



# INSTALLATION GUIDE

## 2024/CHEVY-GMC 2500 & 3500

### PHANTOM REAR BUMPER

R820191280103



#### TOOLS REQUIRED

(Sockets) 7/16, 13/16, 3/4, 7mm, 8mm, 13mm, 18mm

(Wrenches) 7/16, 13/16, 3/4, 7mm, 13mm, 18mm

(Allen wrenches) 5/32

Fastener remover or flathead screwdriver

Zip ties

Ratchet



#### TIME REQUIRED

- 2 hours for OEM Removal/Bumper Install

-1 Additional Hour to Wire Lights

*\*\*Labor Rates are based on a vehicle with no pre-existing damage. Wiring labor is based on a standard wiring procedure with light switches installed in an easily accessible location. Custom light triggering or switch mounting location will result in a greater labor charge.\*\**



#### SKILL LEVEL

-Easy/Intermediate

**\*\*This installation requires 2 people for best results\*\***

## **⚠️ WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION ⚠️**

-BEFORE YOU INSTALL THIS KIT-

**Read and understand all instructions,** warnings, cautions, & 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 (480) 671-0820

Addictive desert designs 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. 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

**\*ALWAYS WEAR EYE PROTECTION WHEN OPERATING POWER TOOLS\***

## HARDWARE/PARTS

**A.**



1/4-20 X 3/4" BUTTON HEAD BOLT

QTY: 6

**A1.**



1/4" FLAT WASHER

QTY: 6

**A2.**



1/4-20" NYLON LOCK NUT

QTY: 6

**B.**



1/4 X 3/4" HEX HEAD BLUNT SCREW

QTY: 4

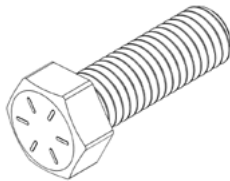
**B1.**



PLASTIC SNAP IN NUT

QTY: 4

**C.**



1/2-13 X 1 1/4" HEX HEAD BOLT

QTY: 4

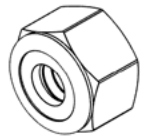
**C1.**



1/2" FLAT WASHER

QTY: 8

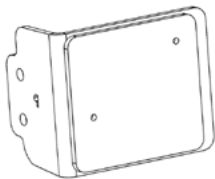
**C2.**



1/2-13" NYLON LOCK NUT

QTY: 4

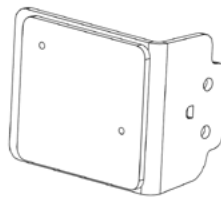
**D.**



BLIND SPOT INSERT (PASSENGER)

QTY: 1

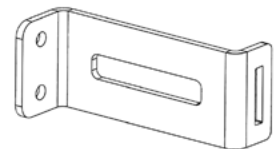
**D1.**



BLIND SPOT INSERT (DRIVER)

QTY: 1

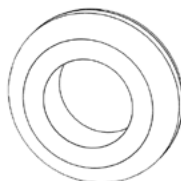
**E.**



BLIND SPOT MOUNTING BRACKET

QTY: 2

**F.**



3/4" RUBBER GROMMET

QTY: 4

**F1.**



7/8" SENSOR PLUG

QTY: 4

## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 1

Unplug the main wire harness located on the passenger side.



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 2

Disconnect the trailer plug. Then, remove the trailer plug from the bumper by squeezing the tabs together on the back side of the plug.

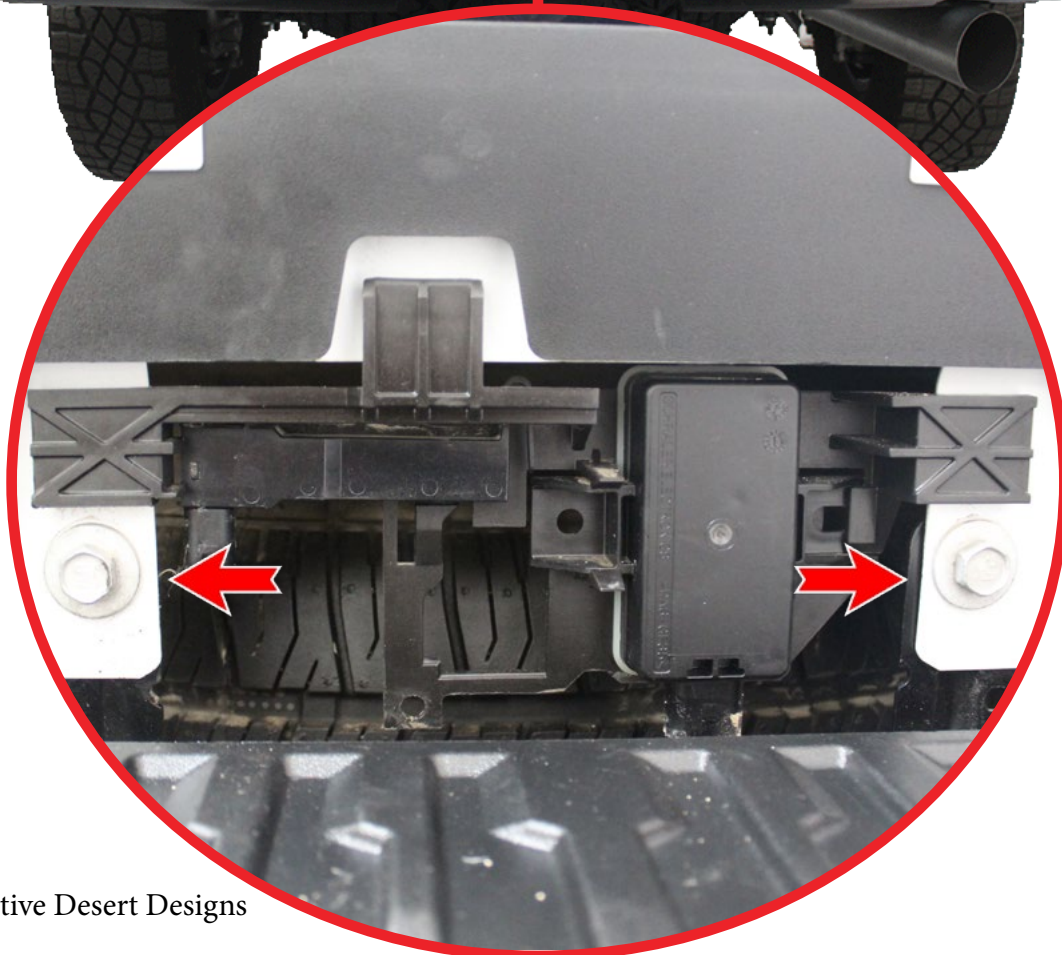


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 3

Using a (13mm socket), remove the 2x bolts located behind the license plate.



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 4

Using a (13mm socket), remove the 2x support bar bolts located under the bumper as shown below.

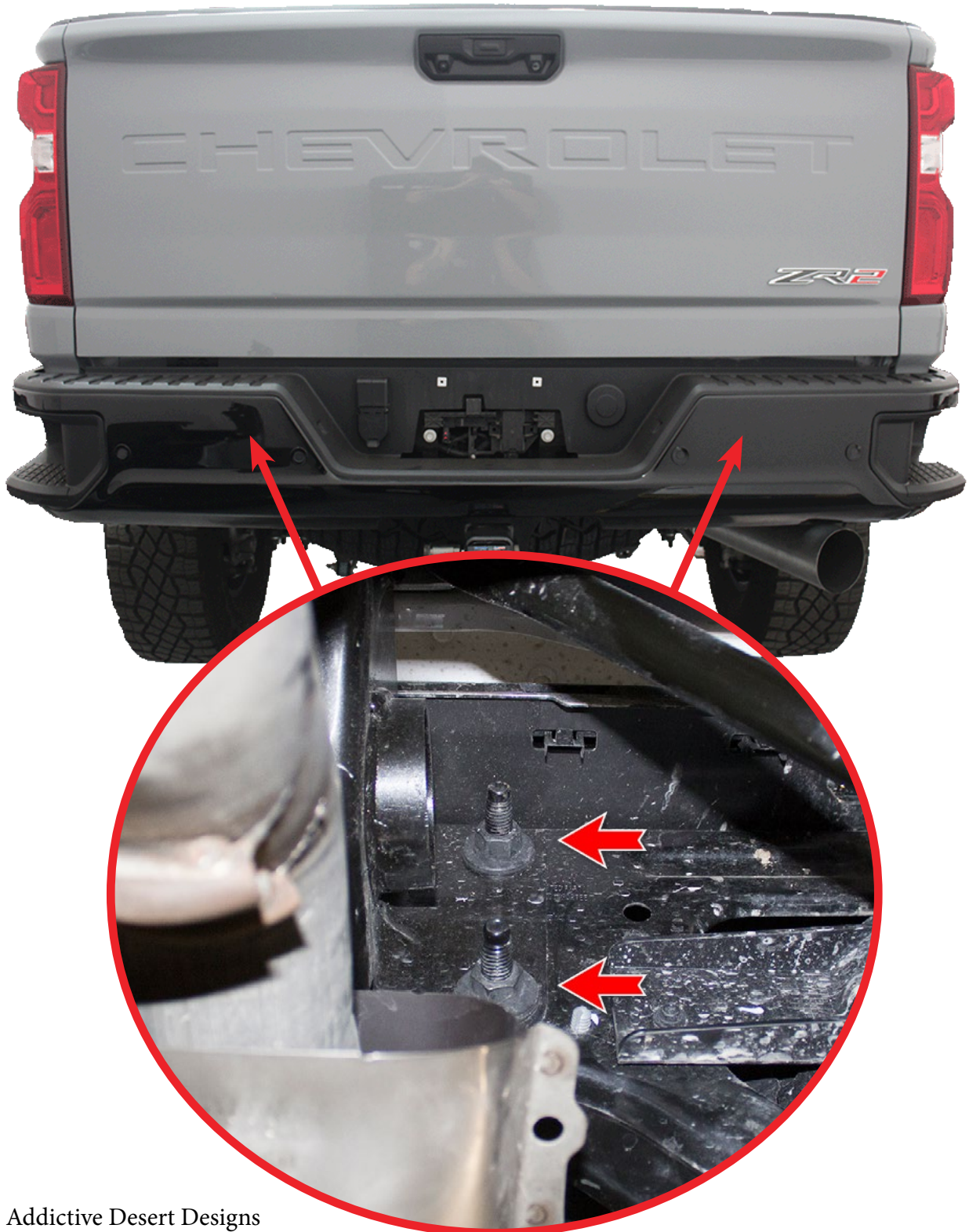


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 5

Using a (18mm socket), remove the 2x mounting bolts per side that hold the OEM bumper. You can now remove the OEM bumper.



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 6

Using a (13/16 socket), remove the 2x top support bar bolts.



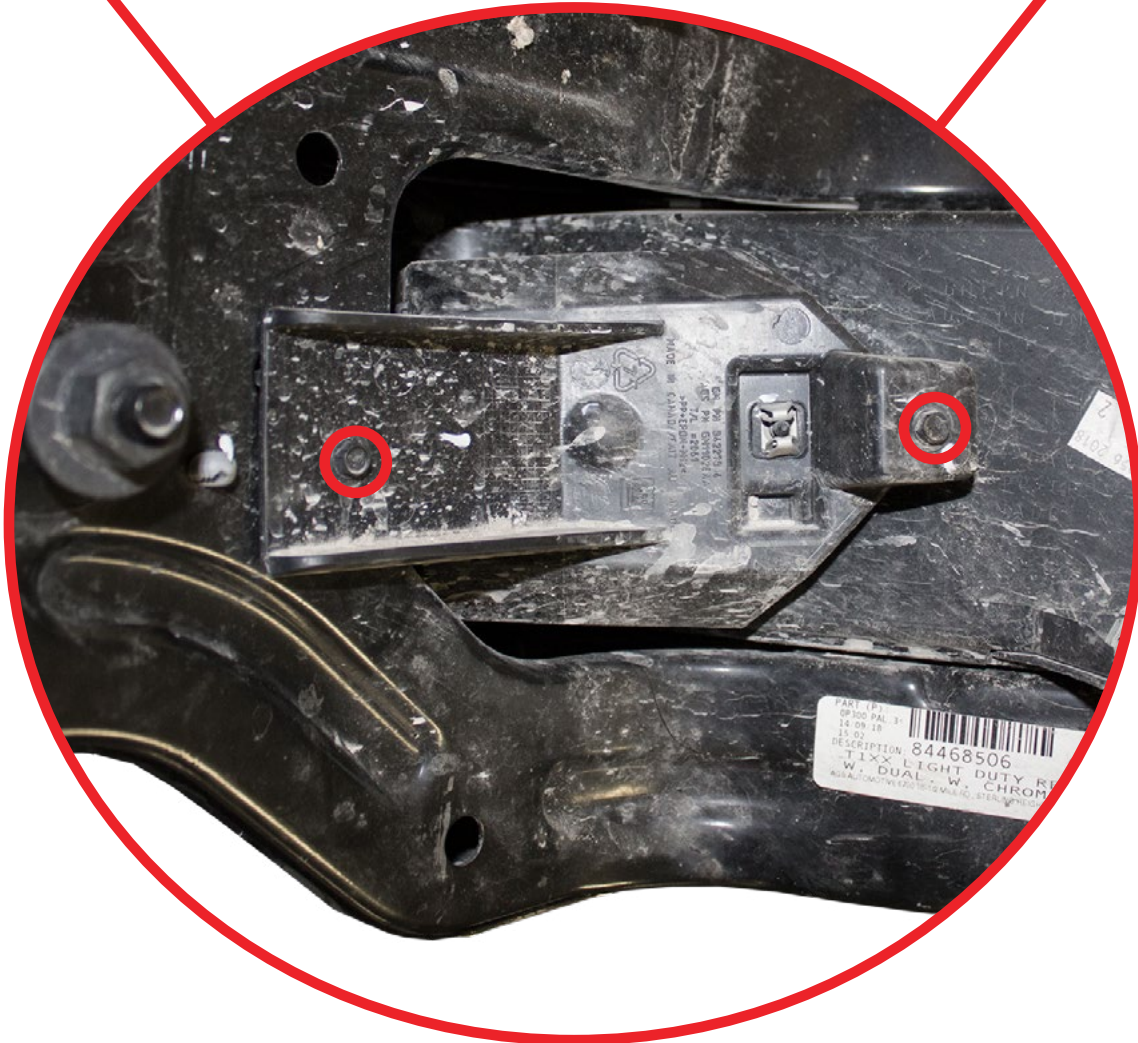
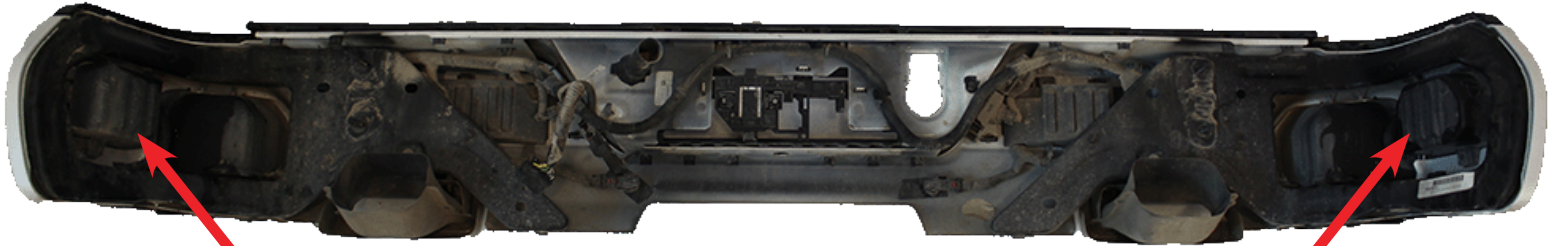


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 7

Using a (7mm socket), remove the 2x (per side) blind spot module cover bolts located on each side of the bumper. *(If you do not have blind spot sensors, skip this step)*

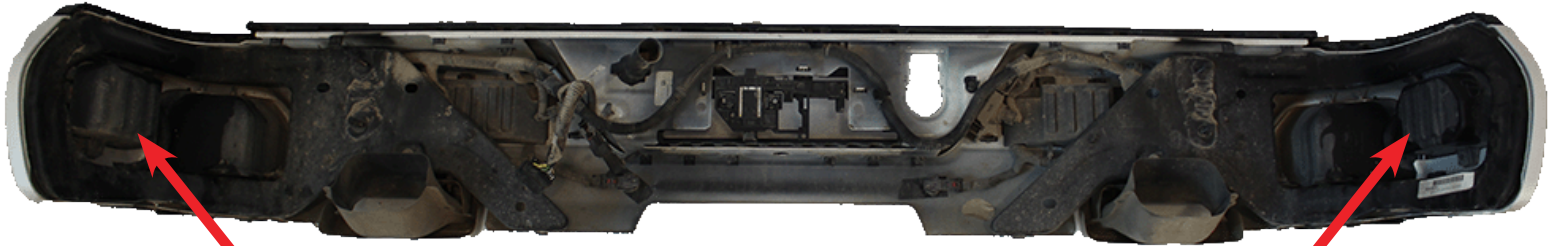


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 8

Using a (7mm socket), remove the blind spot module bolts. (If you do not have blind spot sensors, skip this step)

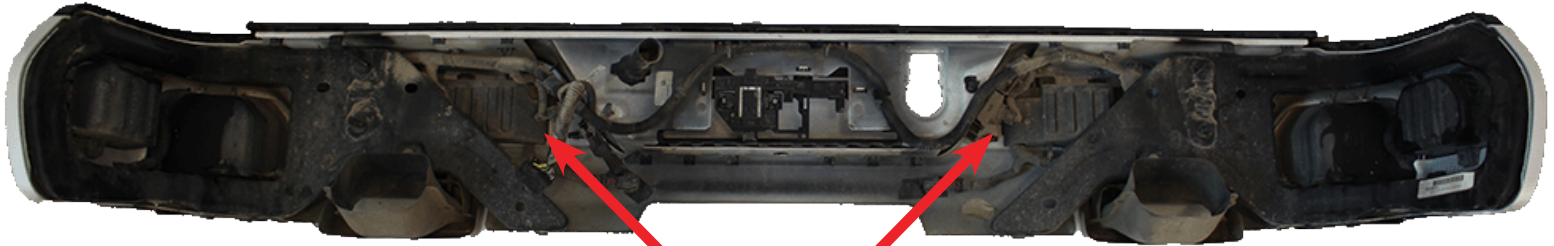


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 9

Using a (7mm socket), Remove the 1x (per side) license plate light bolt.

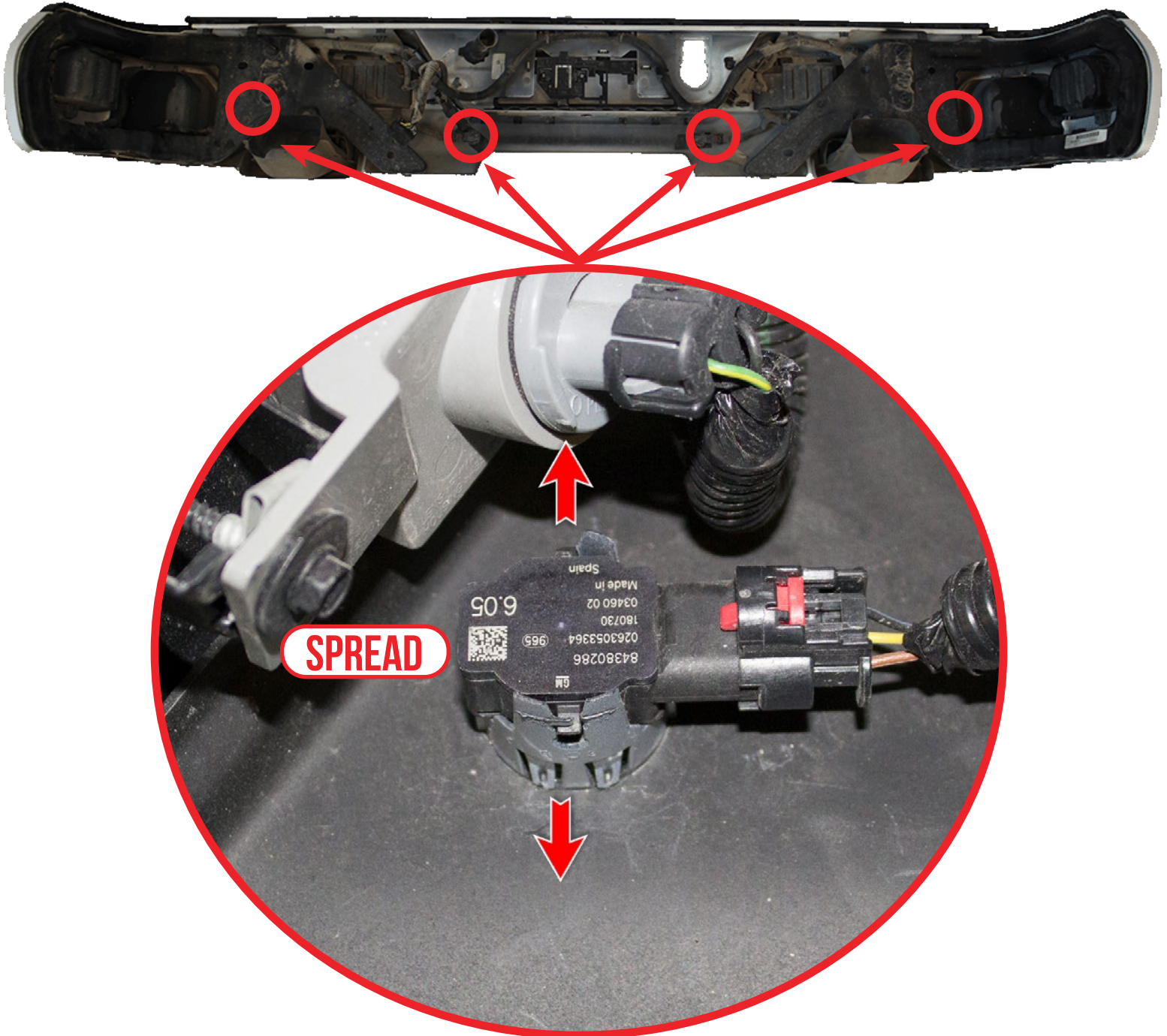


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 10

Remove the parking sensors from the bezels by spreading the tabs and pulling out. **\*\*CAUTION: Sensor bezels are fragile\*\***

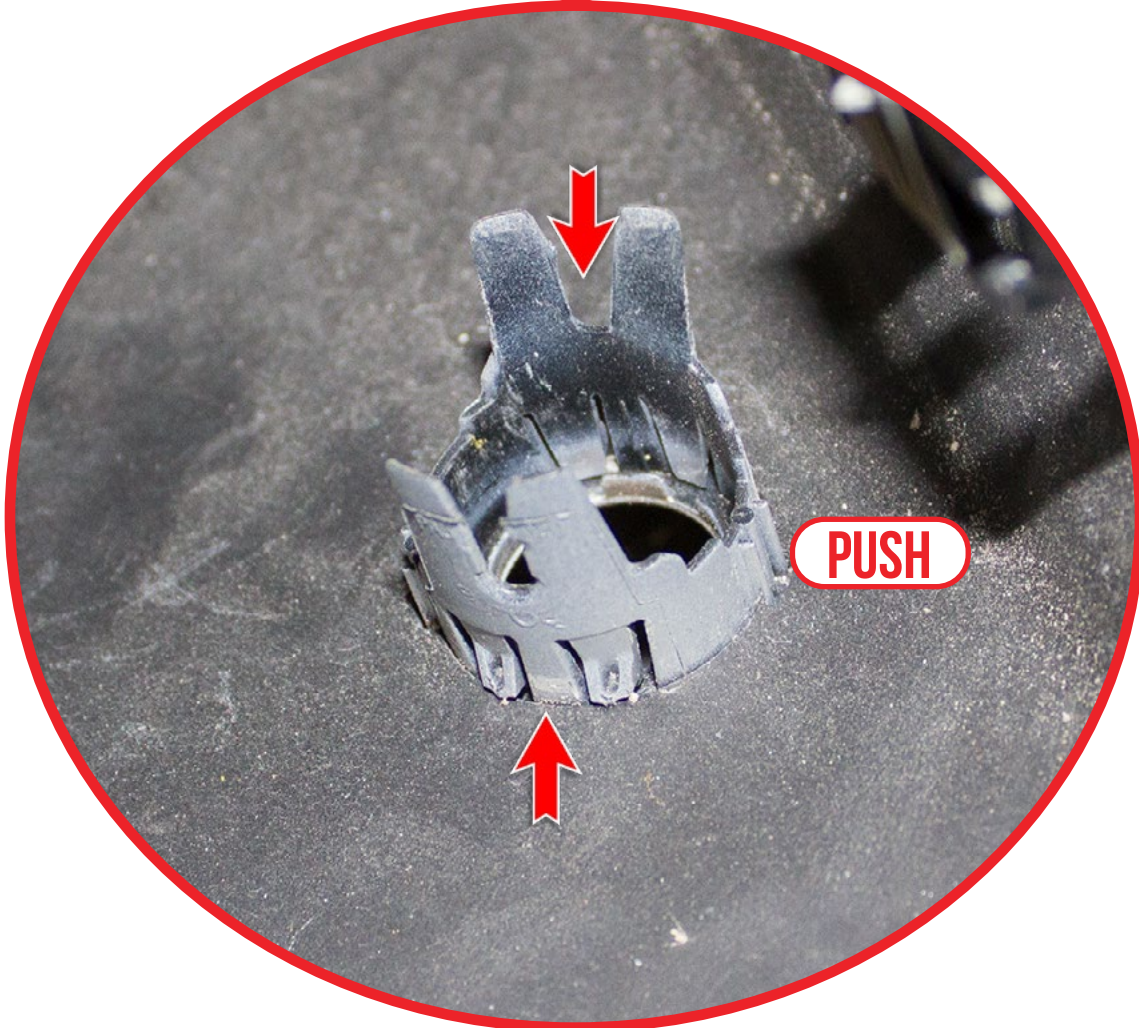
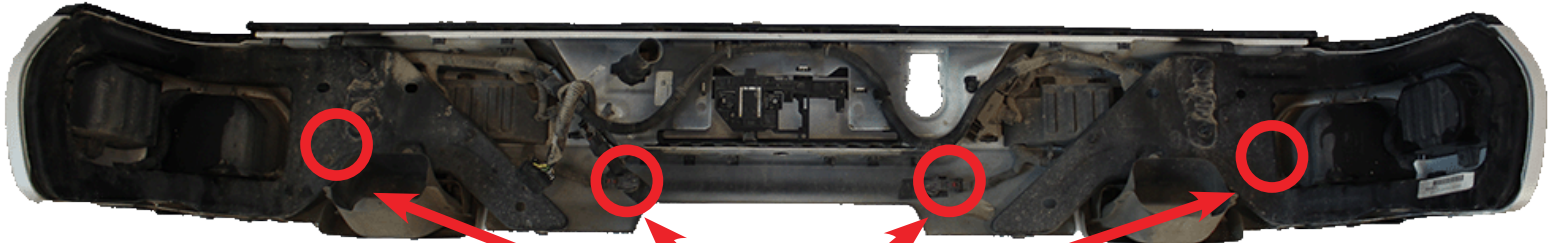


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 11

Remove the sensor bezels by pushing the tabs in and sliding out of the cutout. Remember the orientation of each sensor.

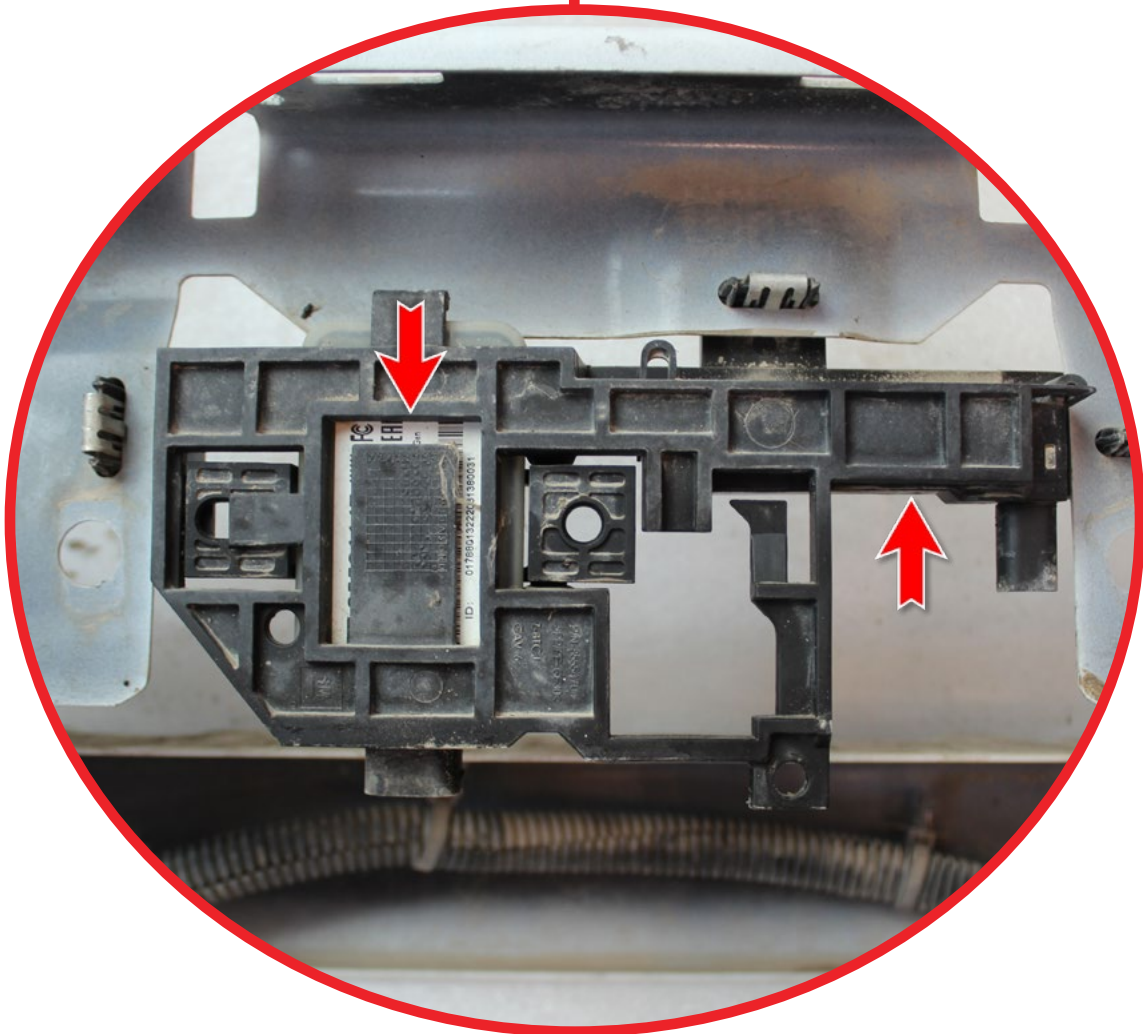
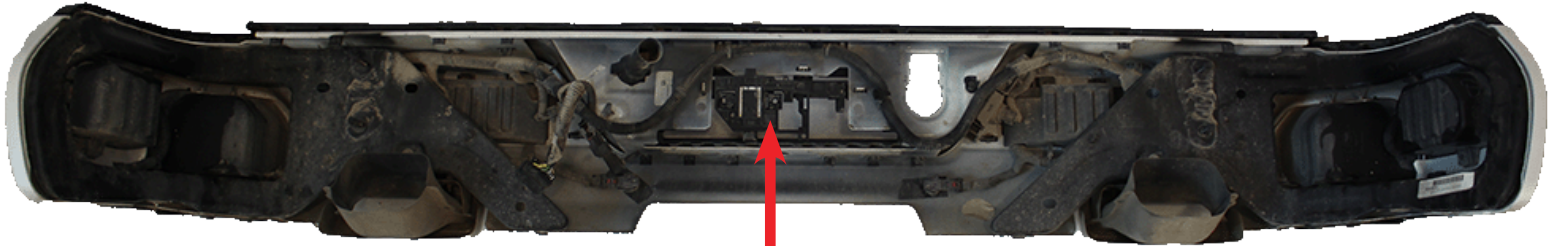


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## REMOVAL

### □ STEP 12

Remove the 2x modules located in middle of the bumper. Zip tie both module to the wiring harness when removed.



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

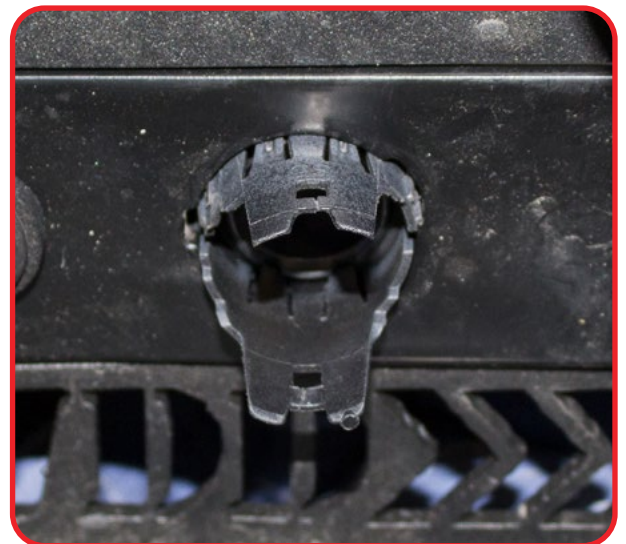
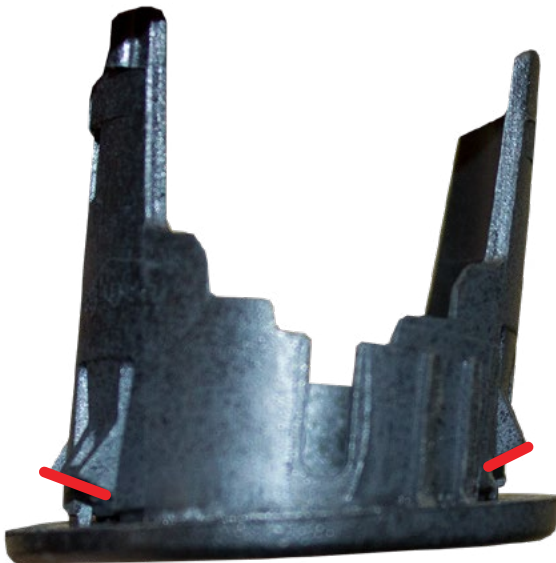
### □ STEP 13

Install the sensor bezels removed from **step 10 & 11** and insert the parking sensors in the correct orientation of the sensor bezels. If you do not have parking sensors install the provided **(F, F1)** rubber grommets.



### □ STEP 14

If your sensor bezels do not click into place, you may have to trim the mounting tabs to accommodate for the thickness of the material on your new bumper.



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

### STEP 15

Before moving on with the install, ensure to inspect the parking sensors to see if they are properly seated inside the bezel as shown below.



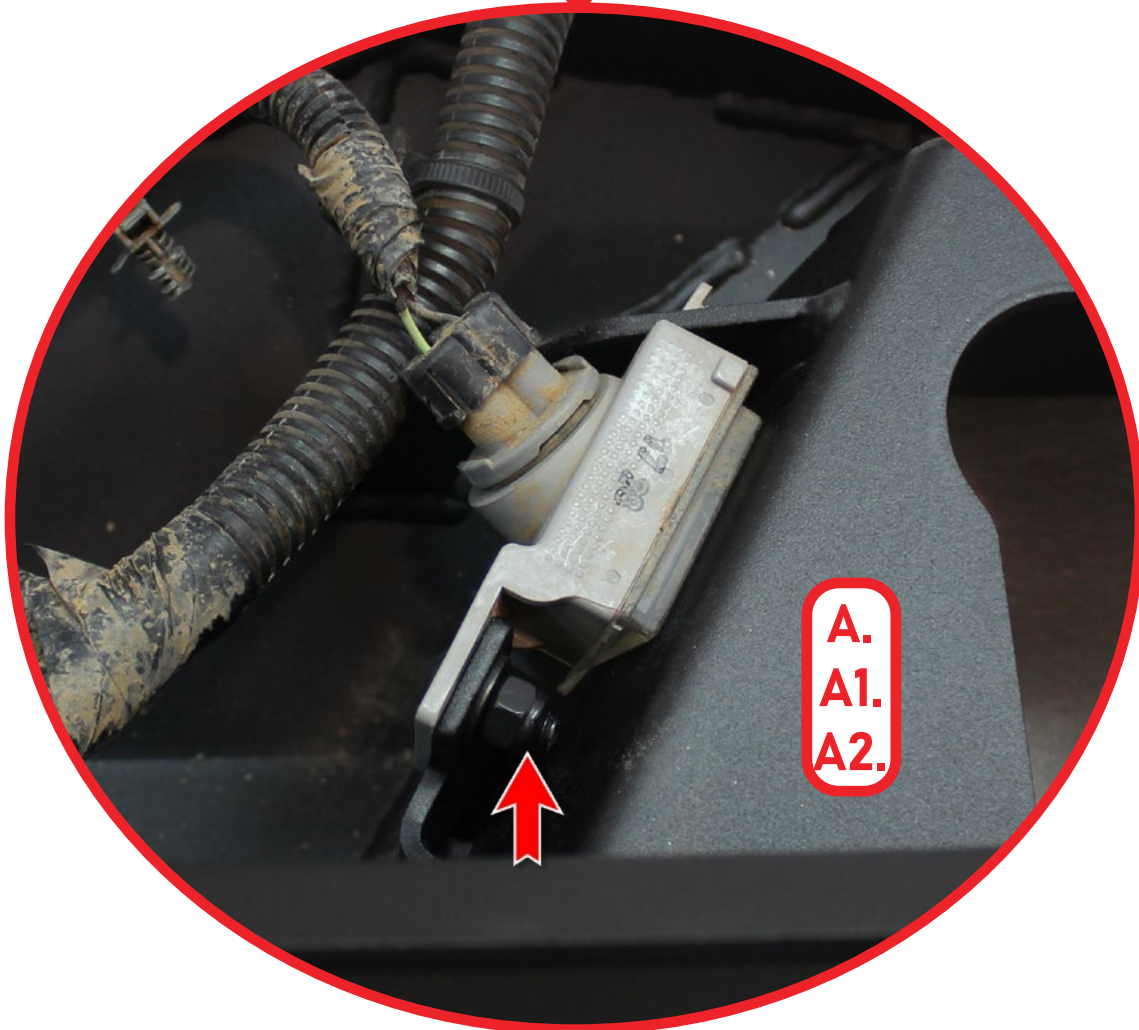


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

### □ STEP 16

Using a (7/16 wrench) and a (5/32 allen), install the license plate lights with the provided (A, A1, A2) 1/4-20 X 3/4" button head bolt, 1/4-20" nylon lock nut, and 1/4" flat washers as shown below.



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

### □ STEP 17

Using a (7/16 wrench) and a (5/32 allen), install the 2x blind spot sensors with the supplied brackets with the provided **(A, A1, A2)** 1/4-20 X 3/4" button head bolt, 1/4-20" nylon lock nut, and 1/4" flat washers as shown below.

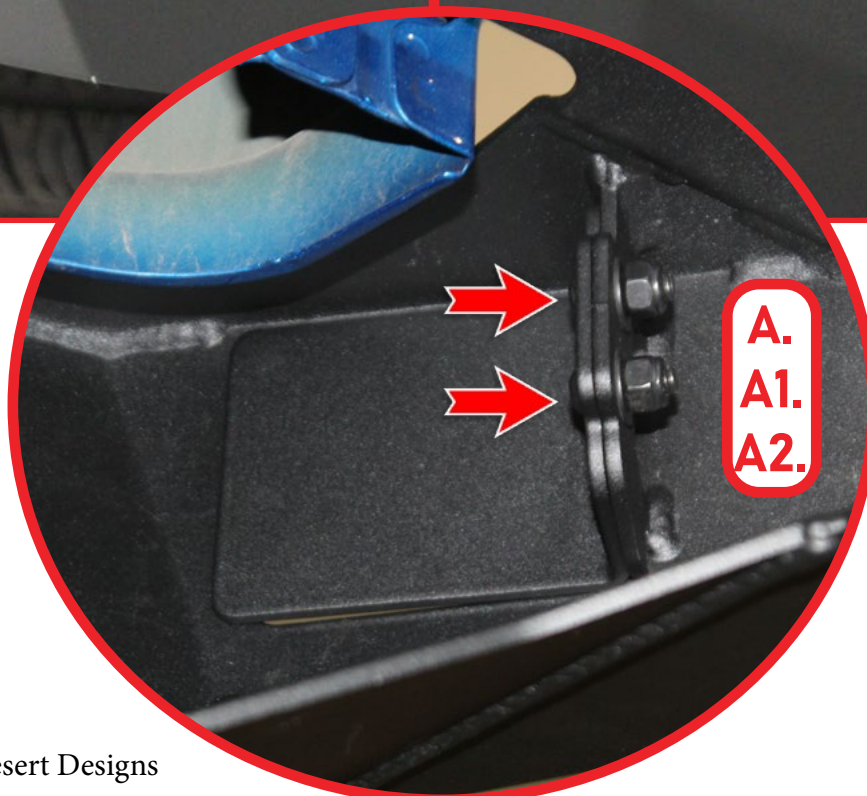


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

### □ STEP 18

(If you do not have blind spot sensors) Install the supplied blind spot inserts using a (7/16 wrench) and a (5/32 allen) with the provided (A, A1, A2) 1/4-20 X 3/4" button head bolt, 1/4-20" nylon lock nut, and 1/4" flat washers as shown below.



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

### □ STEP 19

Install the trailer plug into the cutout ensuring that the tabs on the backside click into place.



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

### □ STEP 20

Using a (3/4 wrench/socket) and With the help from another installer, position the bumper on the truck and install with the provided **(C, C1, C2)** 1/2-13 X 1 1/4" hex head bolts, 1/2-13" nylon lock nuts, and 1/2" flat washers as shown below. **\*\*Ensure to inspect tailgate clearance with the tailgate down before fully tightening\*\***



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

### □ STEP 21

Plug in the main wiring harness located on the passenger side.

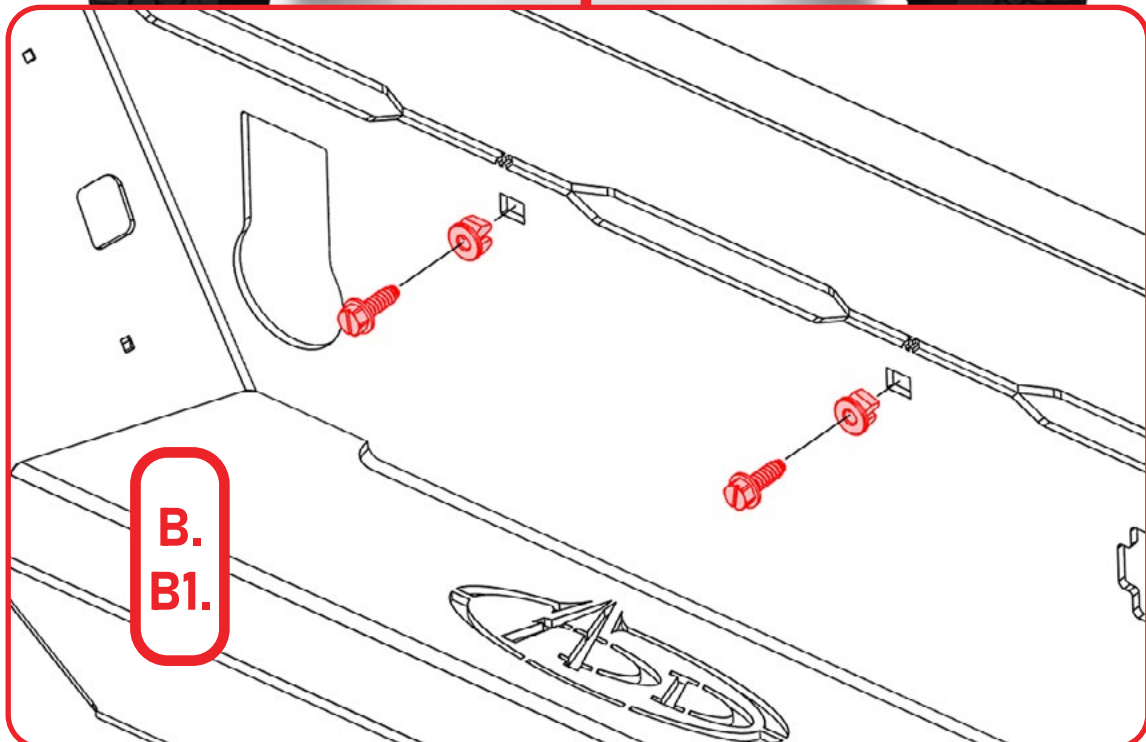


## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## INSTALL

### □ STEP 22

With the provided **(B, B1)** plastic snap in nut and blunt screw install your license plate using a (flathead Screwdriver) or a (8mm socket).



## PHANTOM REAR BUMPER 2024/CHEVY-GMC 2500 & 3500

## FINAL

### STEP 23

Stand back and enjoy your new ADD Phantom Rear Bumper.

Check and re-tighten all mounting bolts after 100 miles and periodically thereafter.



THIS PRODUCT IS PROTECTED BY ONE OR MORE U.S. PATENTS  
[WWW.ADDICTIVEDESERTDESIGNS.COM/PATENTS](http://WWW.ADDICTIVEDESERTDESIGNS.COM/PATENTS)

FOR ADDITIONAL SUPPORT OR TECHNICAL QUESTIONS,  
PLEASE CALL 480-671-0820 OR  
EMAIL [INFO@ADDICTIVEDESERTDESIGNS.COM](mailto:INFO@ADDICTIVEDESERTDESIGNS.COM)