



INSTALLATION GUIDE

23+ / FORD SUPER DUTY PHANTOM WINCH FRONT BUMPER F810335070103



TOOLS REQUIRED

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



TIME REQUIRED

- 4 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

- | | |
|---------------------------------------|----------------------------|
| (8) 3/8-16 X 1" Hex Head Bolt Grade 8 | (12) 1/2" Flat Washer |
| (8) 3/8" Fender Washer | (6) 1/2-13" Nylon Lock Nut |
| (8) 3/8-16 U-Nut | (4) 3/8-16" Carriage Bolt |
| (12) 3/8-16 X 1" Button Head Bolt | |
| (16) 3/8" Flat Washer | |
| (16) 3/8-16" Nylon Lock Nut | |
| (6) 1/2-13 X 1 1/2" Hex Head Grade 8 | |

⚠️ 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.

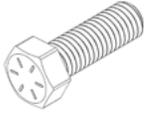
Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information:

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.



3/8-16 X 1" HEX HEAD BOLT GRADE 8

QTY: 8

A1.



3/8" FENDER WASHER

QTY: 8

A2.



3/8-16 U-NUT

QTY: 8

B.



3/8-16 X 1" BUTTON HEAD BOLT BLACK

QTY: 12

B1.



3/8 FLAT WASHER BLACK

QTY: 16

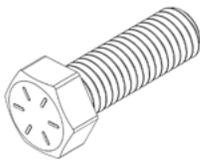
B2.



3/8-16 NYLON LOCK NUT BLACK

QTY: 16

C.



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

QTY: 6

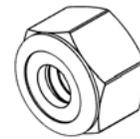
C1.



1/2" FLAT WASHER

QTY: 12

C2.



1/2-13 NYLON LOCK NUT

QTY: 6

D.



3/8-16 X 1" CARRIAGE BOLT

QTY: 4

PHANTOM WINCH FRONT BUMPER 23+/**FORD SUPER DUTY**

REMOVAL

STEP 1

Unplug the wiring harness located behind the bumper on the driver side frame rail.



PHANTOM WINCH FRONT BUMPER 23+/**FORD SUPER DUTY**

REMOVAL

□ STEP 2

Using a (fastener removal tool/flathead screwdriver) remove the clips holding the plastic molding.



PHANTOM WINCH FRONT BUMPER 23+/FORD SUPER DUTY

REMOVAL

□ STEP 3

Pull the plastic off to expose the mounting bolt.



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL

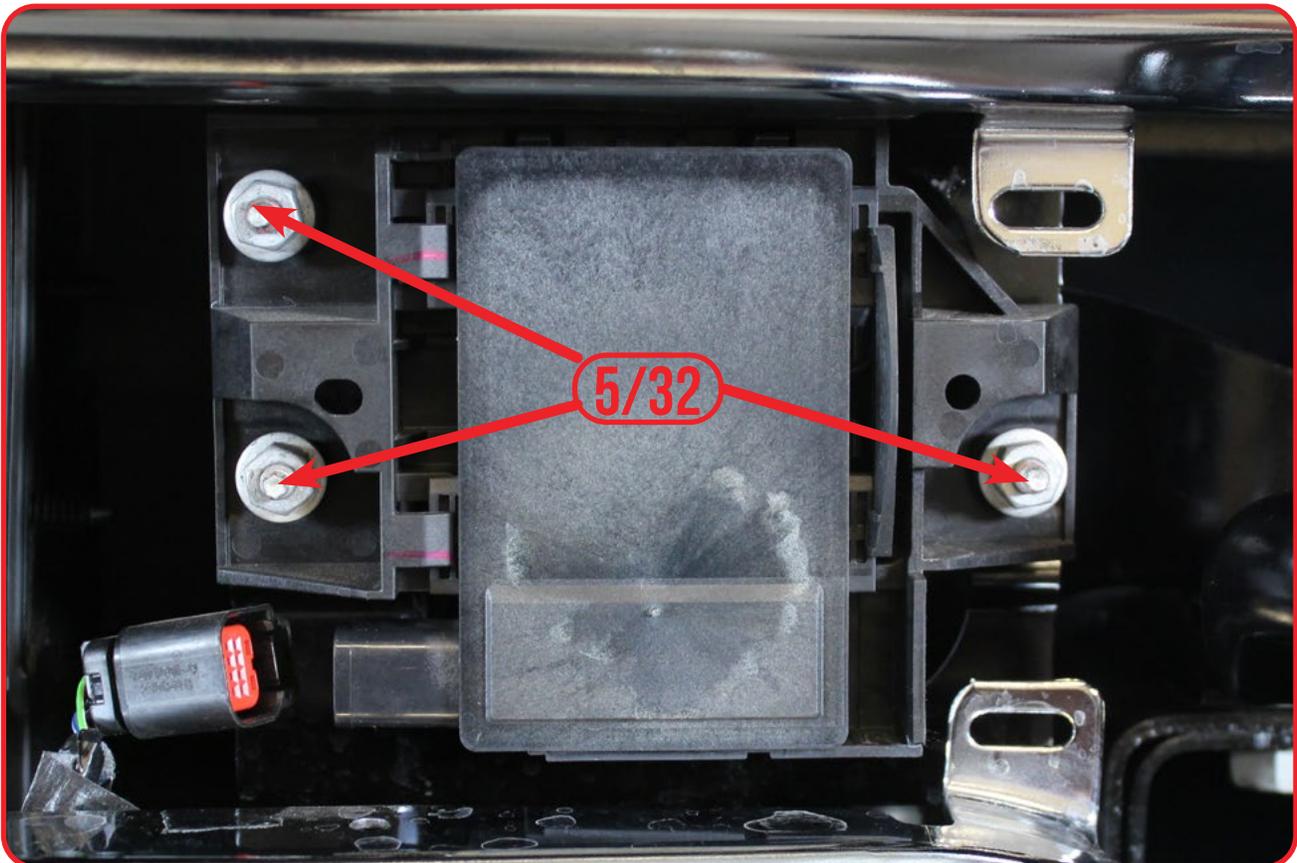
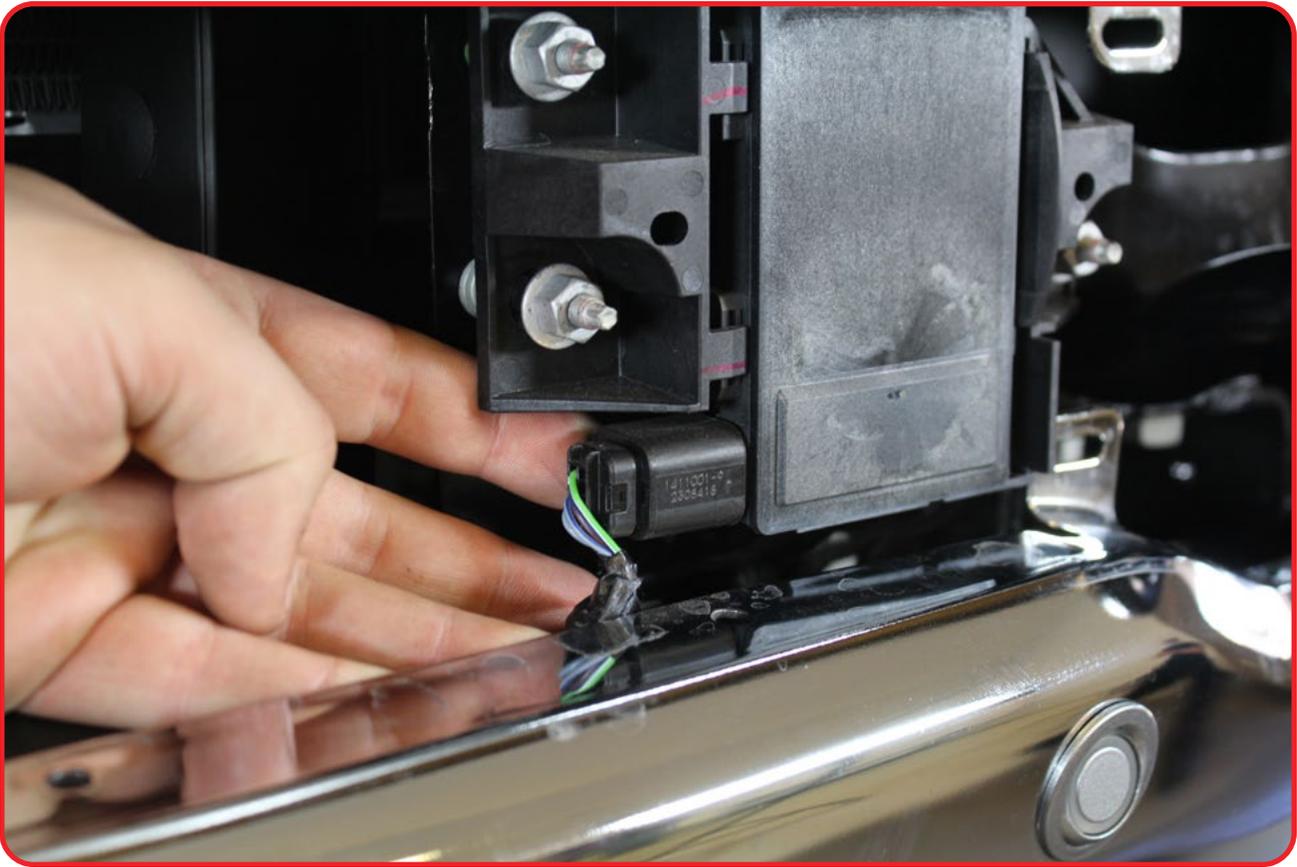
□ STEP 4

Locate the ACC module and remove the plug-in by pushing the tab down on the backside, next remove the bolts holding the ACC using a (5/32 socket). ****set the ACC aside and reference the ACC guide when the bumper is removed****



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL

□ STEP 5

Remove the two bolts per side along with the nut clips that are located behind the bumper along the frame rail using a (15mm Socket).



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL

□ STEP 6

Remove the four mounting bolts on each side using a (18mm Socket) and remove the plastic push pin located between the bumper and grill using a (fastener removal tool). You can now remove the stock bumper.



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL

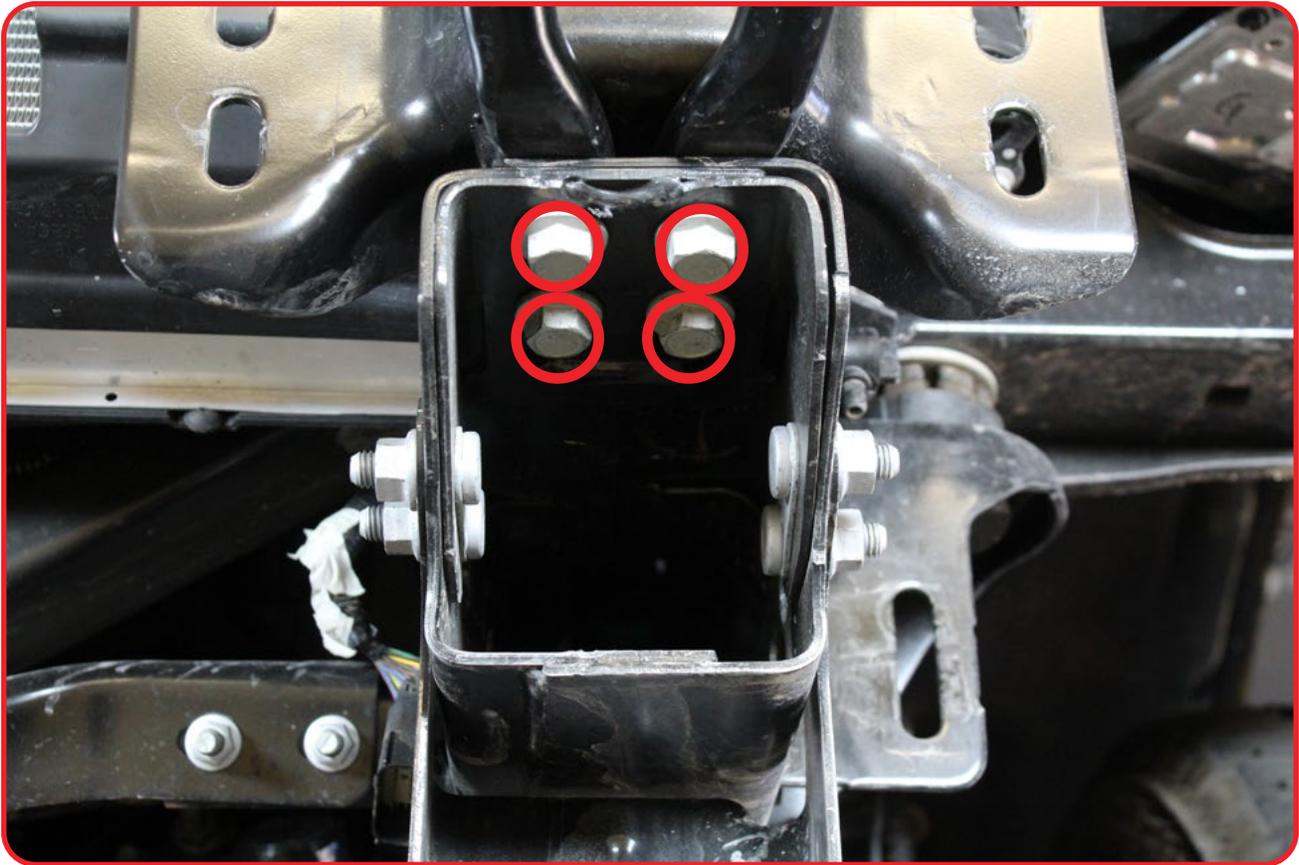
□ STEP 7

Remove the 4x top tow hook mounting bolts and the 4x side tow hook mounting bolts using a (18mm Socket).



BOMBER FRONT BUMPER
23+ / FORD SUPER DUTY

REMOVAL



PHANTOM WINCH FRONT BUMPER 23+/FORD SUPER DUTY

REMOVAL

□ STEP 8

Using a (fastener removal tool), remove the clips holding the shroud as shown below.



□ STEP 9

If your vehicle has a lower inner cooler, remove that shroud as well.

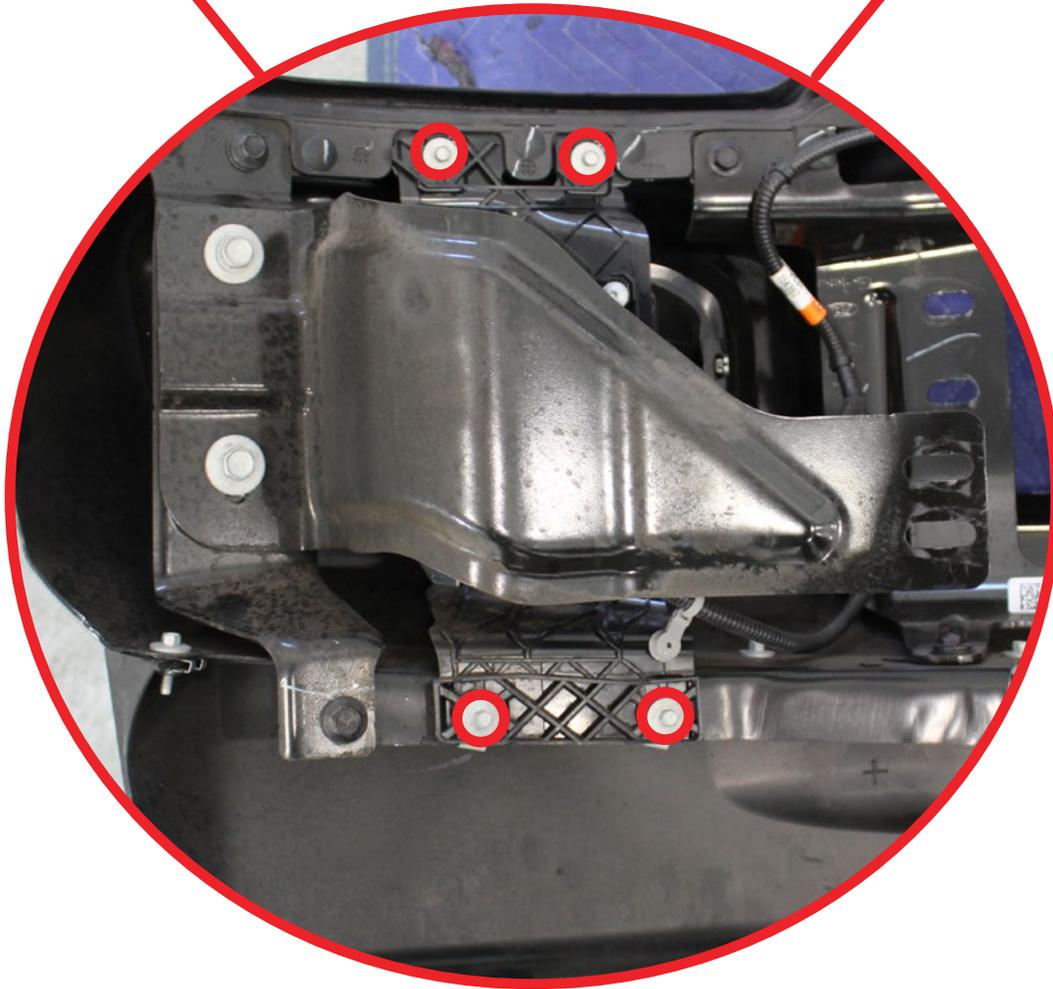


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL

□ STEP 10

Remove the 4x bolts (each side) using a (5/16 socket).

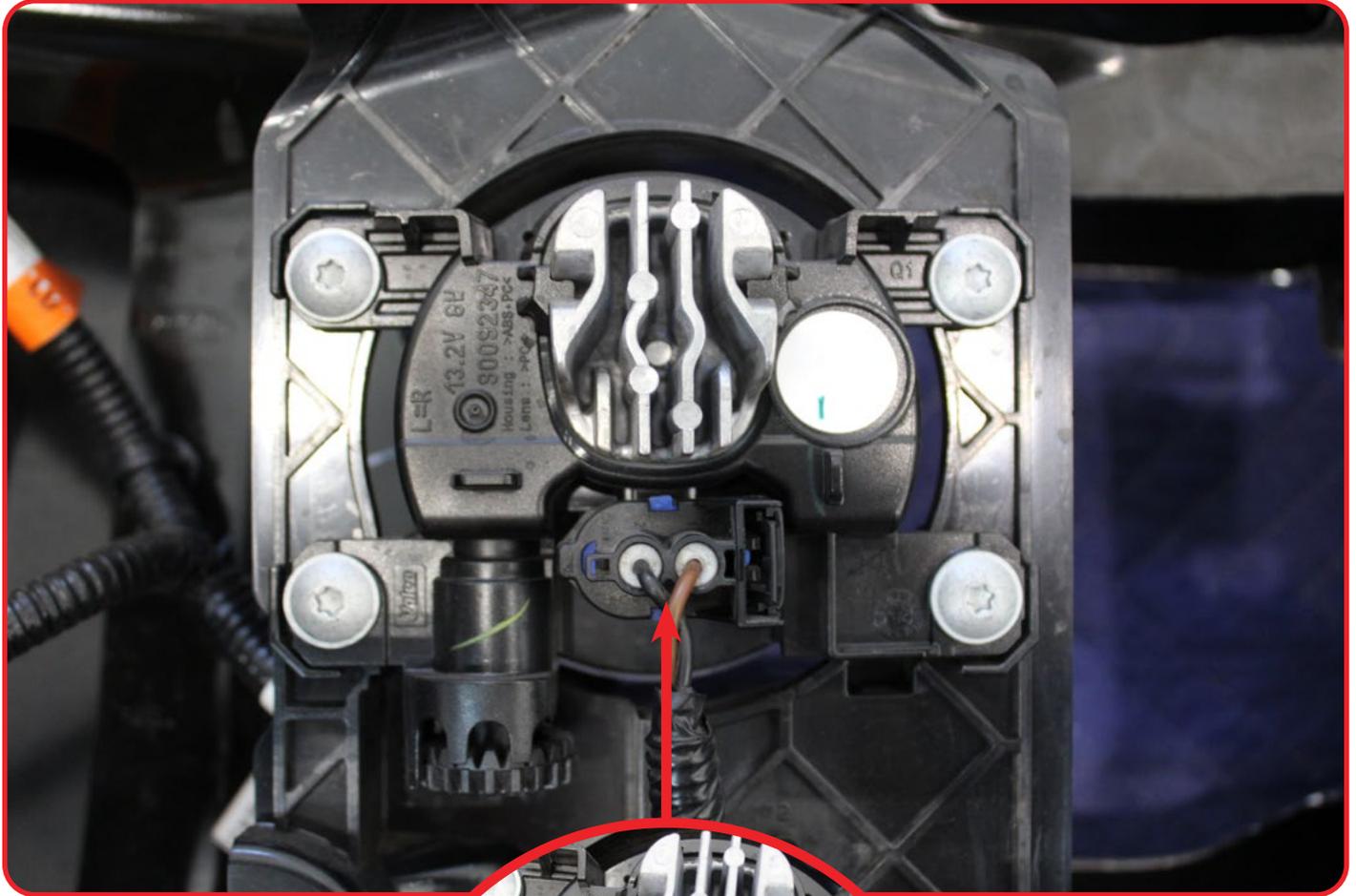


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL

□ STEP 11

Unplug the fog light as shown below.

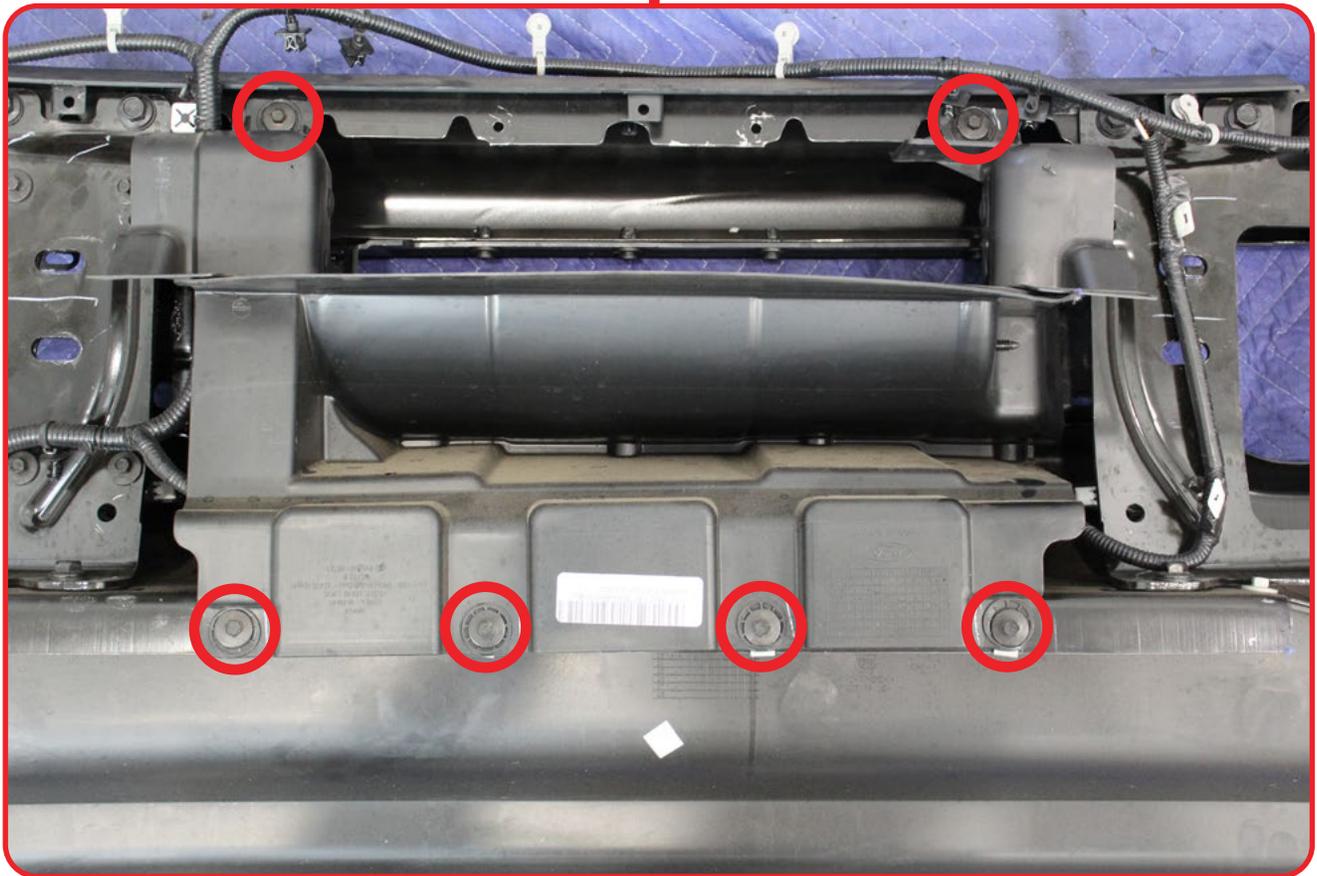
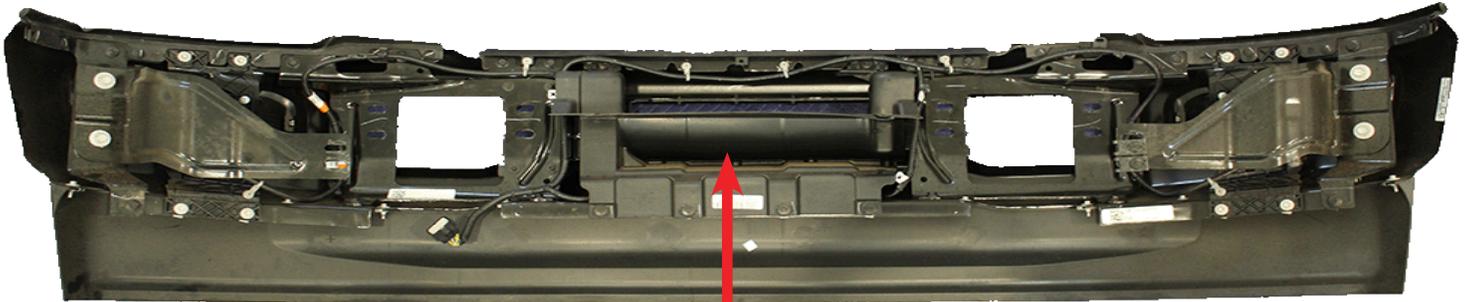


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL

□ STEP 12

Remove the 6x bolts as shown below using a (5/16 socket).

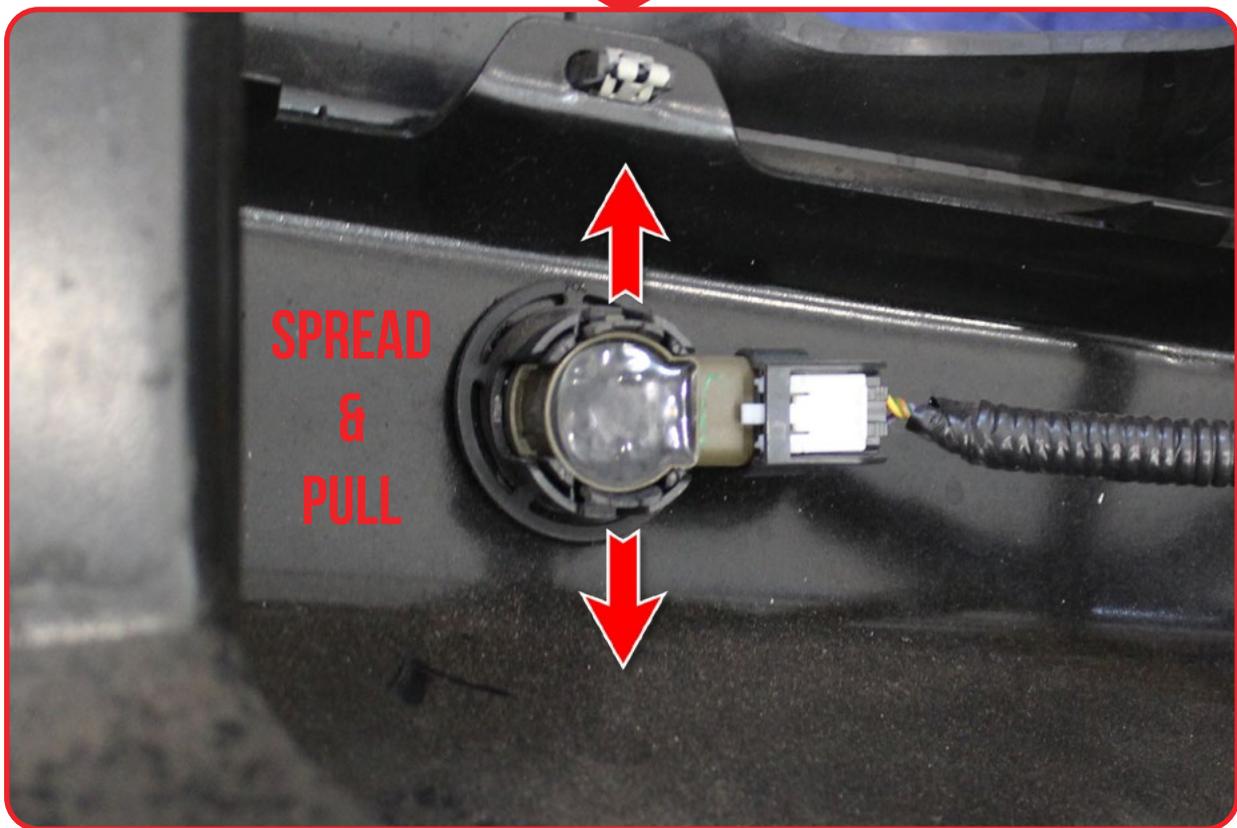
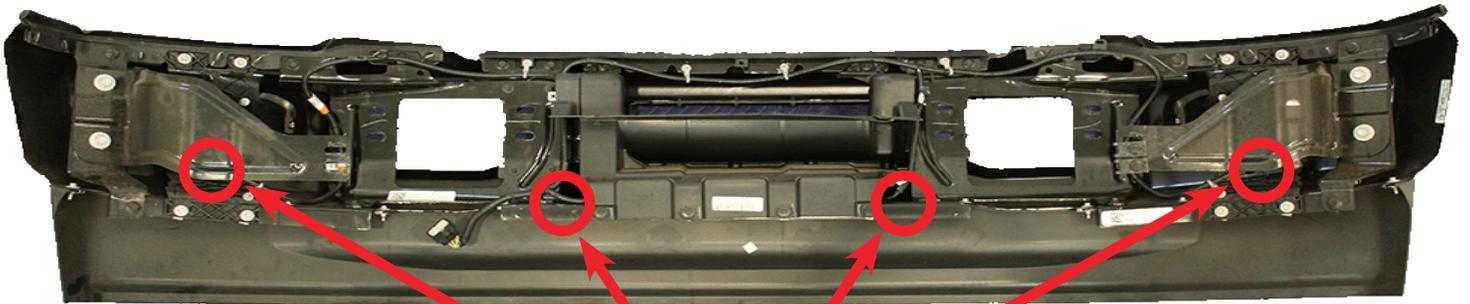


PHANTOM WINCH FRONT BUMPER 23+/FORD SUPER DUTY

REMOVAL

□ STEP 13

Remove the sensors from the bezels by spreading the tabs and pushing the sensor out.

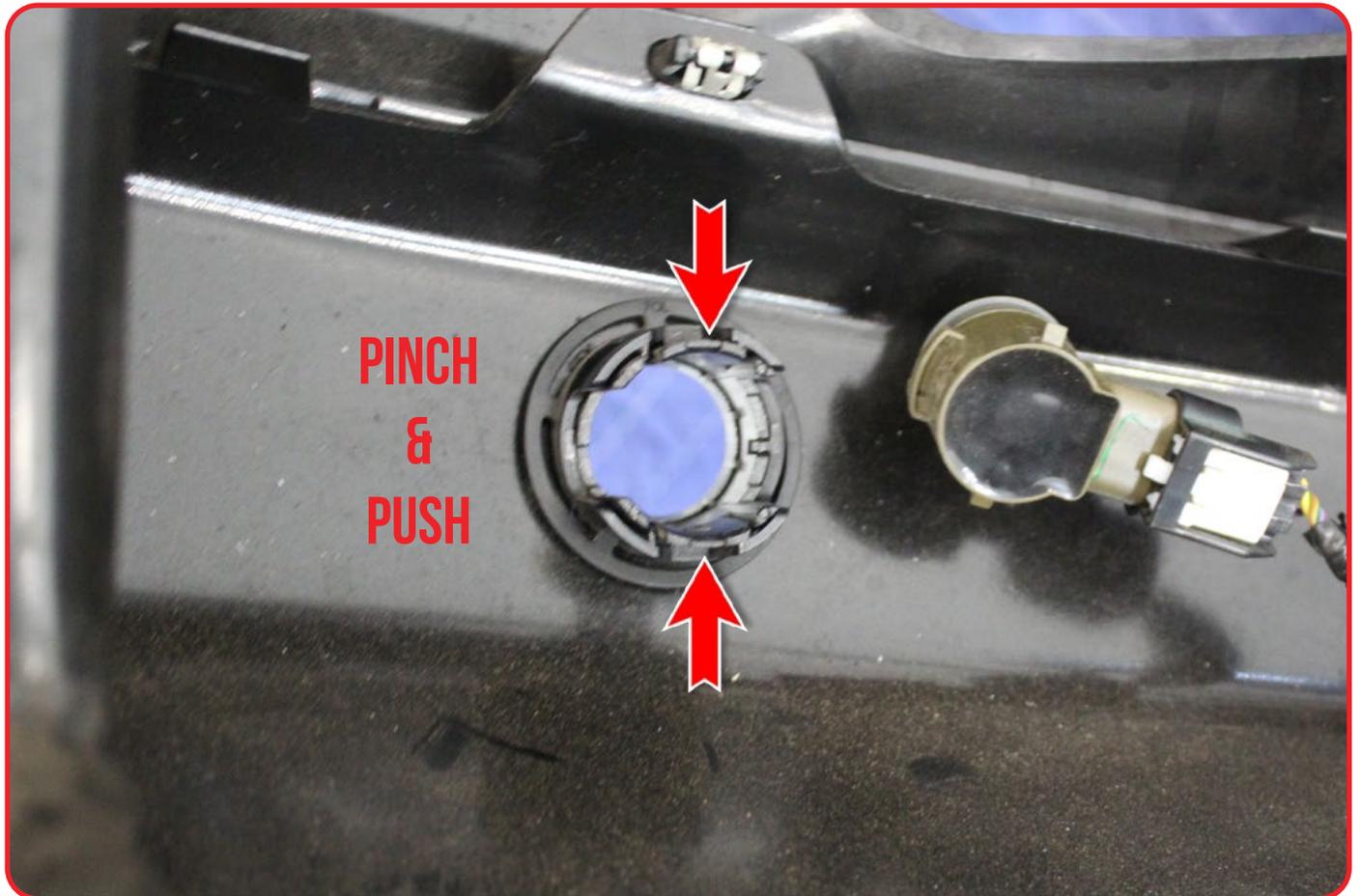


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

REMOVAL

□ STEP 14

Remove the sensor bezels by pinching the bezel tabs in and pushing out towards the front of the bumper. ****REMEMBER THE ORIENTATION FOR IT WILL BE IMPORTANT LATER IN THE INSTALL****



PHANTOM WINCH FRONT BUMPER 23+/FORD SUPER DUTY

REMOVAL

□ STEP 15

Using a (flat file), File the tabs located on the sensor bezel backer as shown below.



□ STEP 16

If your vehicle is equipped with Adaptive Cruise Control, relocate the sensor at this time with the ADD Relocation Bracket (part# AC81152501NA- sold separately).

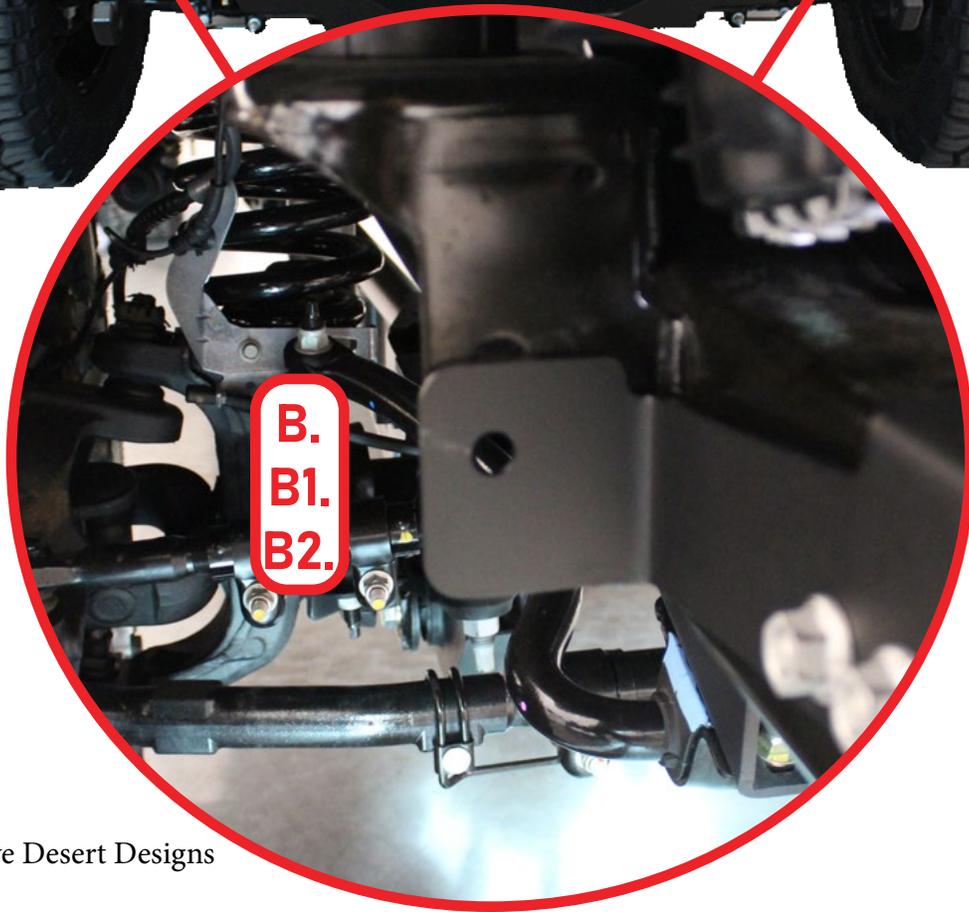
<https://www.addictivedesertdesigns.com/cdn/shop/files/ADD-23-SuperDuty-ACC-InstallGuide.pdf?v=13468002646066146193>

PHANTOM WINCH FRONT BUMPER 23+/FORD SUPER DUTY

INSTALL

□ STEP 17

Using a (3/4" socket and wrench), install the winch plate by using the provided **(B, B1, B2)** 3/8-16 X 1" Button head bolts, 3/8" flat washers, and 3/8-16" nylon lock nuts to the back mounting holes.

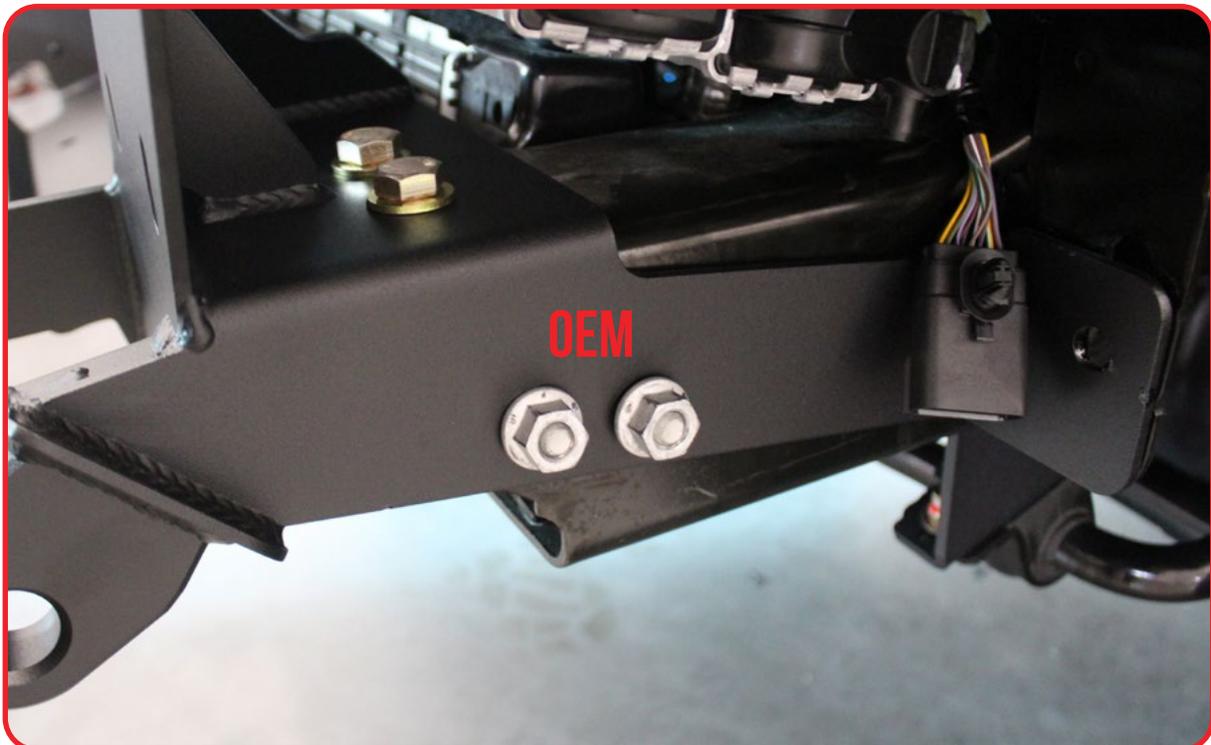
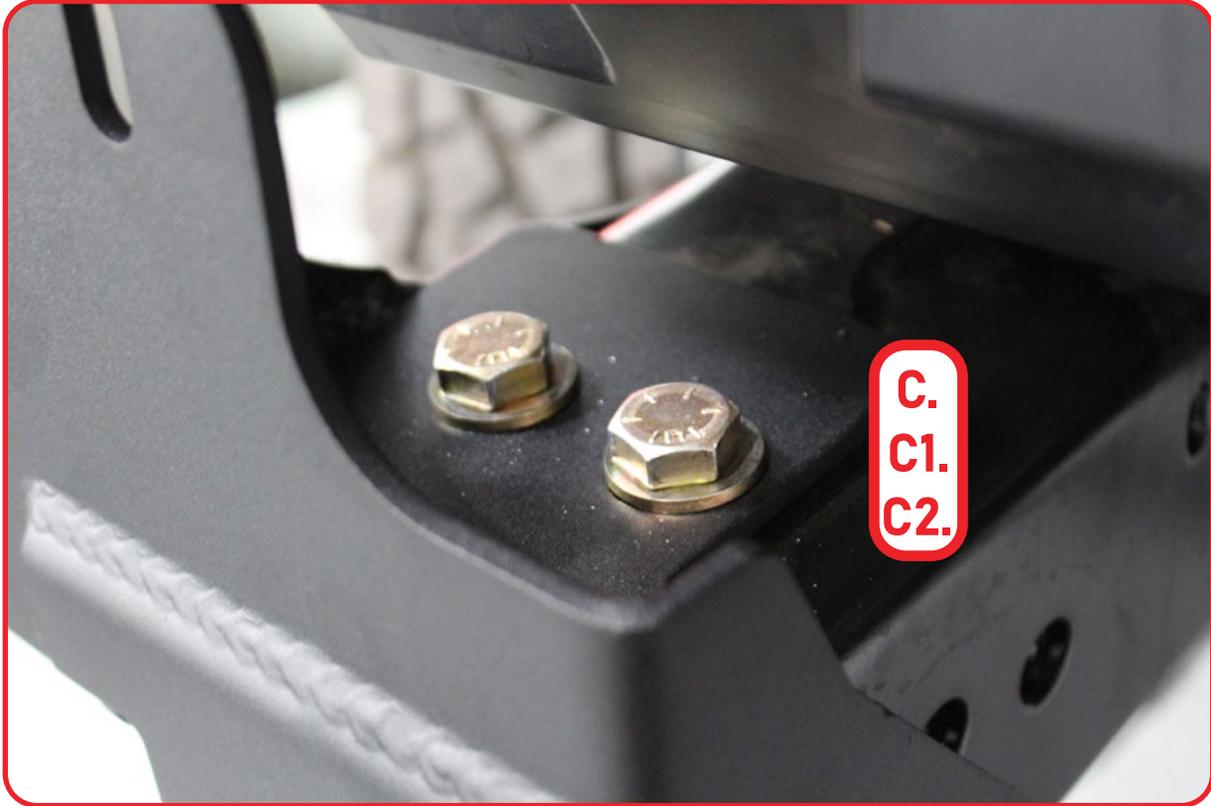


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 18

Using a (3/4 socket) and a (3/4 Wrench) install the (**C, C1, C2**) hardware on top. Next install the OEM hardware removed from **step 7** using a (18mm socket).

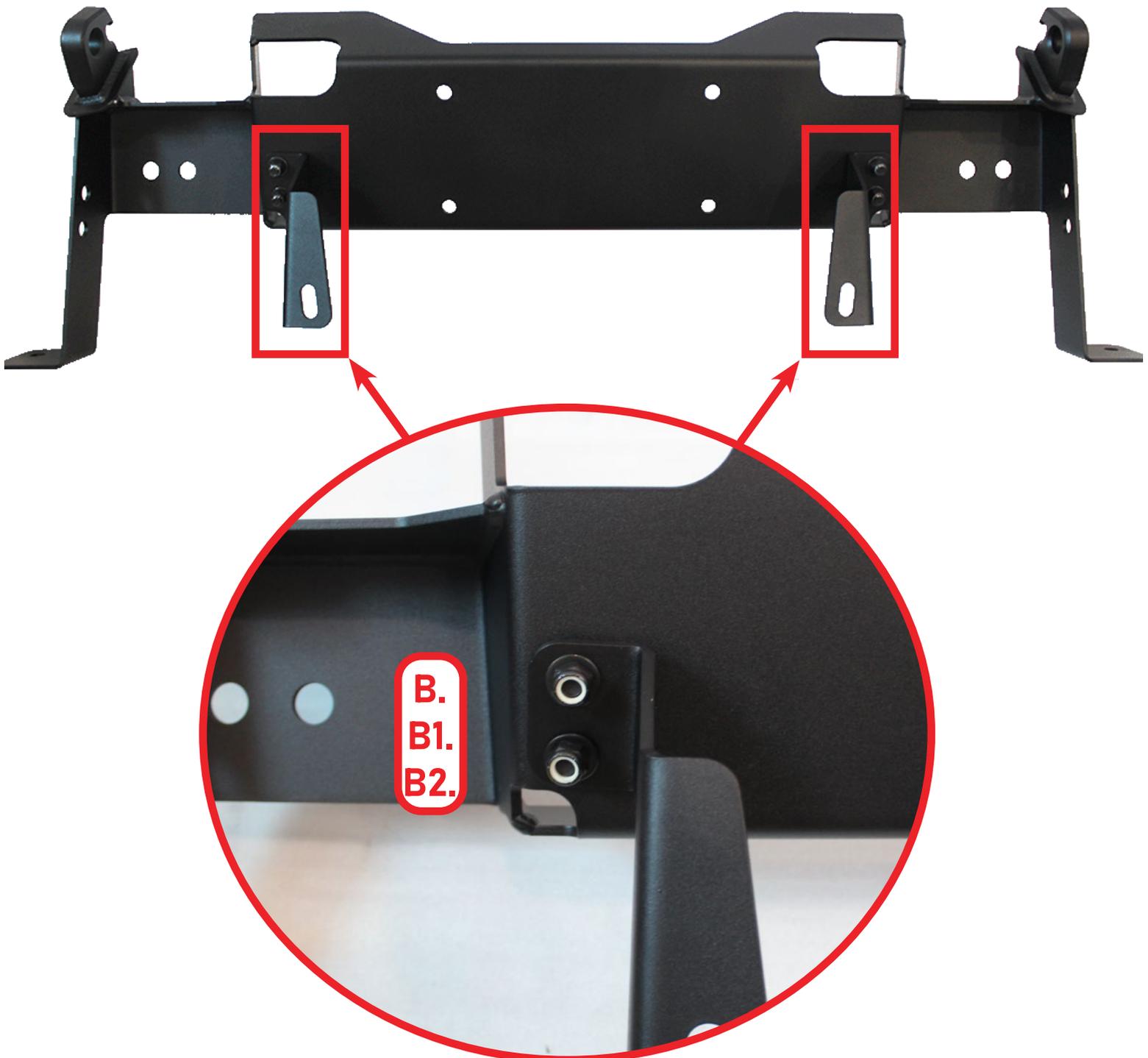


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 19

Using a (7/32 allen) and a (9/16 wrench), install the bottom support brackets with the provided **(B, B1, B2)** 3/8-16 X 1" button head bolts, 3/8" flat washers, and 3/8-16" nylon lock nuts as shown below.



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

STEP 20

Now would be a good time to install the winch.



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 21

Using a (7/32 allen) and a (9/16 wrench), install the skid plate to the bumper using the provided (B, B1, B2) 3/8-16 X 1" button head bolts, 3/8" flat washers, and 3/8-16" nylon lock nuts as shown below.

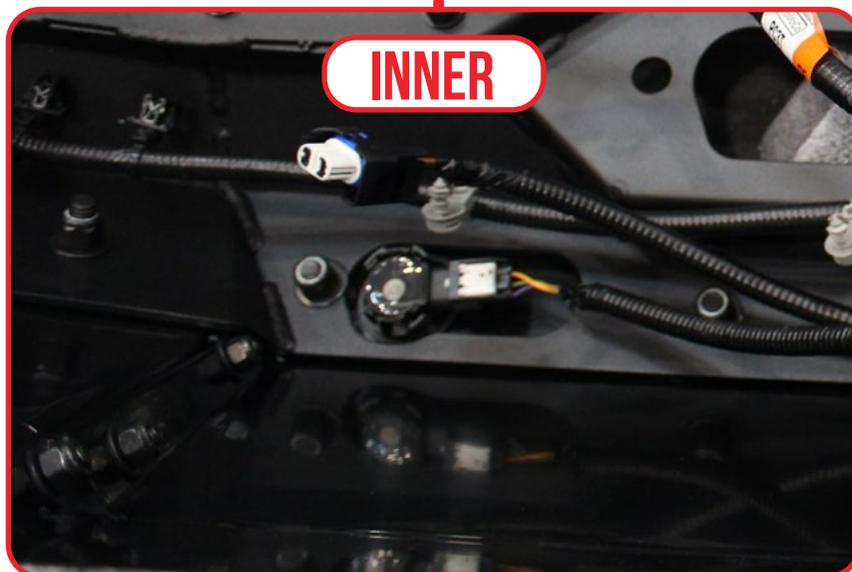


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 22

Install the sensors/sensor bezels in the correct orientation removed from step 13 & 14.

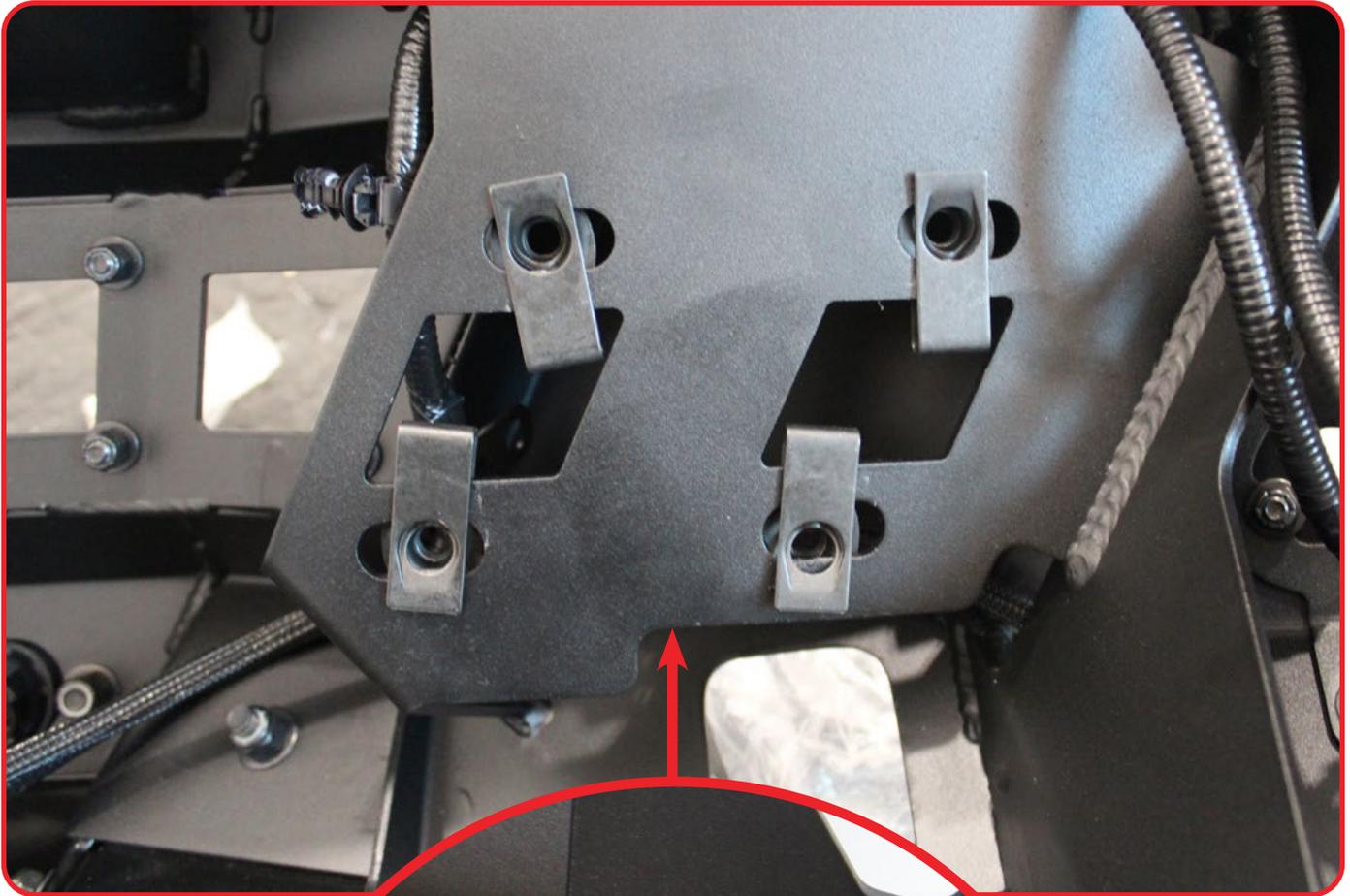


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 23

Install the 8x (A2) 3/8-16" nut clips.

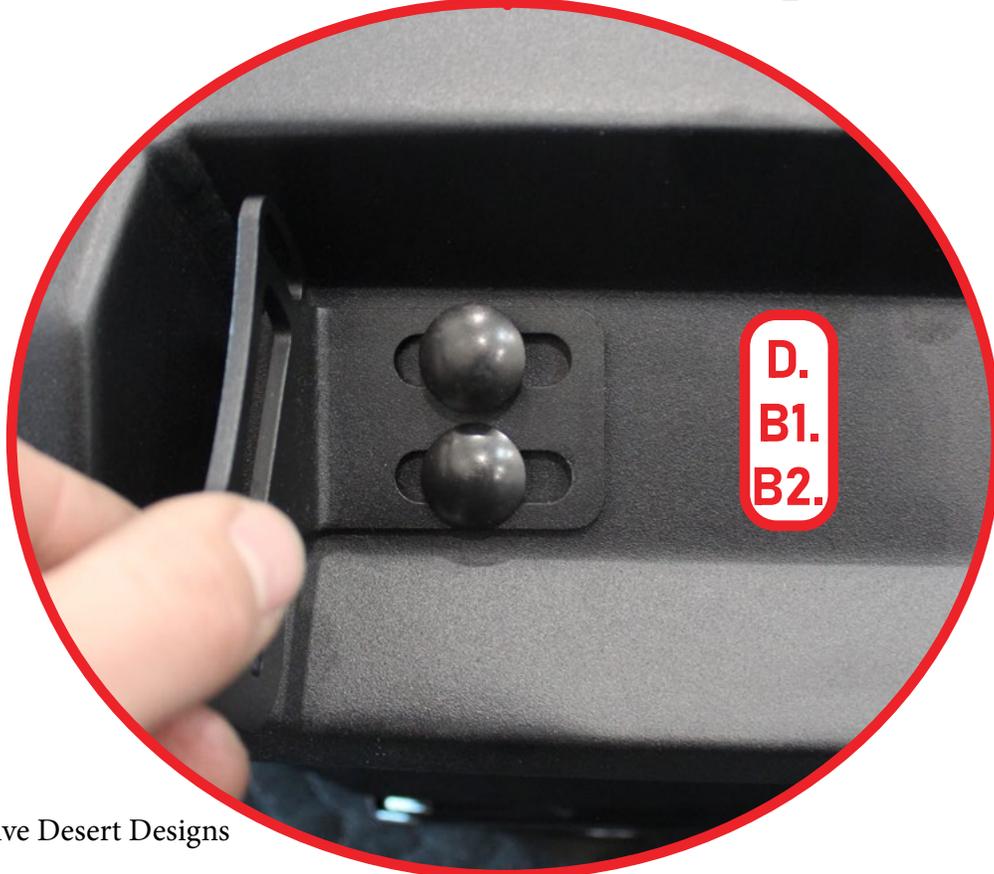


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 24

Using a (9/16 wrench), Install the light brackets using the provided (D, B1, B2) 3/8-16 X 1" carriage bolts, 3/8" flat washers, and 3/8-16" nylon lock nuts.

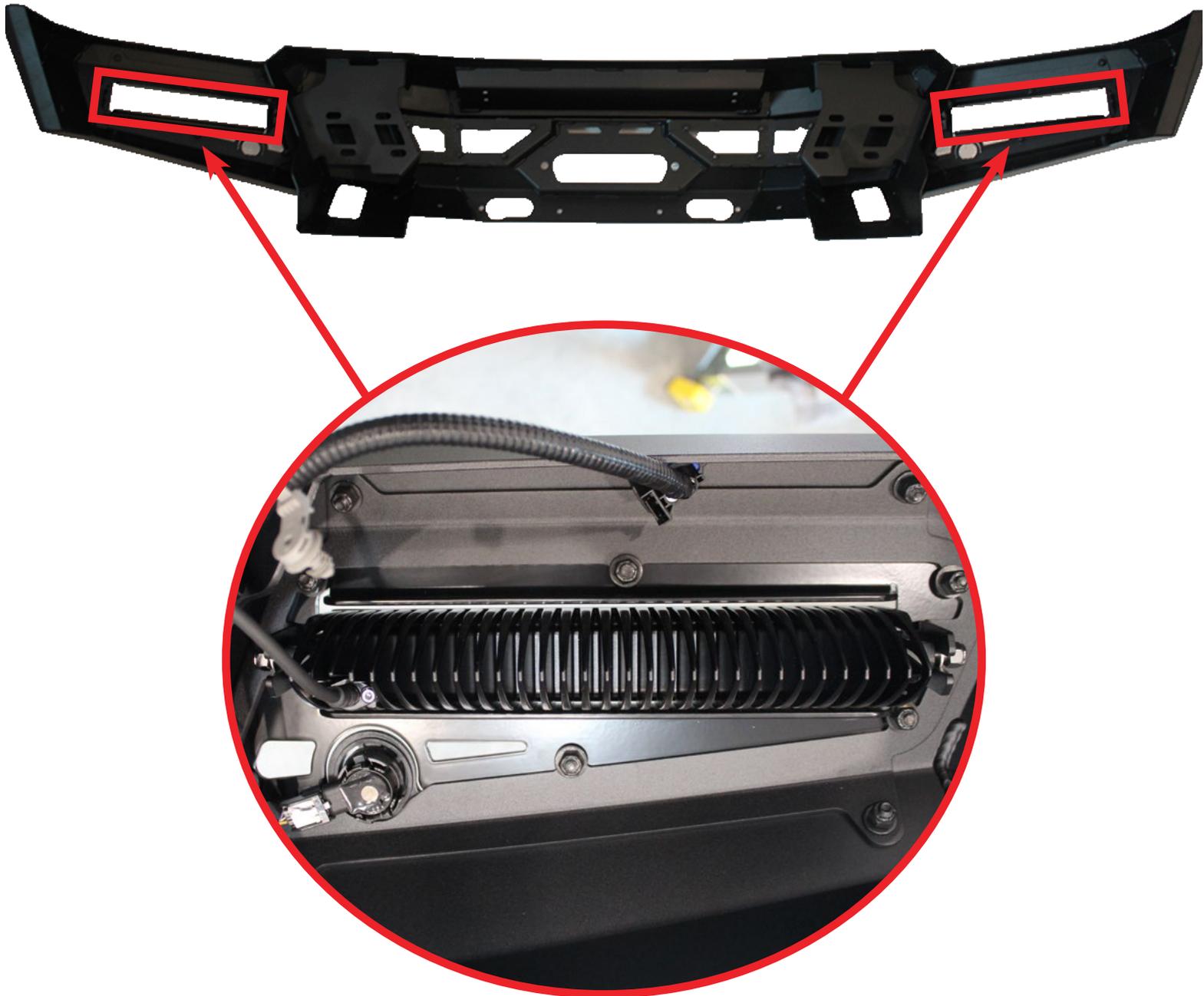


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 25

Install the 10" lights in the provided light mount brackets as shown below.



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 26

Using a (9/16 socket), you can now install your bumper with the provided (A, A1) 3/8-16 X 1" hex head bolts, and 3/8" fender washers.

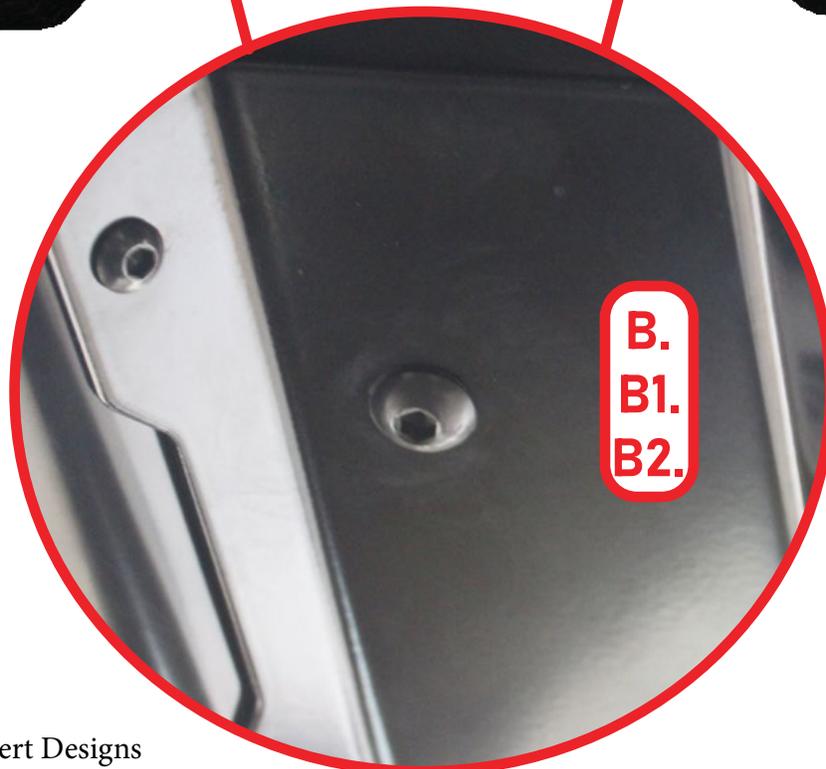


PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

INSTALL

□ STEP 27

Using a (7/32 allen) and a (9/16 wrench), install the skid plate bolts to the brackets installed on step 19 using the provided (B, B1, B2) 3/8-16 X 1" button head bolts, 3/8" flat washers, and 3/8-16" nylon lock nuts.



PHANTOM WINCH FRONT BUMPER 23+/FORD SUPER DUTY

INSTALL

□ STEP 28

Plug in the wiring harness located on the driver side frame rail.



PHANTOM WINCH FRONT BUMPER 23+ / FORD SUPER DUTY

FINAL

□ STEP 29

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

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



THIS PRODUCT IS PROTECTED BY ONE OR MORE U.S. PATENTS
WWW.ADDICTIVEDESERTDESIGNS.COM/PATENTS

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