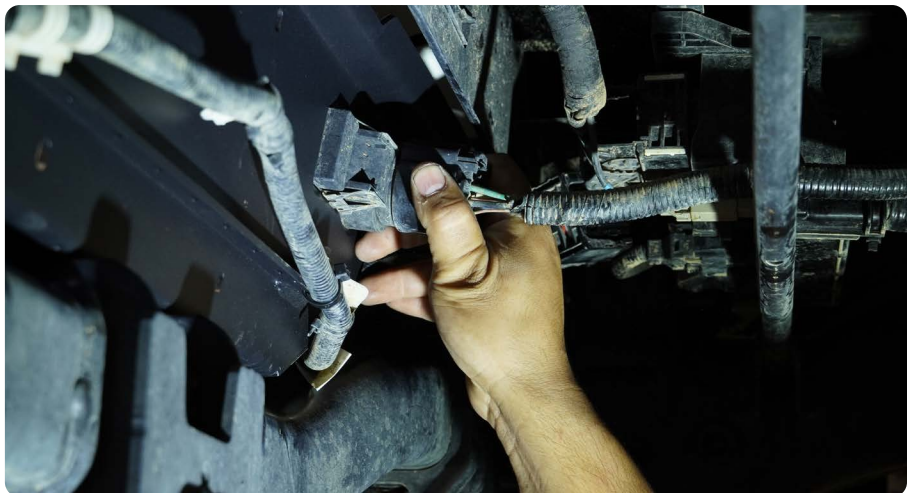




**STEP 34** | Remove the 7-pin plug from the factory bumper and reinstall into the new DV8 bumper.



**STEP 35** | Moving to the back of the bumper, replug the 7-pin connector and the main plug harness to the truck. Ensure all sensors and license plate light are reconnected firmly before turning on the truck.





**STEP 36** | Double check all hardware is secure.

Congratulations, you are finished with the install of the DV8 Spec Series Tacoma Rear Bumper.

