

17-20/FORD RAPTOR

PHANTOM FRONT BUMPER

F110263200103



TOOLS REQUIRED

- (Socket) 15mm, 18mm, 5/32, 5/16, 3/4
- (Wrench) 9/16, 3/4
- (Allen) 7/32, 5/16
- Fastener Removal Tool/Flathead
- Flat File



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****



INCLUDED IN KIT

- 6- 3/8-16 x 1" hex head bolt grade 8
- 6- 3/8 Fender Washer
- 6- 3/8-16 U-Nut
- 12- 3/8-16 x 1" Button Head Bolt
- 12- 3/8-16 Nylon Lock Nut
- 12- 3/8 Flat Washer
- 2- 1/2-13 X 1 1/2" Button Head Bolt
- 2- 1/2-13" Nylon Lock Nut
- 2- 1/2" Flat Washer

⚠️ 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

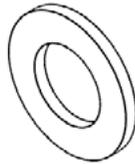
A.



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

QTY: 2

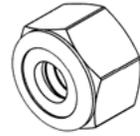
A1.



1/2" FLAT WASHER

QTY: 2

A2.



1/2-13" NYLON LOCK NUT

QTY: 2

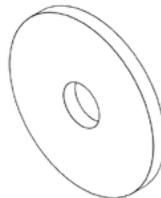
B.



3/8-16 X 1" HEX HEAD BOLT

QTY: 6

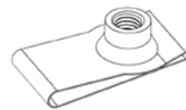
B1.



3/8" FENDER WASHER

QTY: 6

B2.



3/8-16" U-NUT

QTY: 6

C.



3/8-16 X 1" BUTTON HEAD BOLT

QTY: 12

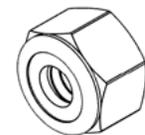
C1.



3/8" FLAT WASHER

QTY: 24

C2.



3/8-16" NYLON LOCK NUT

QTY: 12

Reference this page throughout the install

PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

REMOVAL

□ STEP 1

Remove the 6x bolts to release the OEM skid plate using a (13mm socket).



PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

REMOVAL

□ STEP 2

Remove the skid plate spacer.

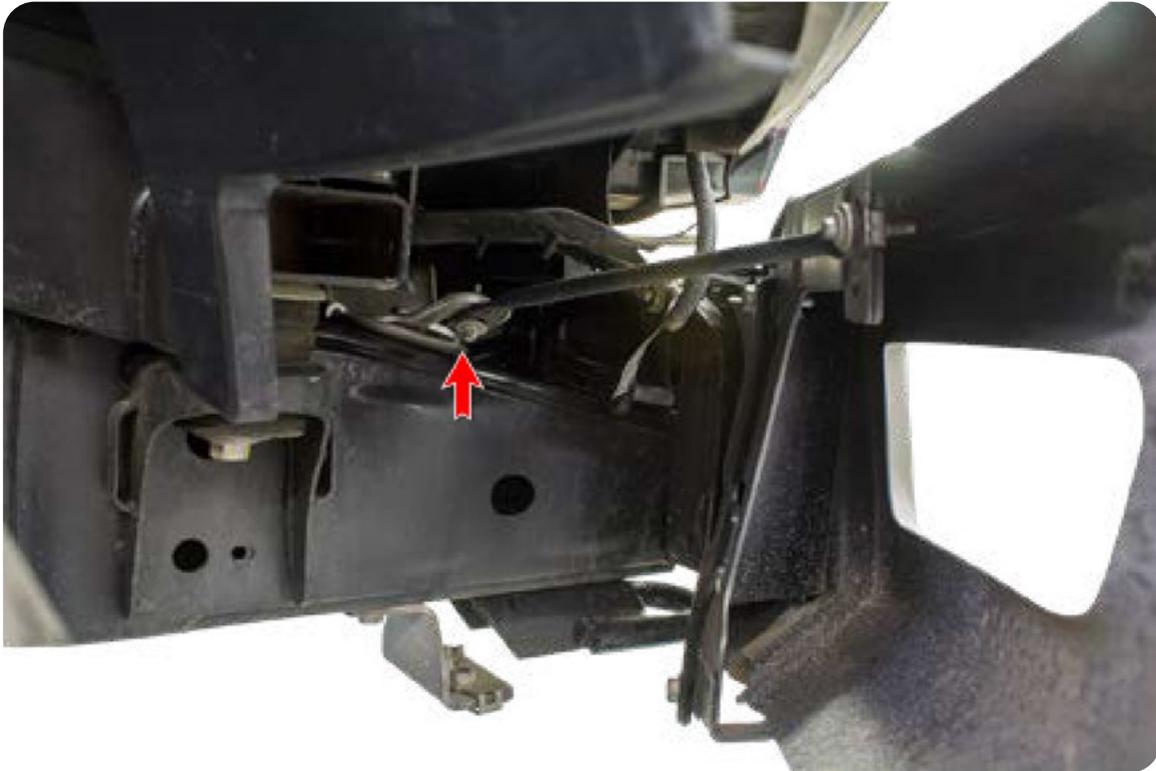


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

REMOVAL

□ STEP 3

Remove the support brackets holding the bumper to the frame horns using a (8mm socket). (Repeat on other side)

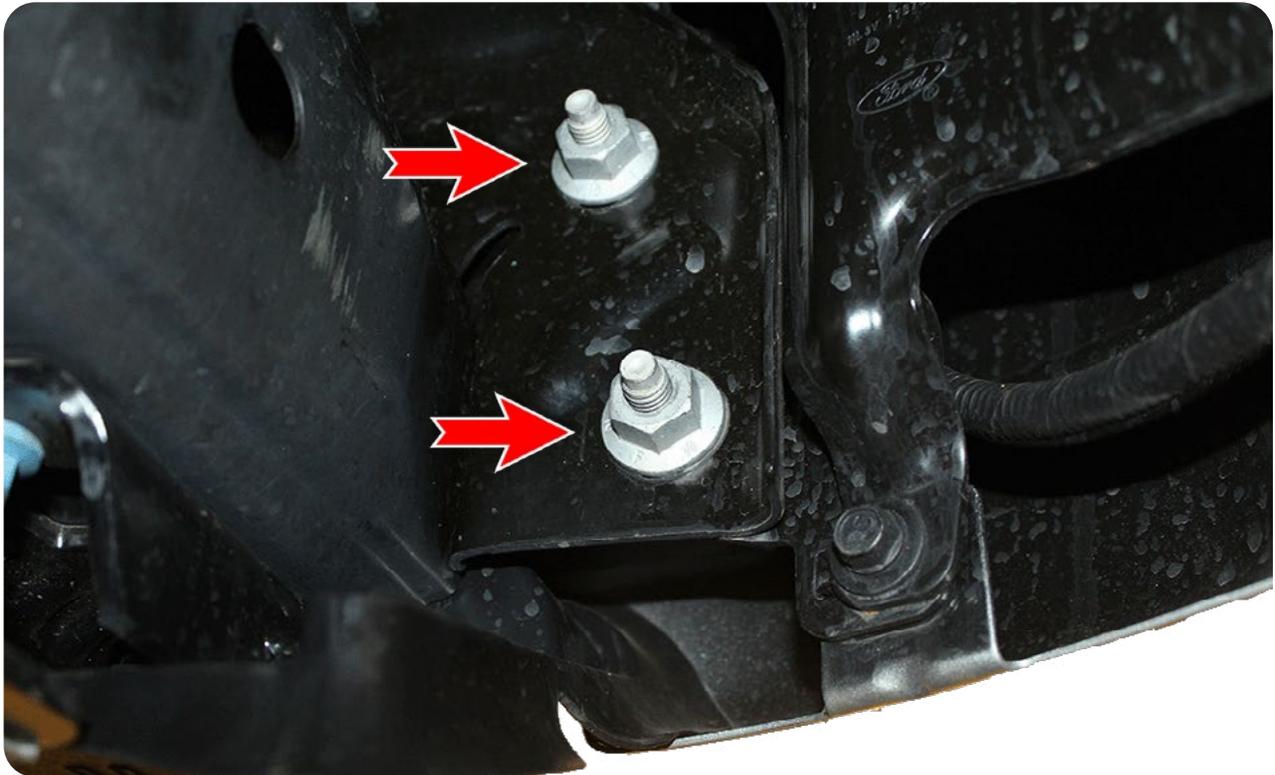


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

REMOVAL

□ STEP 4

Remove the mounting bolts located on the frame horn using a (21mm Socket). (Repeat on other side)



PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

REMOVAL

□ STEP 5

Remove the inter cooler guard bolts by using a (10mm socket) and remove the shutter motor from the guard. Zip tie the shutter motor to the wiring harness once it is installed on your ADD bumper.

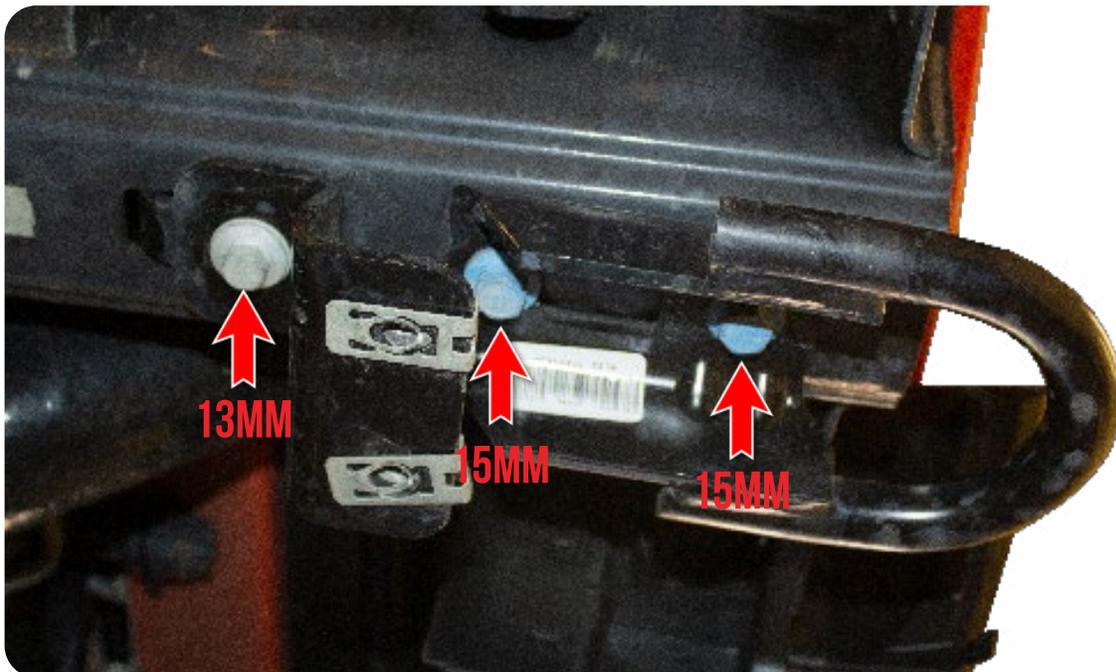


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

REMOVAL

□ STEP 6

Remove the tow hooks and the skid plate mount by using a (15mm socket) and a (13mm socket).



PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

REMOVAL

STEP 7

(Optional) Remove the rubber stripping using a (fastener removal tool).

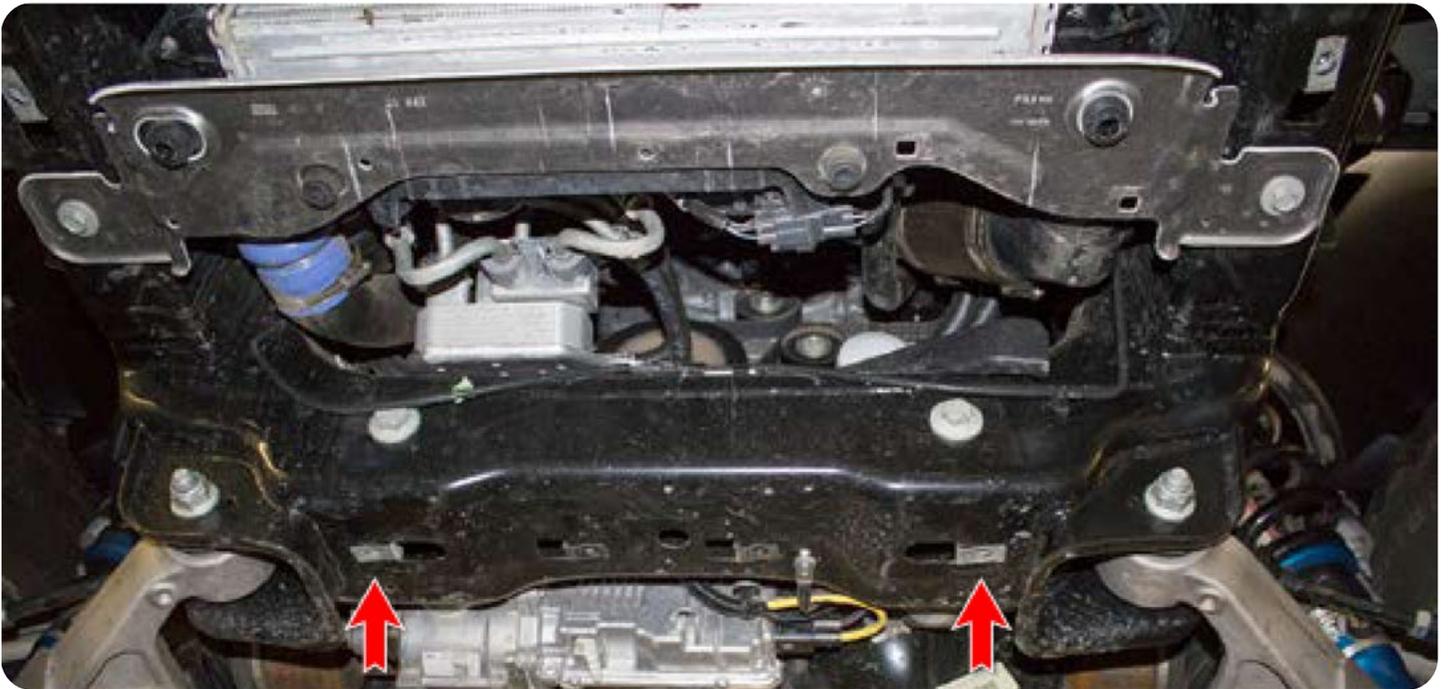


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

REMOVAL

□ STEP 8

Remove the OEM nut clips for the skid plate bottom mounts and replace with the provided **(B2)** hardware.

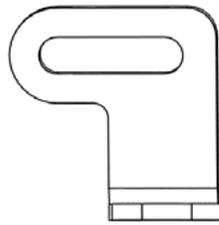


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

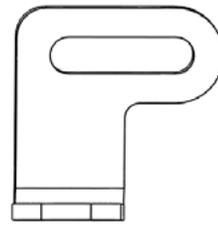
INSTALL

□ STEP 9

Install the light mount brackets with the provided **(C, C1, C2)** hardware using (7/32 allen wrench) and a (9/16 wrench). (Repeat on other side)



PASSENGER



DRIVER

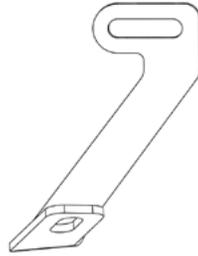


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

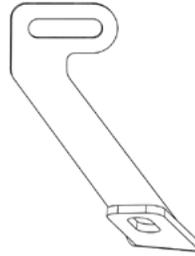
INSTALL

□ STEP 10

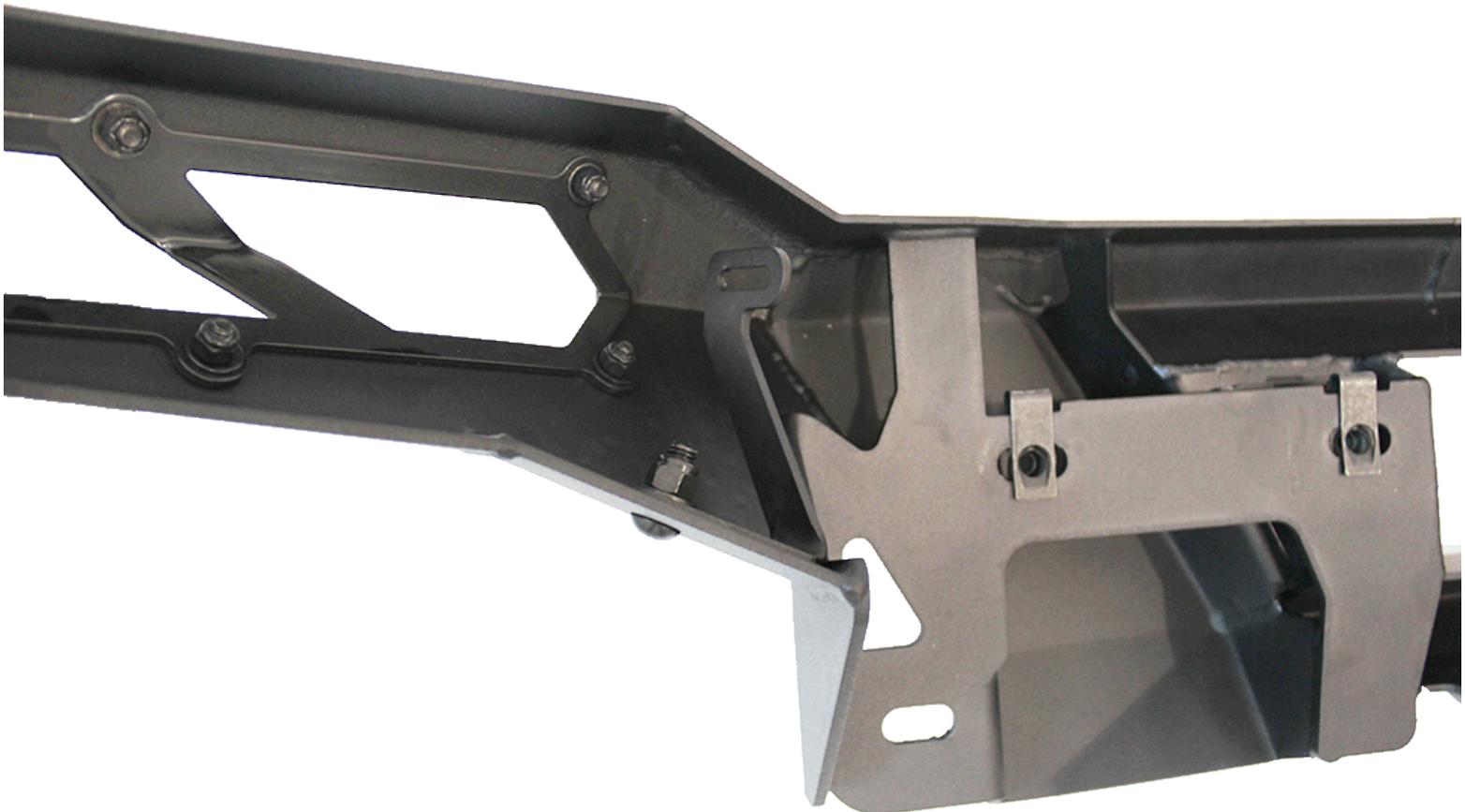
Install the light mount brackets with the provided (C, C1, C2) using (7/32 allen wrench) and a (9/16 wrench). (Repeat on other side)



PASSENGER



DRIVER



PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

INSTALL

□ STEP 11

Assemble the skid plate bottom mount to the skid plate using the provided (C, C1, C2) with a (7/32 allen wrench) and (9/16 wrench).



PHANTOM FRONT BUMPER
17-20/FORD RAPTOR

INSTALL



PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

INSTALL

□ STEP 12

Install the skid plate to the bumper with the provided (**C, C1, C2**) using a (7/32 allen wrench) and (9/16 wrench).

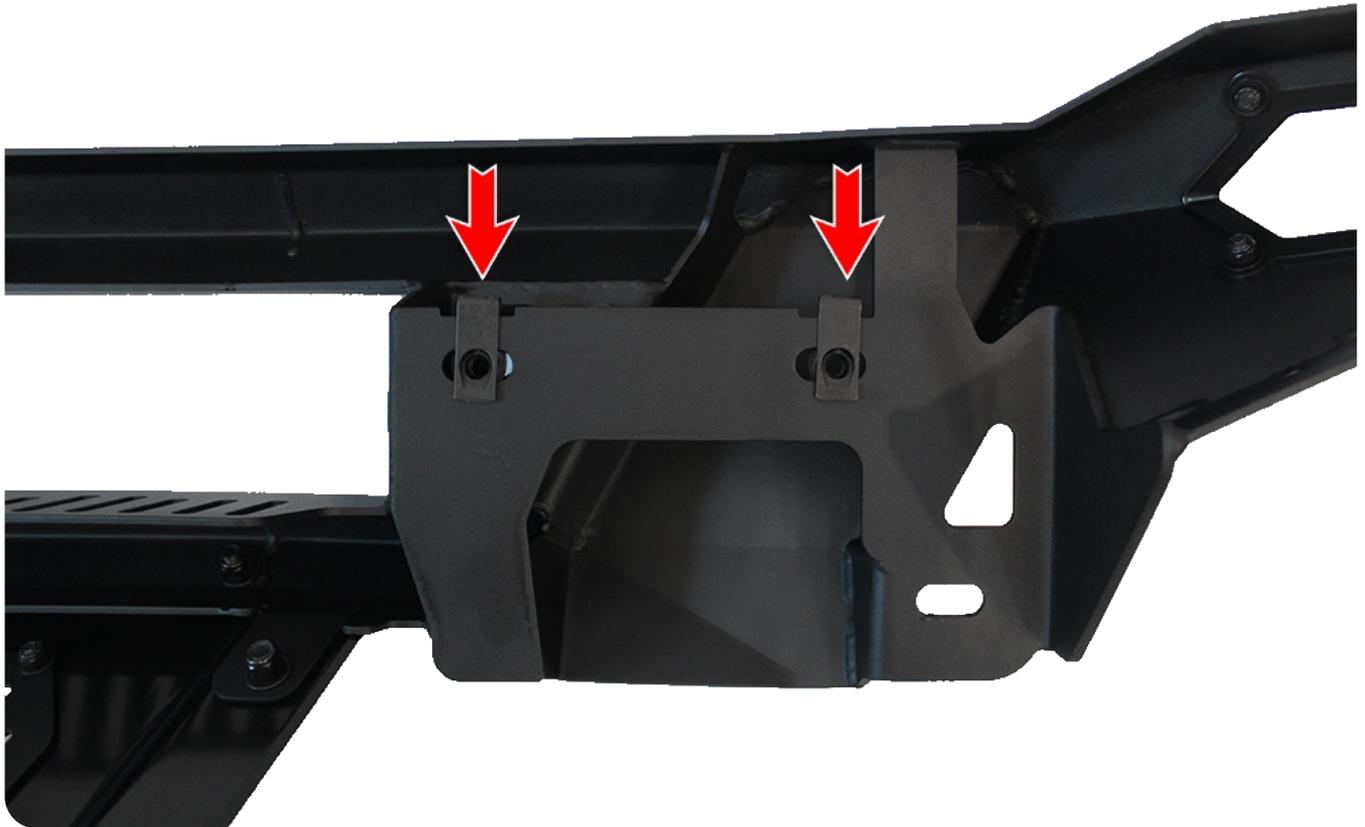


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

INSTALL

□ STEP 13

Install the provided **(B2)** in the slots on the bumper. (Repeat on other side)

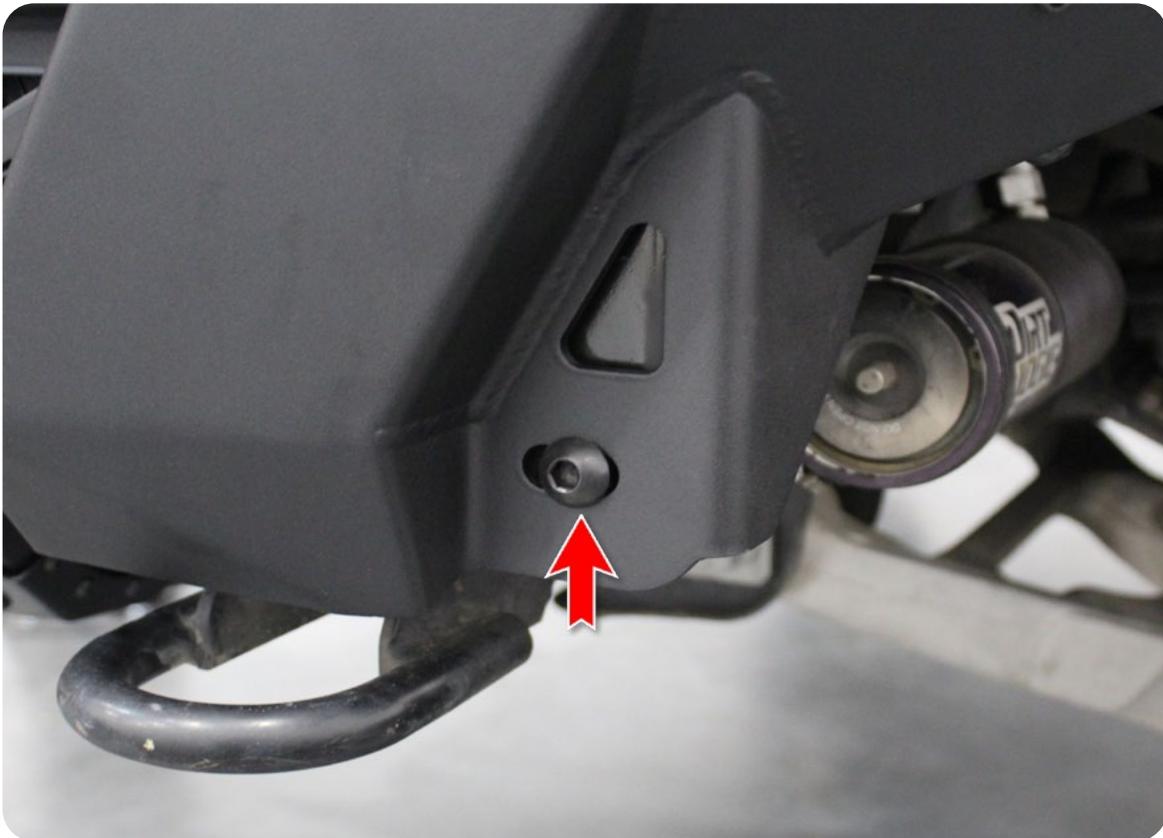


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

INSTALL

□ STEP 14

You can now install your Phantom front bumper with the provided (A, A1, A2) using a (5/16 allen wrench) and (3/4 wrench).

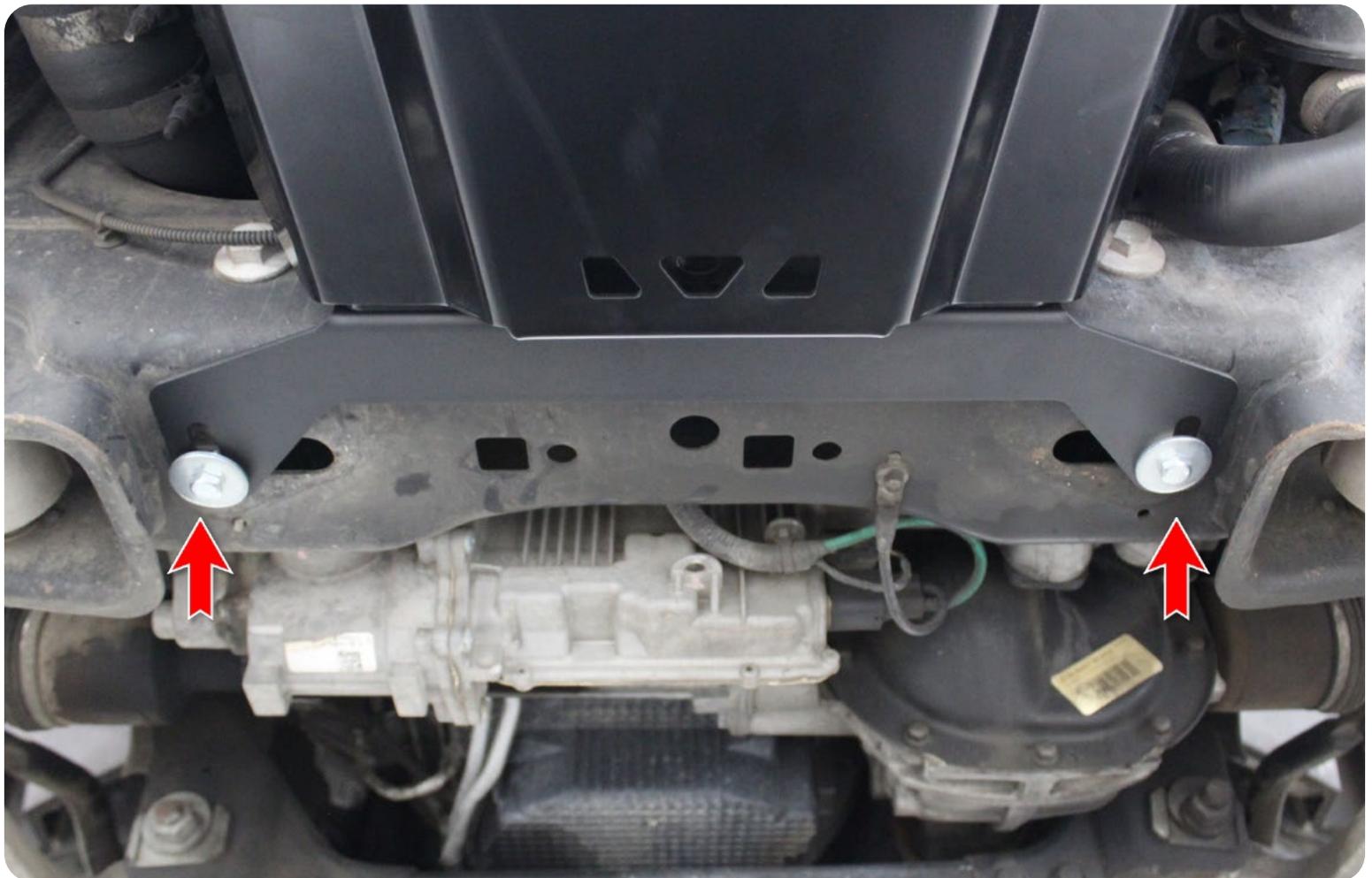


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

INSTALL

□ STEP 15

Install the skid plate mounting hardware **(B, B1)** into the nut clips **(B2)** install on **step 8** using a (7/16 Socket).

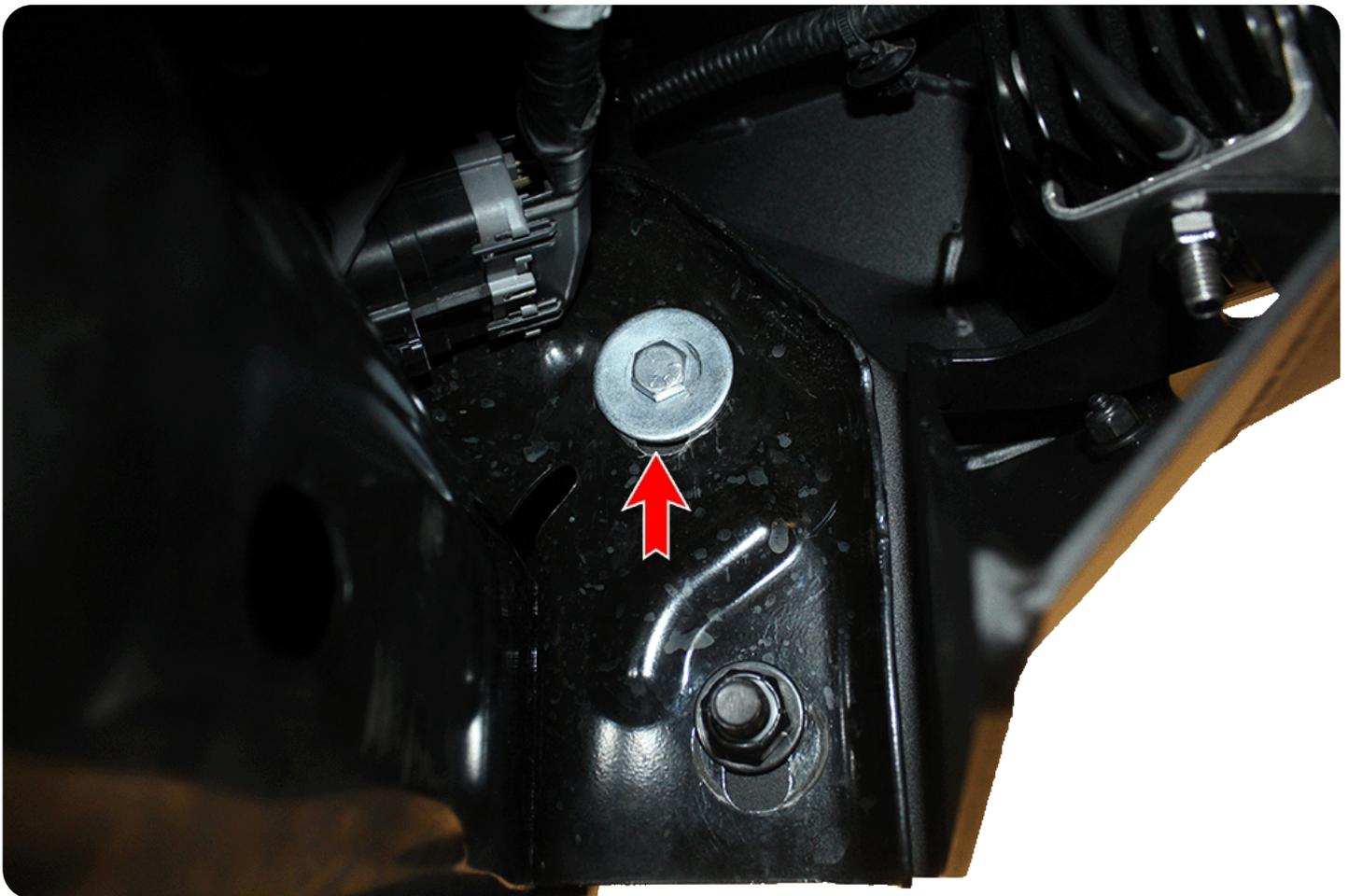


PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

INSTALL

STEP 16

Install the provided **(C, C1)** hardware using a (9/16 socket).



PHANTOM FRONT BUMPER 17-20/FORD RAPTOR

FINAL

STEP 1

Stand back and enjoy your new ADD Phantom™ Front Bumper.

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



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WWW.ADDICTIVEDESERTDESIGNS.COM/PATENTS

FOR ADDITIONAL SUPPORT OR TECHNICAL QUESTIONS,
PLEASE CALL 480-671-0820 OR
EMAIL INFO@ADDICTIVEDESERTDESIGNS.COM