



# INSTALLATION GUIDE

## 2018-UP/ JEEP JL

### PHANTOM REAR

R960191190103



#### TOOLS REQUIRED

- (Sockets) 8mm, 16mm, 17mm, 18mm, 21mm, 7/16, 3/4
- (Box end wrenches) 7/16, 3/4, 8mm, 16mm, 17mm, 18mm, 21mm
- (Allen wrenches) 5/32, 5/16
- Fastener remover or flathead screwdriver
- Philips Head Screwdriver
- Crescent Wrench
- Zip ties
- Ratchet
- Epoxy



#### 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\***



# INSTALLATION GUIDE

## HARDWARE/PARTS

**A.**



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

QTY: 3

**A1.**



1/4-20" NYLON LOCK NUT BLACK

QTY: 3

**A2.**



1/4" FLAT WASHER BLACK

QTY: 3

**B.**



1/2-13 X 1 1/2" BUTTON HEAD BOLT BLACK

QTY: 2

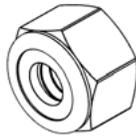
**B1.**



1/2" FLAT WASHER BLACK

QTY: 18

**B2.**



1/2-13" NYLON LOCK NUT BLACK

QTY: 10

**C.**



1/2-13 X 1 1/2" CARRIAGE BOLT

QTY: 4

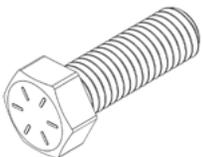
**C1.**



1/2" RETAINING WASHER

QTY: 4

**D.**



1/2-13 X 1 1/2" HEX HEAD BOLT GRADE 8

QTY: 8

**D1.**



1/2" FLAT WASHER YELLOW ZINC

QTY: 4

**D2.**



1/2-13" NYLON LOCK NUT GRADE 8

QTY: 4

**E.**



NYLON PLASTIC SNAP IN NUT

QTY: 4

**E1.**



1/4 X 3/4 HEX HEAD BLUNT SCREW

QTY: 4



# INSTALLATION **GUIDE**

## PHANTOM REAR BUMPER 18-UP/JEEP JL

## REMOVAL

### □ STEP 1

Unplug the rear bumper harness connector, then release the two plastic clips holding the bumper end of the harness to the vehicle. This connector is located under the vehicle on the driver side.

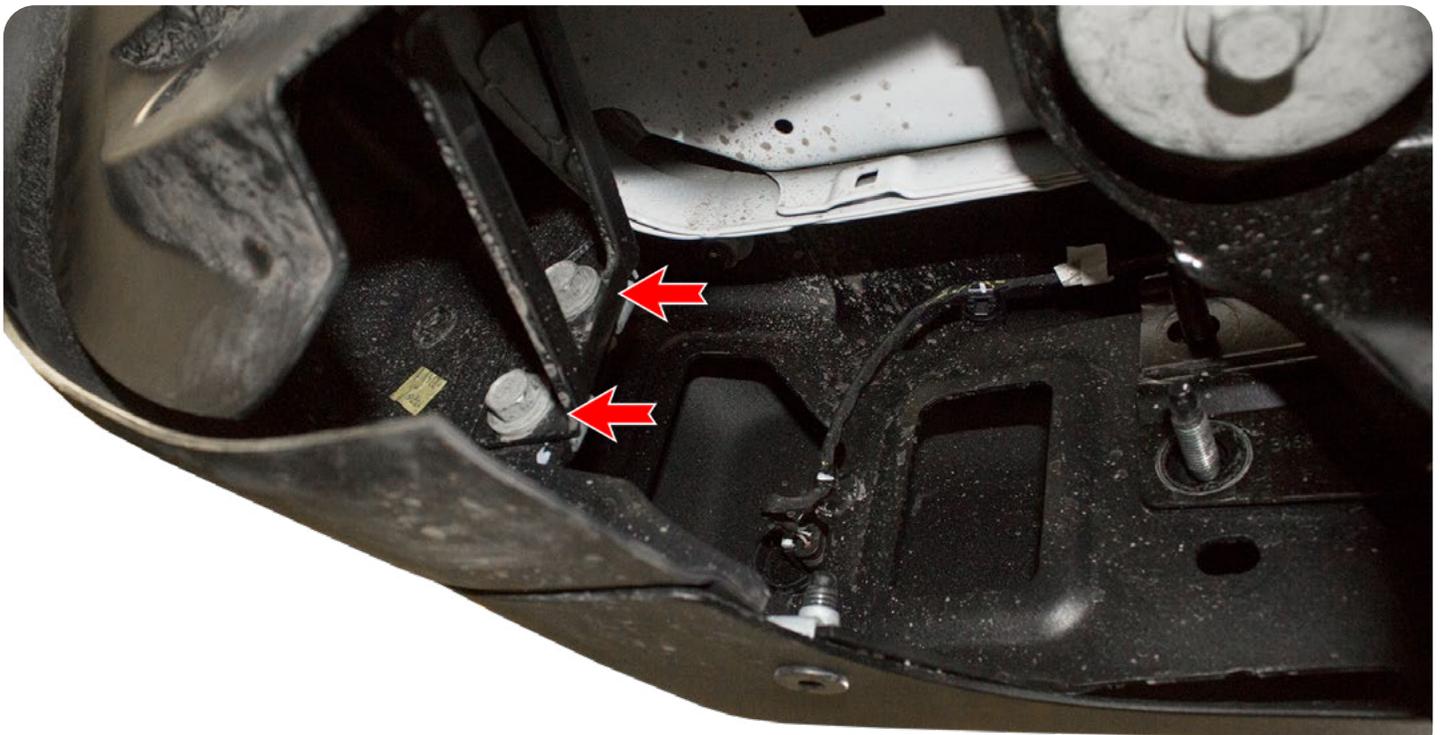


## PHANTOM REAR BUMPER 18-UP/JEEP JL

## REMOVAL

### □ STEP 2

Using a (16mm Socket), remove the bottom two bumper bolts and the two trailer plug bracket bolts. Save these bolts for reuse. Using a (16mm Socket), remove the bumper side support bolts (2 per side) that are accessible from underneath the truck on the outer section of the bumper.

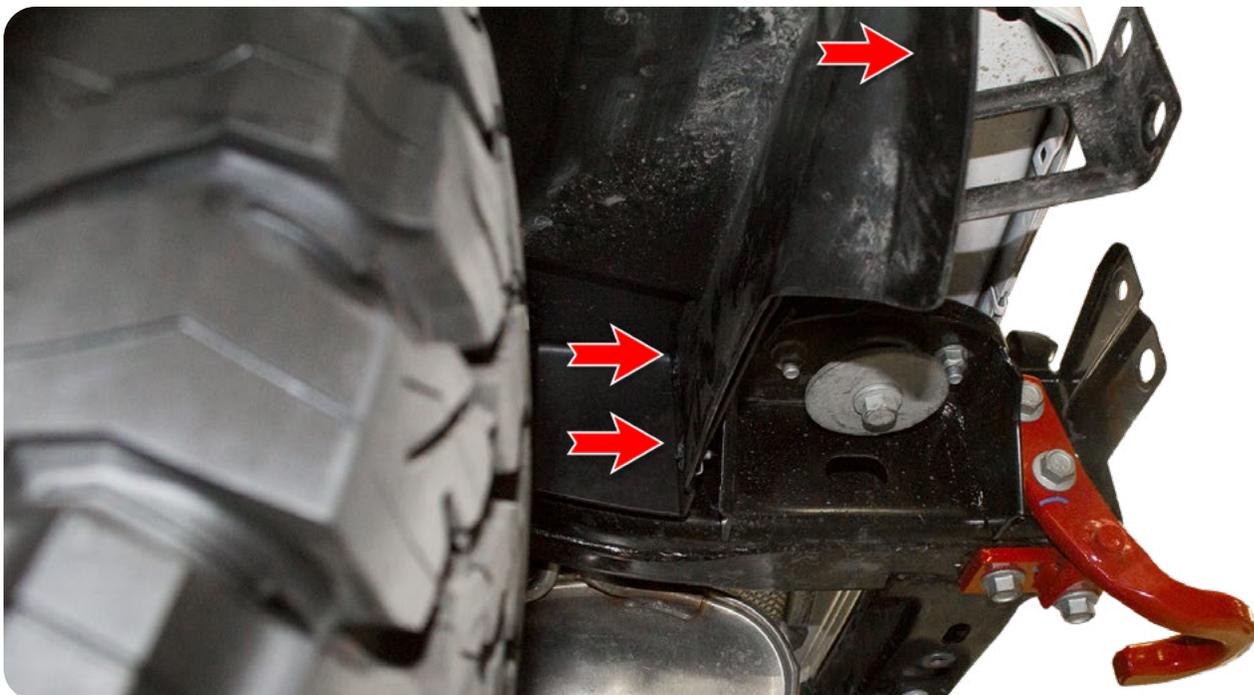
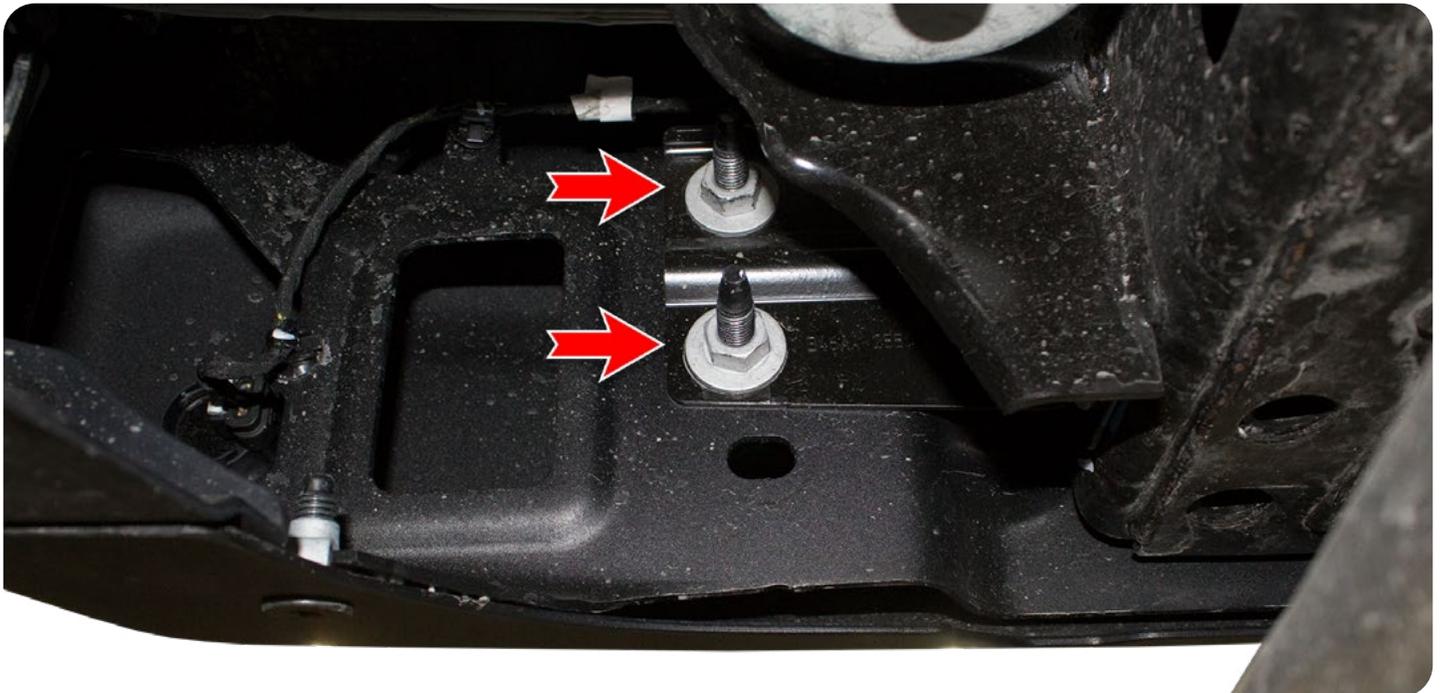


## PHANTOM REAR BUMPER 18-UP/JEEP JL

## REMOVAL

### □ STEP 3

Using a (17mm Socket), remove the bumper mounting nuts (2 per side) which are accessible from underneath the vehicle. Then, remove the OEM bumper. Using an (8mm Socket), remove the three (per side) inner fender liner bolts. Then, remove the lower inner fender liner pieces from the vehicle.

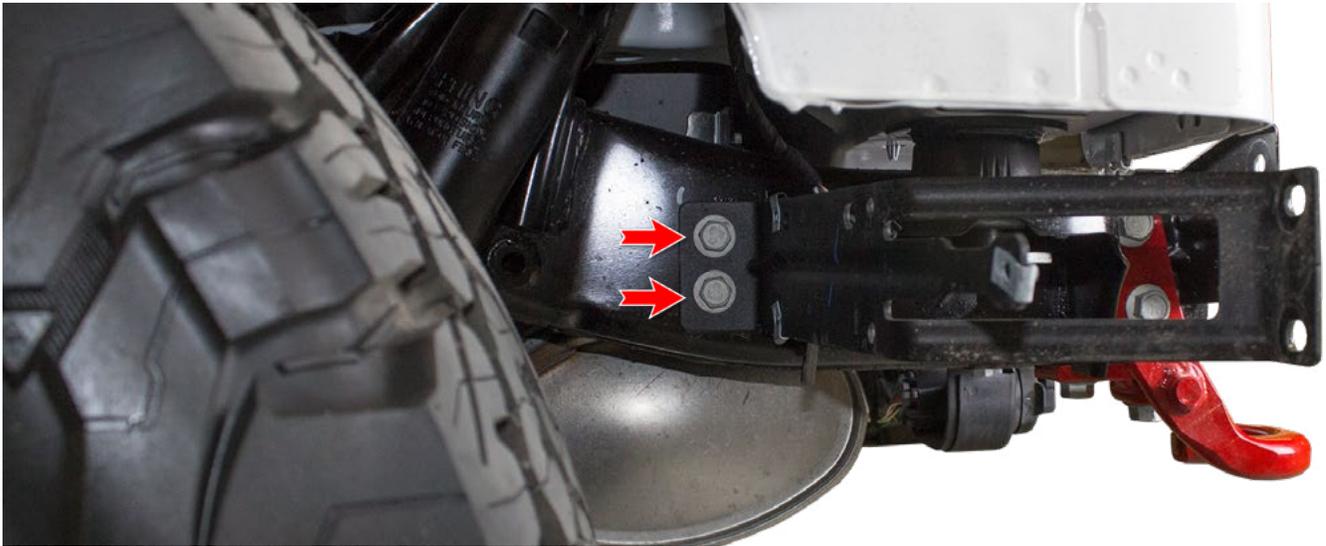


## PHANTOM REAR BUMPER 18-UP/JEEP JL

## REMOVAL

### □ STEP 4

Remove the two bolts that hold on each bumper side support bracket. Then, remove both brackets from the vehicle. Use an (18mm Socket) to remove the driver side tow hook bolts (x4). Then, use a (21mm Socket) to remove the passenger side bumper mounting bracket bolts (x2). Remove the tow hook and both bumper mounting brackets from the vehicle.

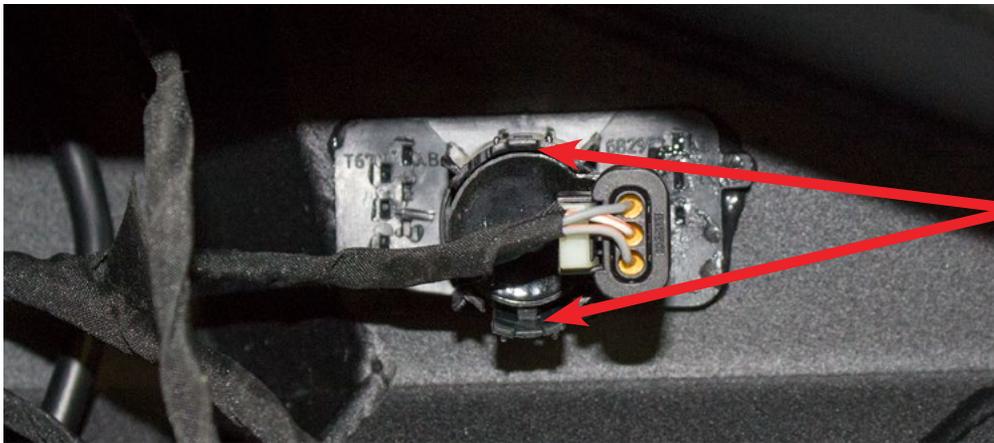


## PHANTOM REAR BUMPER 18-UP/JEEP JL

## REMOVAL

### □ STEP 5

IF YOU HAVE A **PLASTIC BUMPER**, FOLLOW THIS STEP. IF NOT, SKIP THIS **STEP 7**. Remove the parking sensors from the OEM Rear Bumper. Do this by first spreading the tabs on the mounting ring and releasing the sensor out the back side of the bumper. Then, take a putty knife, scraper, or something similar and work it between the sensor ring mounting plate and the rear bumper. Use the scraper to cut through the plastic welds holding that plate to the OEM bumper. Once the plastic welds have been broken, the plate will be free from the bumper. Make sure to keep track of the order/orientation of the sensors on the OEM bumper as you will need to install them in the same order/orientation on your new bumper.



Spread these tabs to release the sensor



Use a scraper to separate the mounting plate from the bumper



This is what it looks like once its separated



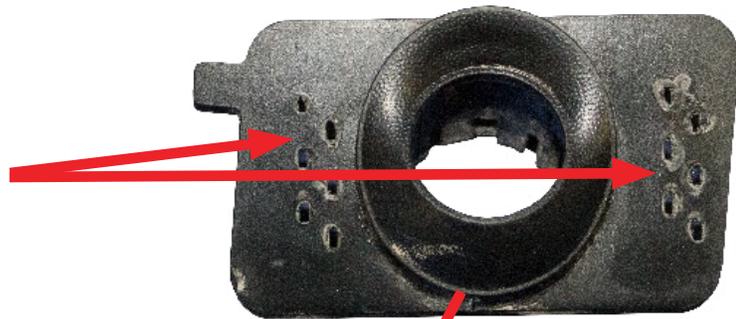
## PHANTOM REAR BUMPER 18-UP/JEEP JL

## REMOVAL

### □ STEP 6

Use a strong epoxy to glue the parking mounting plates to your new bumper. Do this by applying epoxy on the front face of the mounting plate. Then, push the sensor mounting ring through the precut hole in the bumper from the backside of the bumper, so that the front face of the mounting plate gets glued to the back side of the bumper. Install the sensor rings in the exact position they came off the OEM bumper. Once the glue has set, push the sensor into the back side of the mounting ring until it clicks into place.

Apply epoxy on these faces



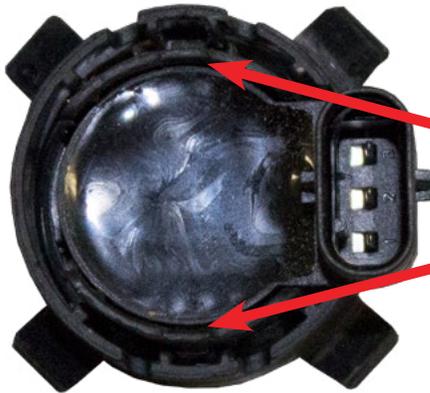


## PHANTOM REAR BUMPER 18-UP/JEEP JL

## REMOVAL

### □ STEP 7

IF YOU HAVE A METAL BUMPER, Remove the parking sensors from the OEM rear bumper. Do this by first spreading the tabs on the inner mounting ring and releasing the sensor out the back side of the bumper. Then, spread the tabs on the outer mounting ring to release it from the inner mounting ring. Finally, press the tabs in on the inner mounting ring to push it out the front side of the bumper.



Spread these tabs and release the parking sensor from the rear



Spread these tabs and release the outer mounting ring from the rear





# INSTALLATION GUIDE

## PHANTOM REAR BUMPER 18-UP/JEEP JL

## INSTALL

### STEP 8

Install the sensor bezels in the orientation from OEM and insert sensor.



## PHANTOM REAR BUMPER 18-UP/JEEP JL

## INSTALL

### □ STEP 9

Install the provided license plate light to your license plate bracket using a (Philips head screwdriver) and holding the nut with your hand.





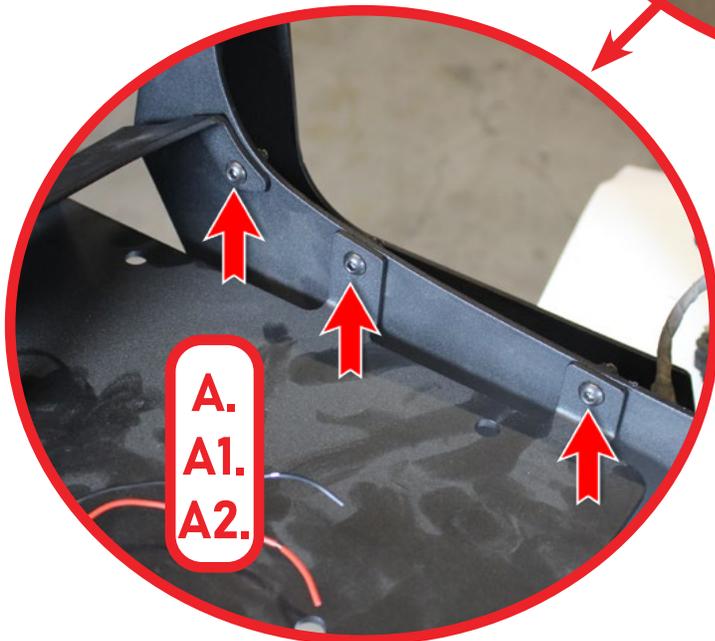
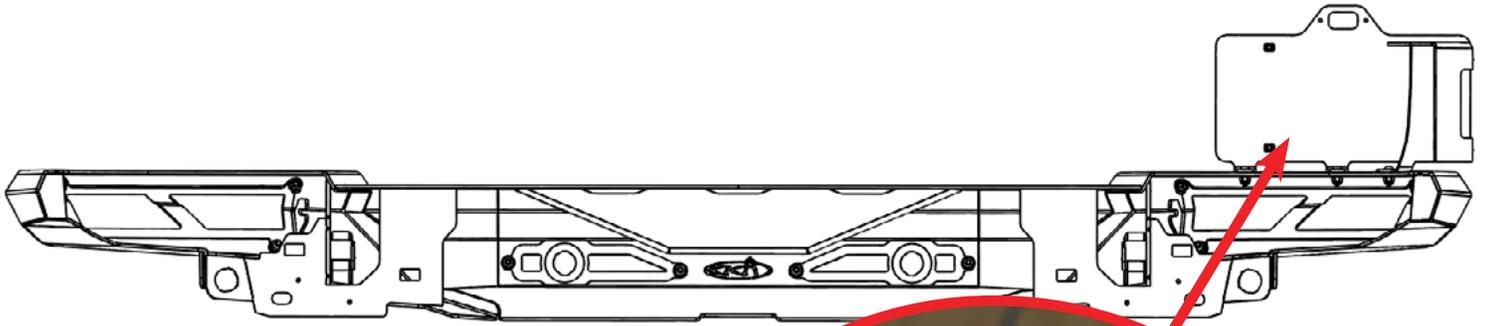
# INSTALLATION GUIDE

## PHANTOM REAR BUMPER 18-UP/JEEP JL

## INSTALL

### □ STEP 10

Install the license plate bracket with the provided (A, A1, A2) 1/4" button head bolts, washers, and nylon lock nuts using a (5/32 allen) and a (7/16 wrench).





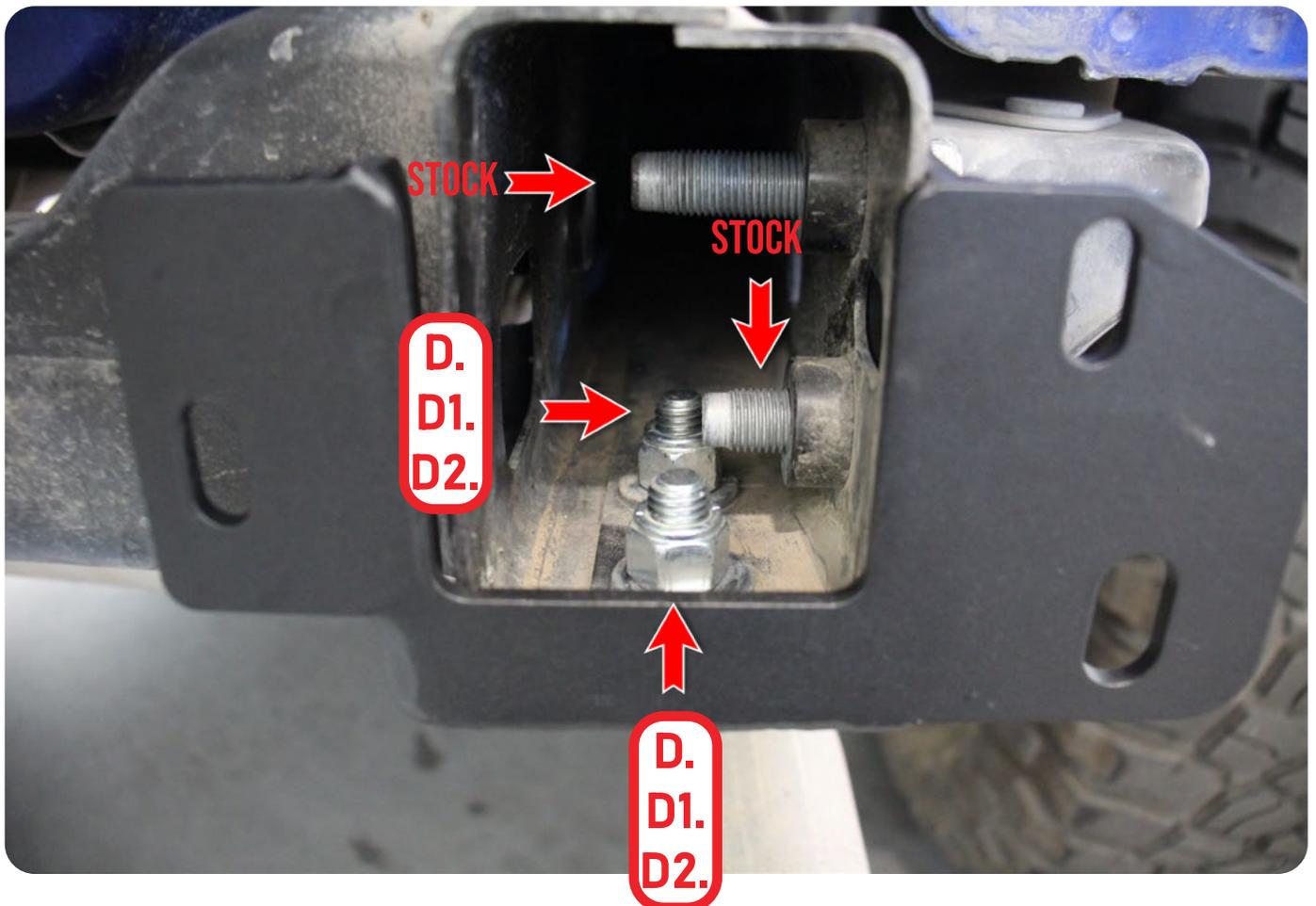
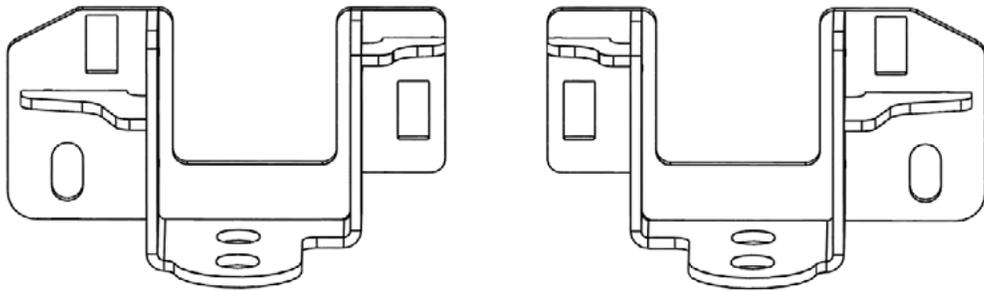
# INSTALLATION GUIDE

## PHANTOM REAR BUMPER 18-UP/JEEP JL

## INSTALL

### □ STEP 11

Install the mounting plates with the OEM bolts removed from **step 4**. The passenger side will take the provided **(D, D1, D2)** 1/2" hardware using a (3/4 wrench) and (3/4 socket) for the bottom of the mounts as shown below.

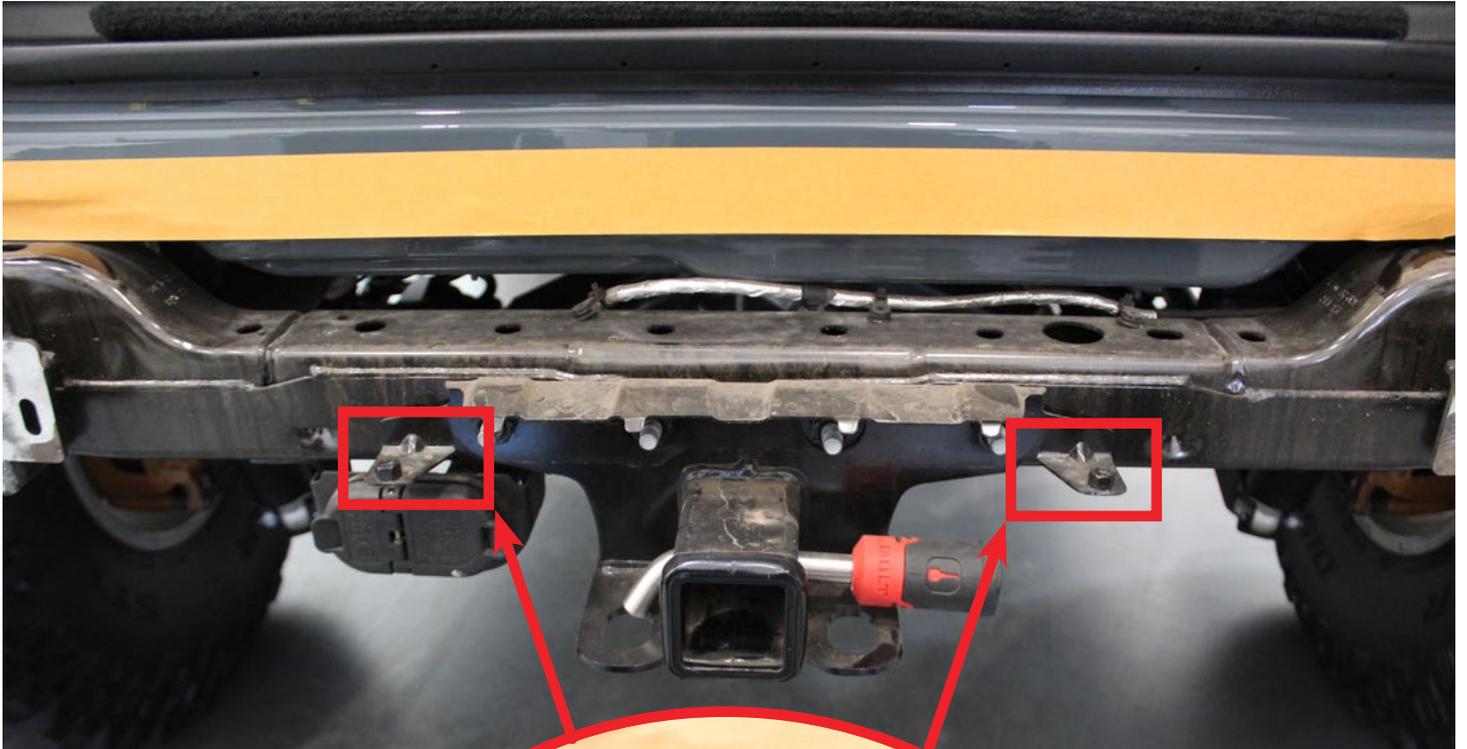


## PHANTOM REAR BUMPER 18-UP/JEEP JL

## INSTALL

### □ STEP 12

Using a (crescent wrench), bend the OEM mounting tabs up as shown below.





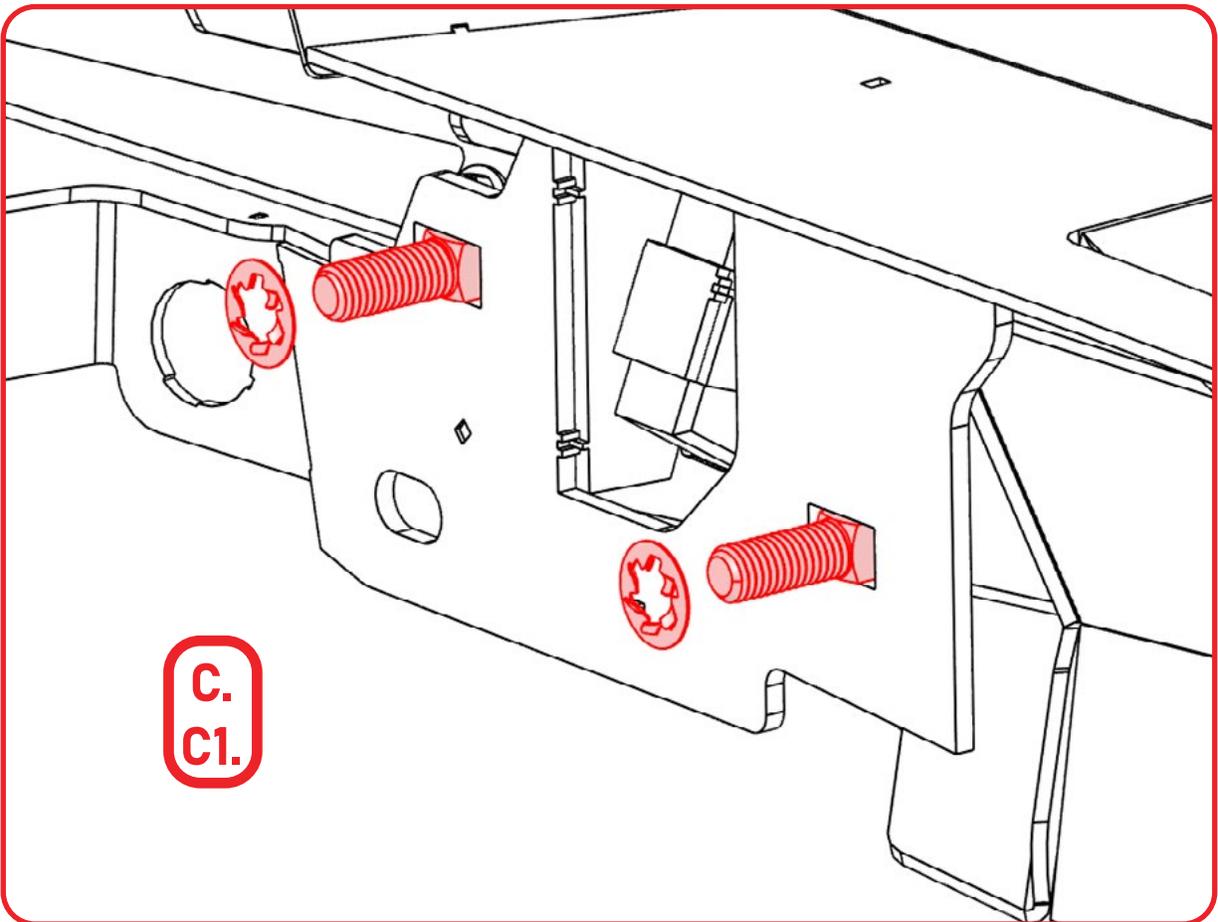
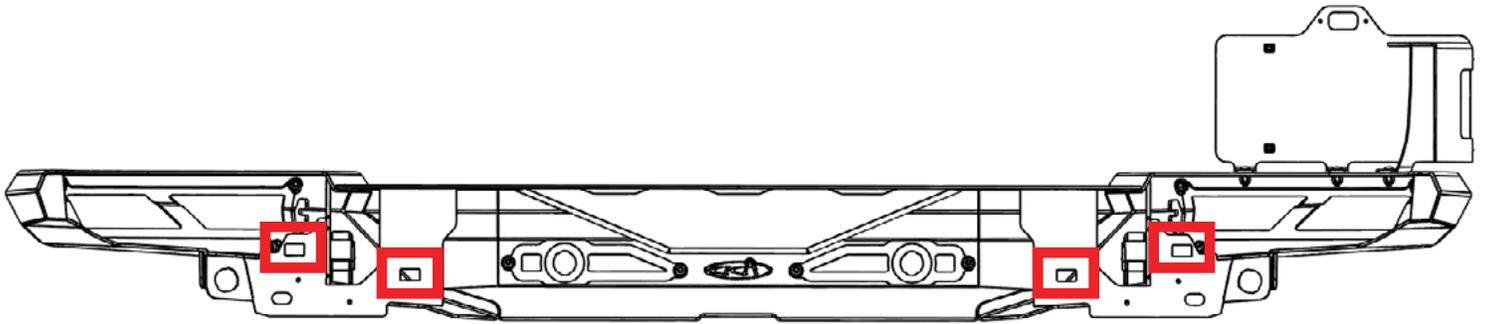
# INSTALLATION GUIDE

## PHANTOM REAR BUMPER 18-UP/JEEP JL

## INSTALL

### □ STEP 13

With the provided (C) 1/2" hardware install the carriage bolt through the backside of the mount and install the (C1) 1/2" retaining washer as shown below.





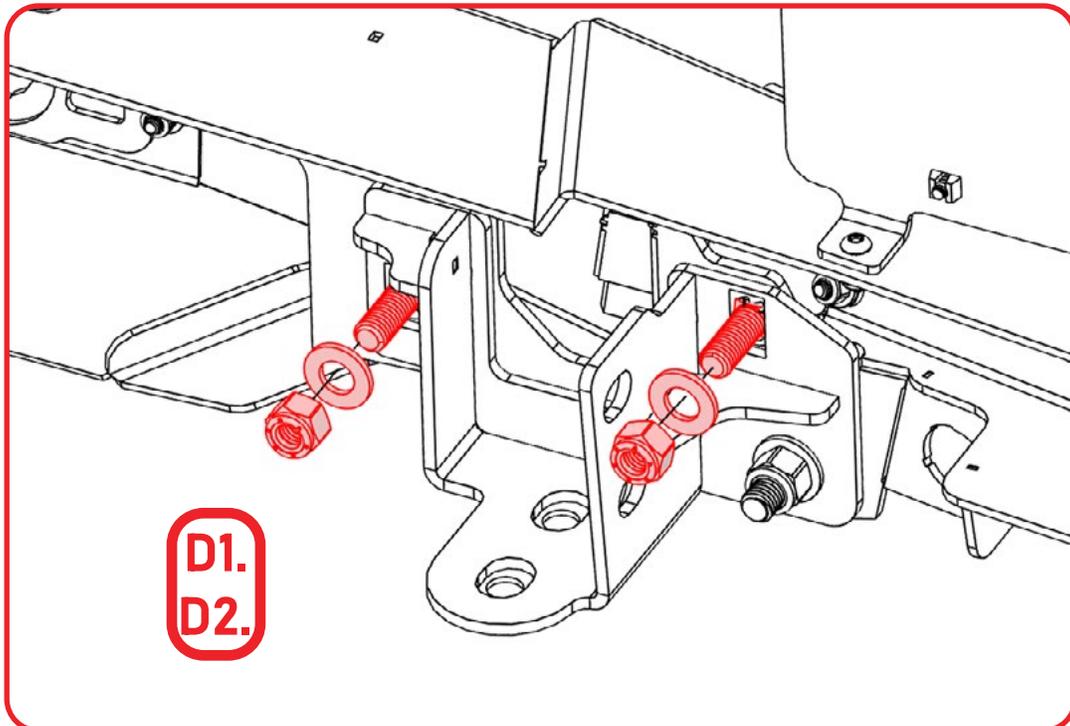
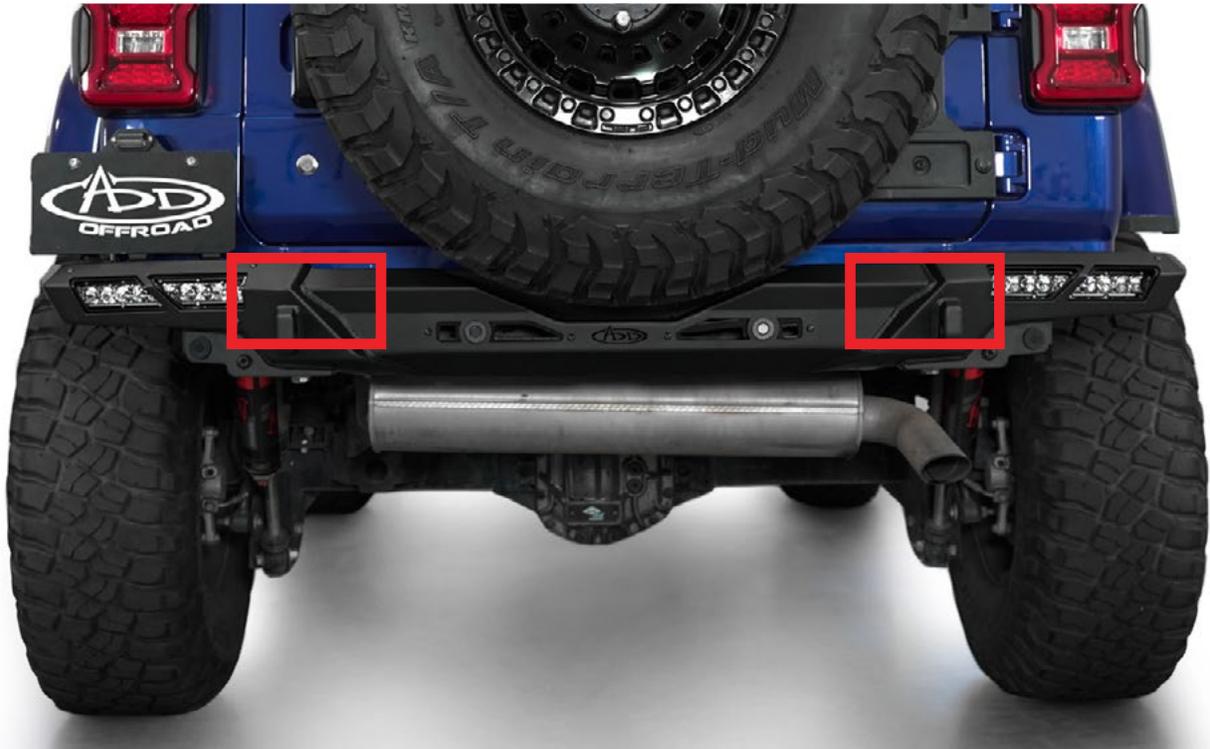
# INSTALLATION GUIDE

## PHANTOM REAR BUMPER 18-UP/JEEP JL

## INSTALL

### □ STEP 14

With a helping hand, install the bumper with the provided (D1, D2) 1/2" hardware using a (3/4" wrench) into the carriage bolts installed on step 15.



## PHANTOM REAR BUMPER 18-UP/JEEP JL

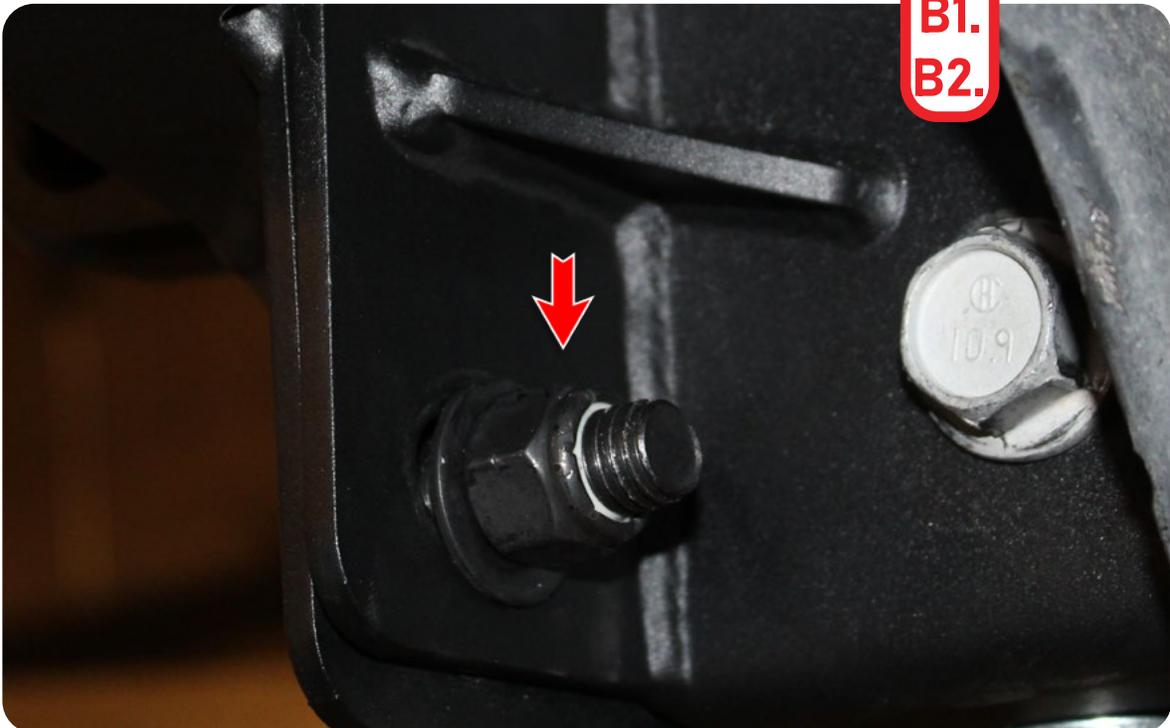
## INSTALL

### □ STEP 15

Next, install the provided **(B, B1, B2)** 1/2" hardware using a (5/16 allen) and a (3/4 wrench).



**B.  
B1.  
B2.**





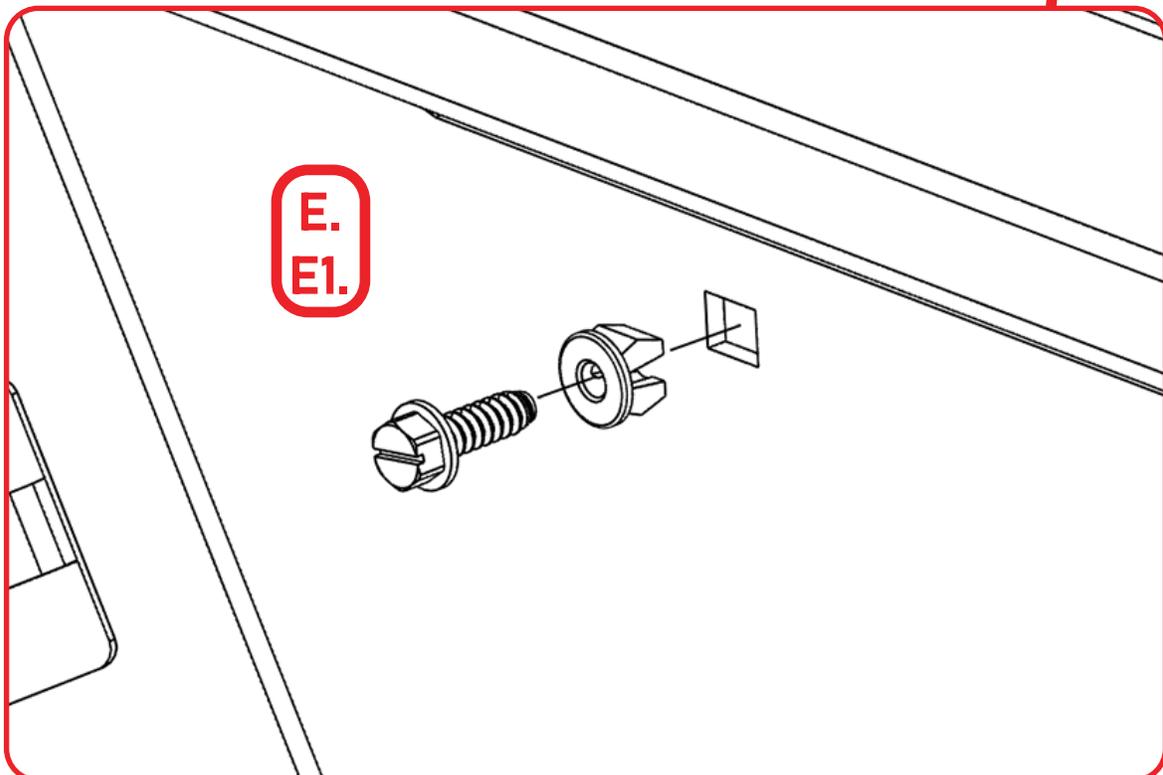
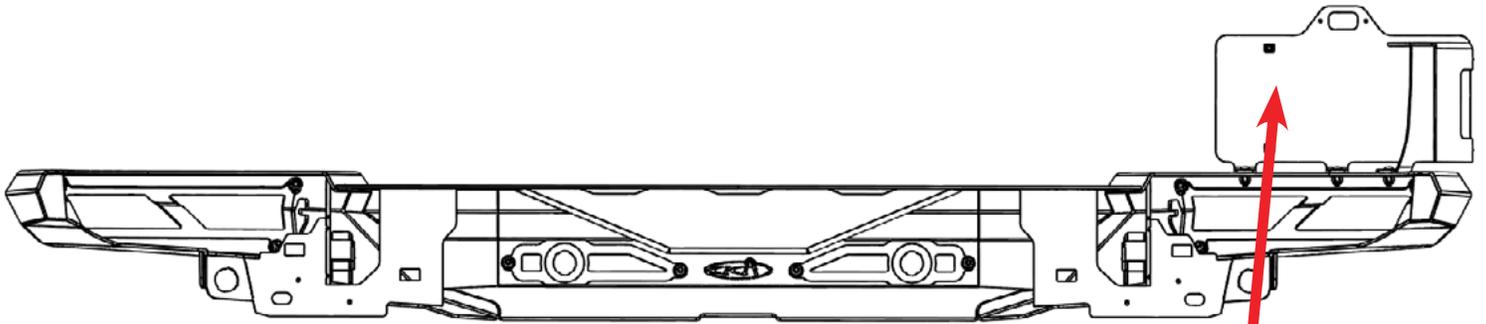
# INSTALLATION GUIDE

## PHANTOM REAR BUMPER 18-UP/JEEP JL

## INSTALL

### □ STEP 16

Install the license plate with the provided (E, E1) hardware as shown below using a (flat head).





# INSTALLATION GUIDE

## PHANTOM REAR BUMPER 18-UP/JEEP JL

## FINAL

### □ STEP 17

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  
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