

2021-UP/FORD F-150

BLACK LABEL FRONT BUMPER

F190300010103



TOOLS REQUIRED

- (Sockets) 7/16, 9/16, 3/4, 8mm, 10mm, 15mm, 21mm
- (Box end wrenches) 7/16, 9/16, 3/4, 8mm, 10mm, 15mm, 21mm
- (Allen wrenches) 5/32, 5/16
- (Torx) T20, T30
- Fastener remover or flathead screwdriver
- Zip ties
- Ratchet
- Jigsaw (or preferred cutting tool)
- Razor/scissors



SKILL LEVEL

-Medium/Moderate

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



TIME REQUIRED

- 2 hours for OEM Removal/Bumper Install
- 1 Additional Hour for Wiring

****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.****



INCLUDED IN KIT

- | | |
|------------------------------------|--------------------------------------|
| (12) 3/8-16 X 1 1/4" Hex Head Bolt | (2) 1/2-13 X 1 1/2" Button Head Bolt |
| (24) 3/8" Flat Washer | (2) 1/2" Flat Washer |
| (12) 3/8-16" Nylon Lock Nut | (2) 1/2-13" Nylon Lock Nut |
| (6) 3/8" Fender Washer | (4) 3/8-16 X 1" Carriage Bolt Black |
| (4) 3/8-16" Nut Clip | (4) 3/8-16" Nylon Lock Nut Black |
| (2) 1/4-20 X 1" Button Head Bolt | |
| (2) 1/4" Flat Washer | |
| (2) 1/4-20" Nylon Lock Nut | |

⚠️ 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.

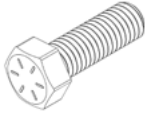
We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle.

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.

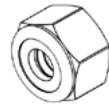
3/8-16 X 1 1/4" HEX HEAD

QTY: 12

A1.

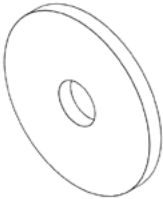
3/8" FLAT WASHER

QTY: 24

A2.

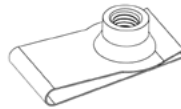
3/8-16" NYLON LOCK NUT

QTY: 12

A3.

3/8" FENDER WASHER

QTY: 6

A4.

3/8-16" NUT CLIP

QTY: 4

B.

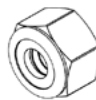
1/4-20 X 1" BUTTON HEAD

QTY: 2

B1.

1/4" FLAT WASHER

QTY: 2

B2.

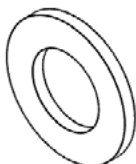
1/4-20" NYLON LOCK NUT

QTY: 2

C.

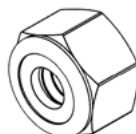
1/2-13 X 1 1/2" BUTTON HEAD

QTY: 2

C1.

1/2" FLAT WASHER

QTY: 2

C2.

1/2-13" NYLON LOCK NUT

QTY: 2

D.

3/8-16 X 1" CARRIAGE BOLT

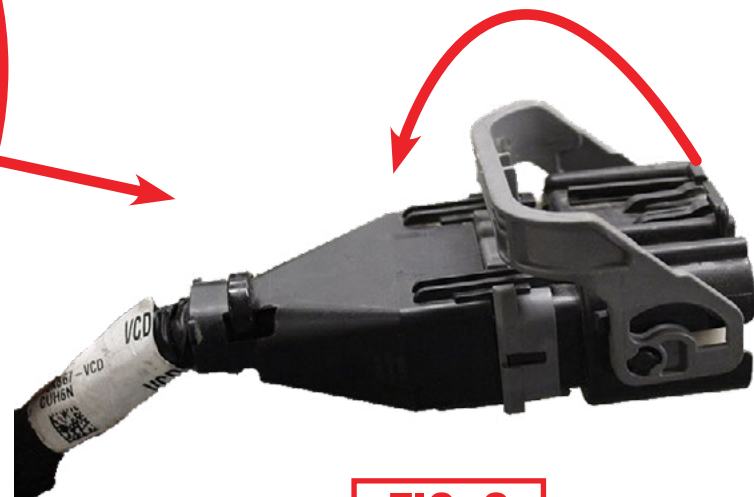
QTY: 4

BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

□ STEP 1

Located on the passenger side above the frame rail, unplug the main wiring harness shown on figure 1 by pulling the tab back shown on figure 2.



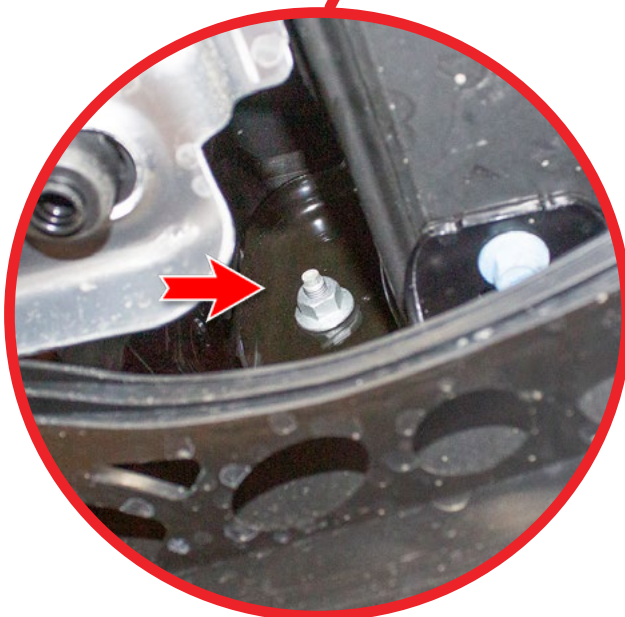
BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

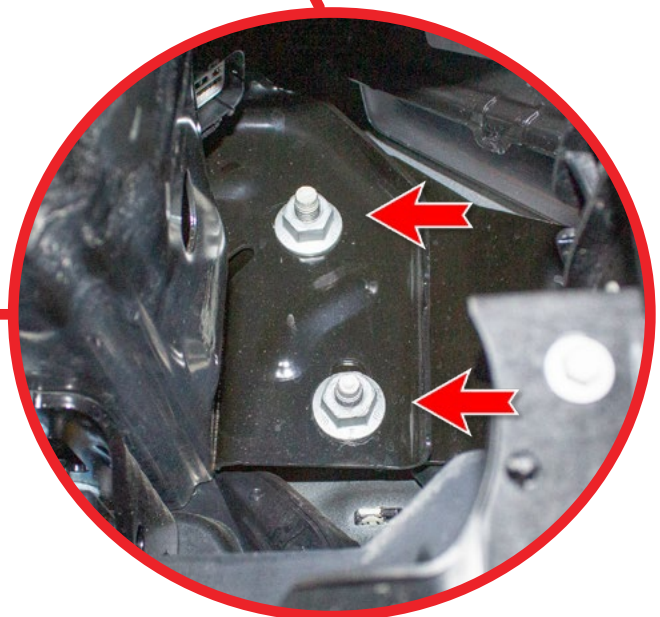
□ STEP 2

Use a 21mm socket to remove the three bumper mounting bolts at each frame horn. (Repeat on other side) Remove OEM bumper from vehicle.

Recommended to have someone stabilize the bumper while removing mounting bolts to prevent the bumper from falling



INSIDE



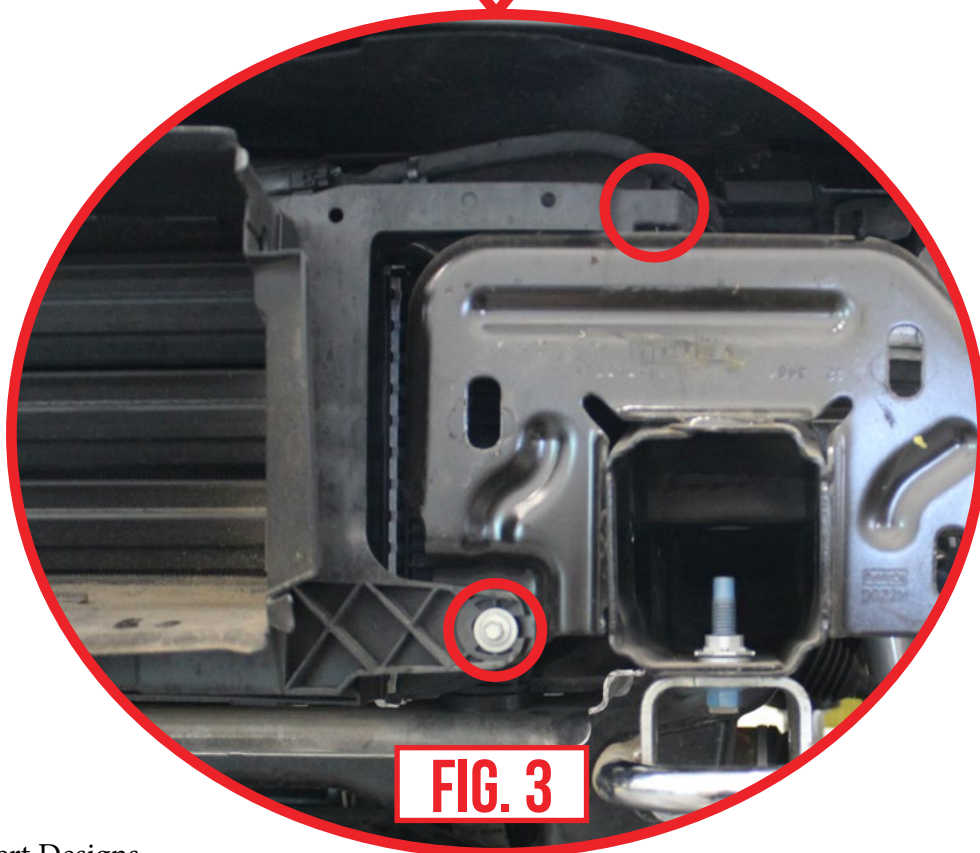
OUTSIDE

BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

□ STEP 3

Using a 10mm socket, remove the intercooler shroud bolts located on top and bottom of the frame horns shown on **figure 3**.

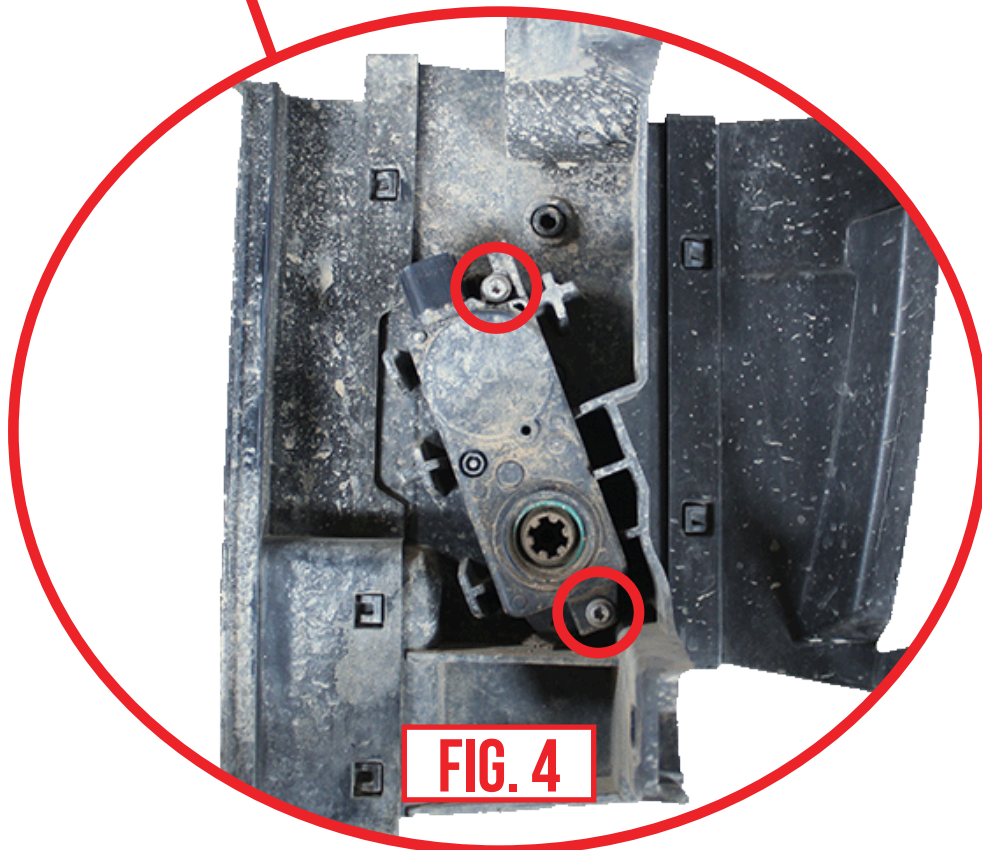


BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

□ STEP 4

Using a T20 remove the shutter motor located on the passenger side of the intercooler shroud shown on figure 4. ****Set aside for it will be reused later in the install****

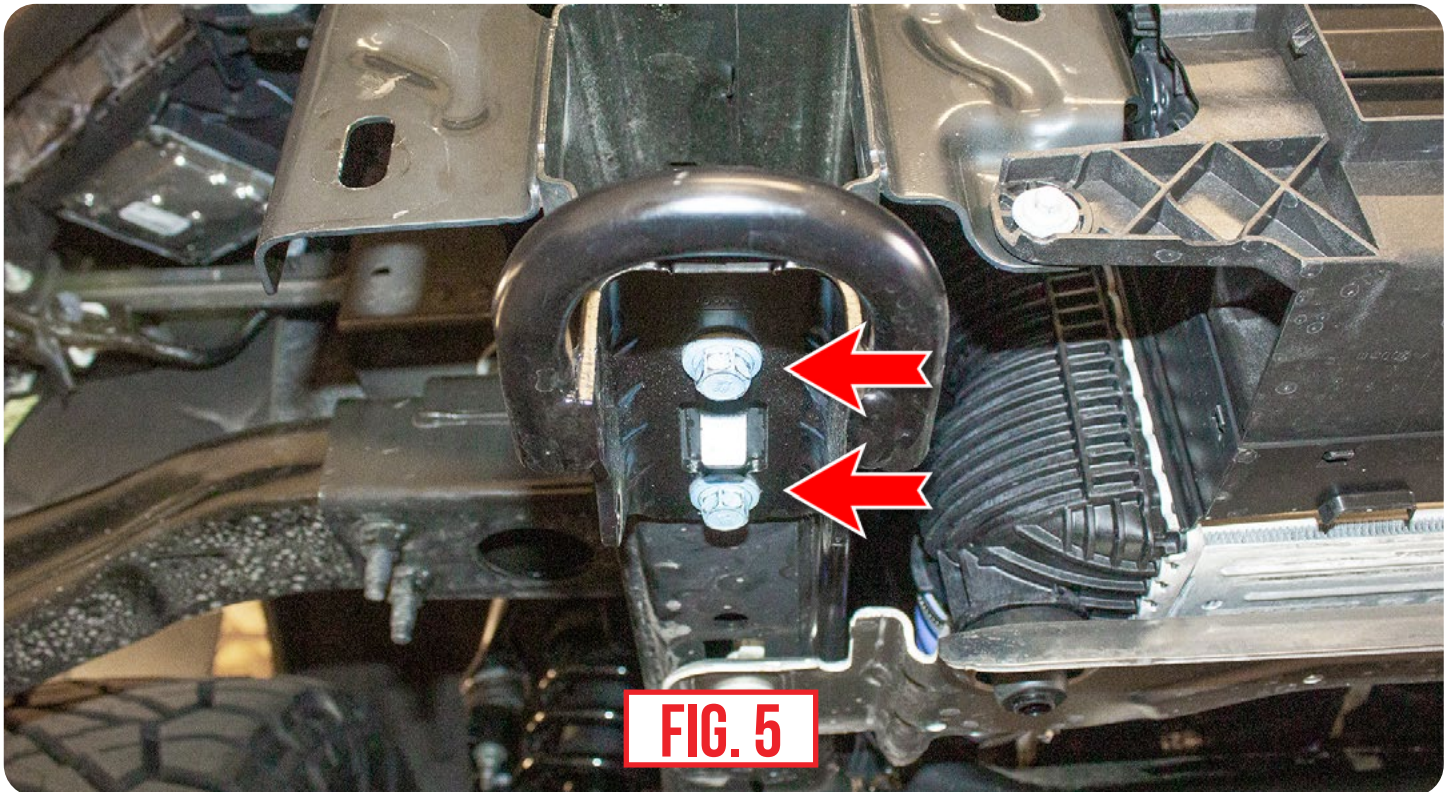


BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

□ STEP 5

Using a 15mm socket, remove the OEM tow hooks shown on figure 5.



BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

□ STEP 6

Use your preferred cutting tool to remove the crash bars located on each side of the vehicle. ****Paint after cutting to prevent future rust****

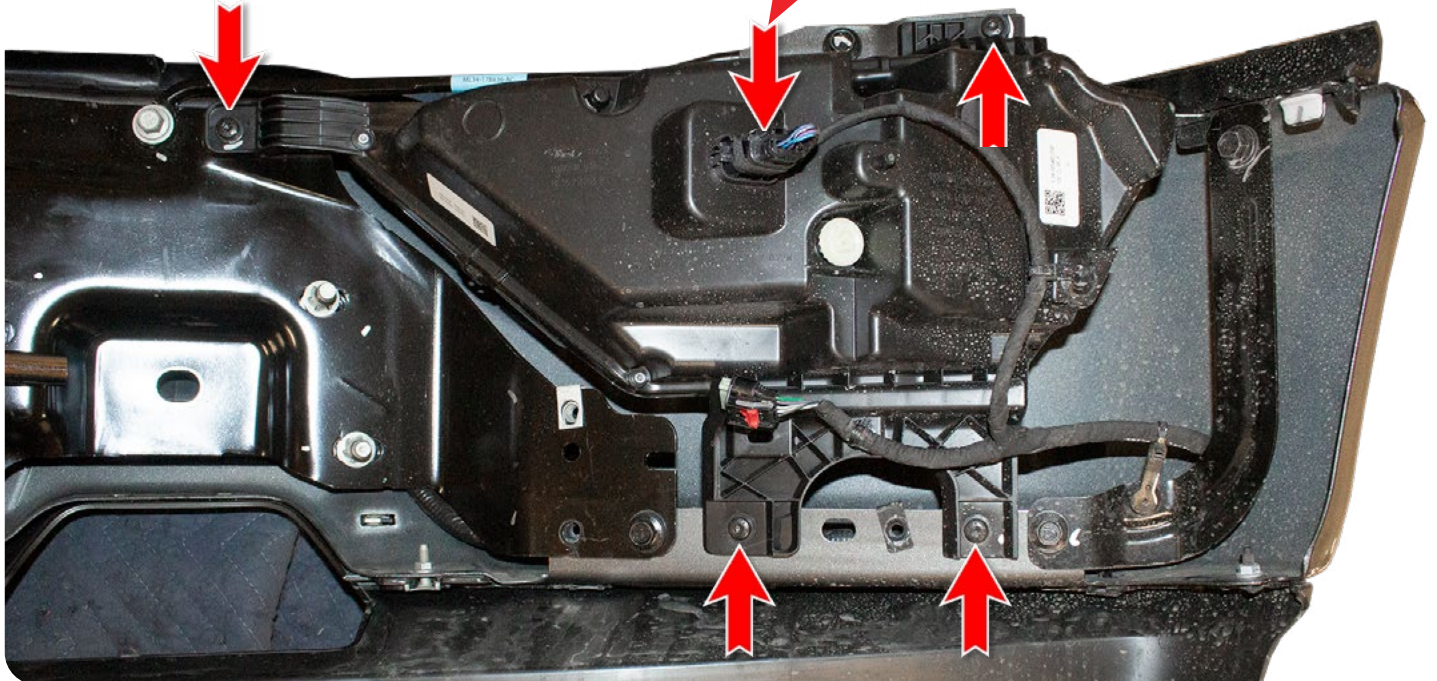
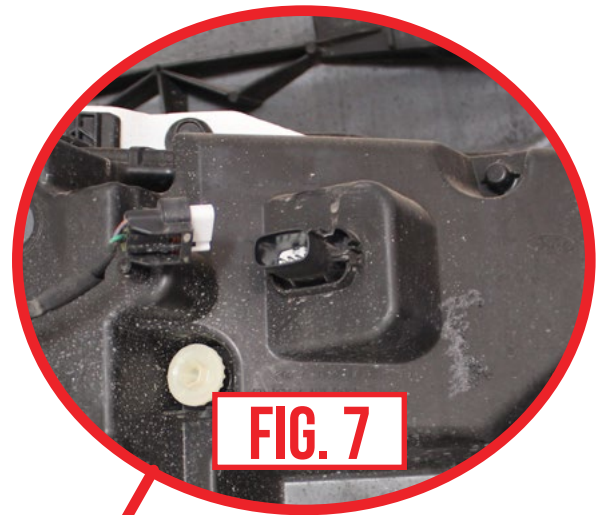


BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

□ STEP 7

Using a T30 torx, remove the covers to the fog lights as shown in figure 6 and unplug the fog lights as shown in figure 7.

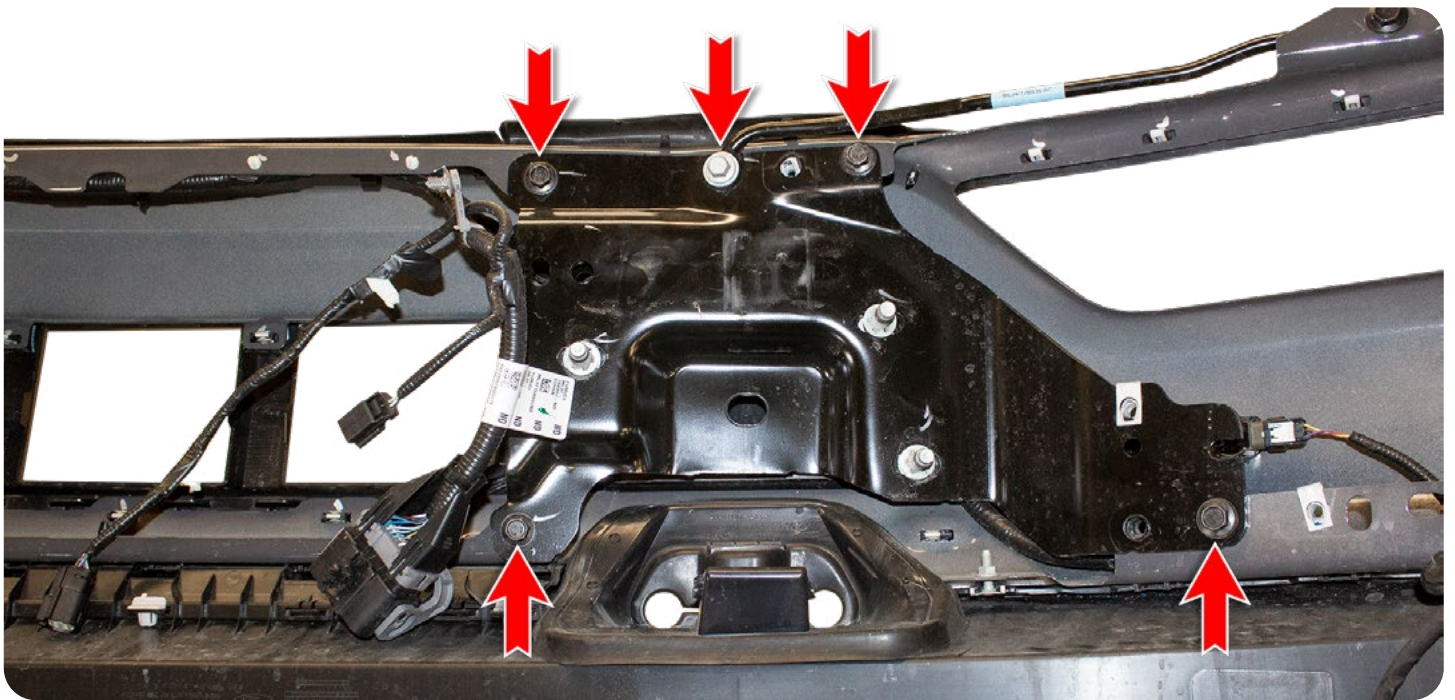


BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

□ STEP 8

Using a 10mm socket, remove the middle supports shown on figure 8.

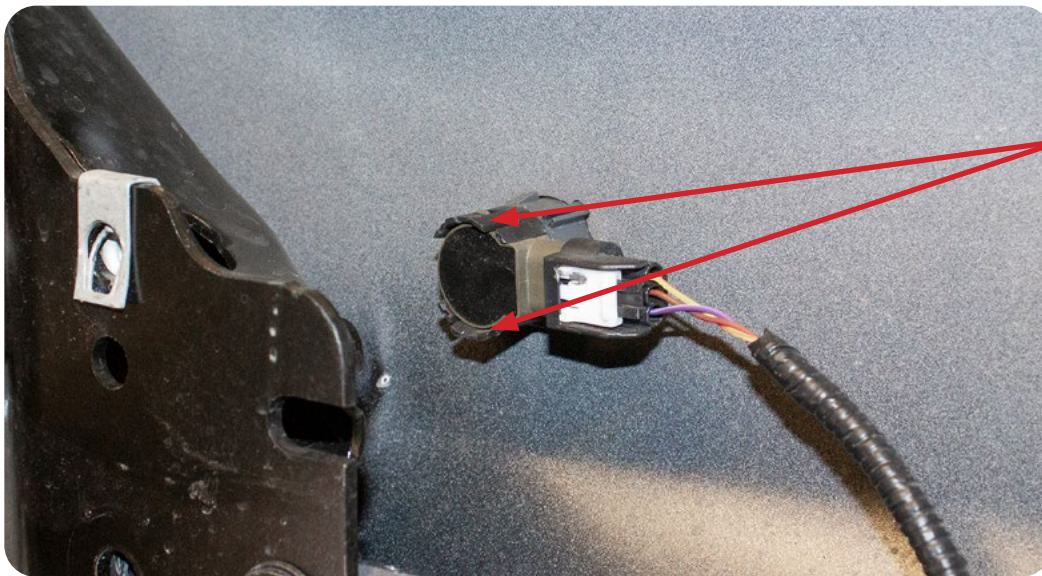


BLACK LABEL FRONT BUMPER 2021-UP/F-150

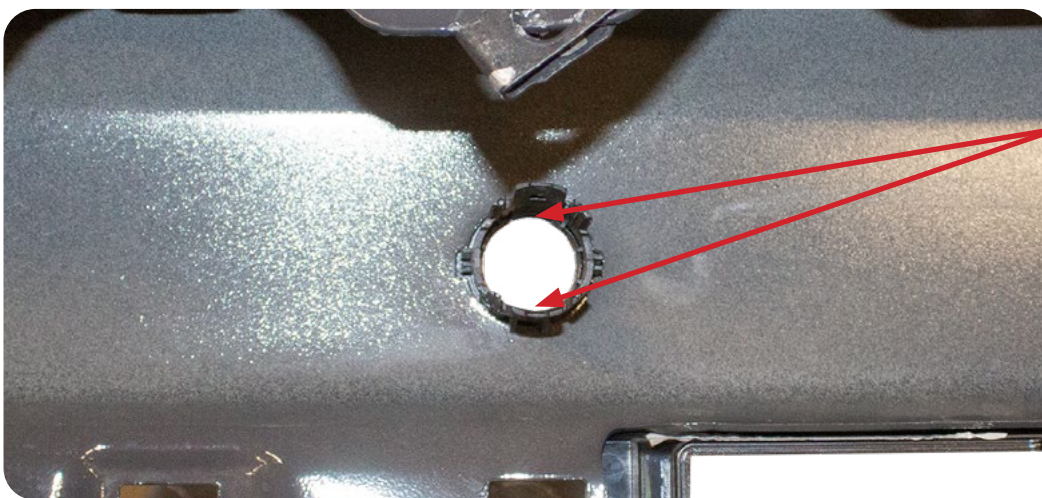
REMOVAL

□ STEP 9

Remove the parking sensors and bezels from the stock bumper, You can now remove the wire harness and set aside for install. ****Take note of the location and orientation prior to removal. This will be referenced later on in the install****



**SPREAD THESE
TWO TABS TO RELEASE
THE PARKING SENSORS
FROM THEIR MOUNTING
RINGS.**



**PRESS THESE TWO
TABS IN TO RELEASE THE
MOUNTING RINGS FROM
THE BUMPER.**

BLACK LABEL FRONT BUMPER 2021-UP/F-150

REMOVAL

□ STEP 10

Trim the mounting tabs to accommodate for the thickness of the material on your new bumper.



□ STEP 11

If your vehicle is equipped with Adaptive Cruise Control, relocate the sensor at this time with the ADD Relocation Bracket (part# AC19152501NA - sold separately).

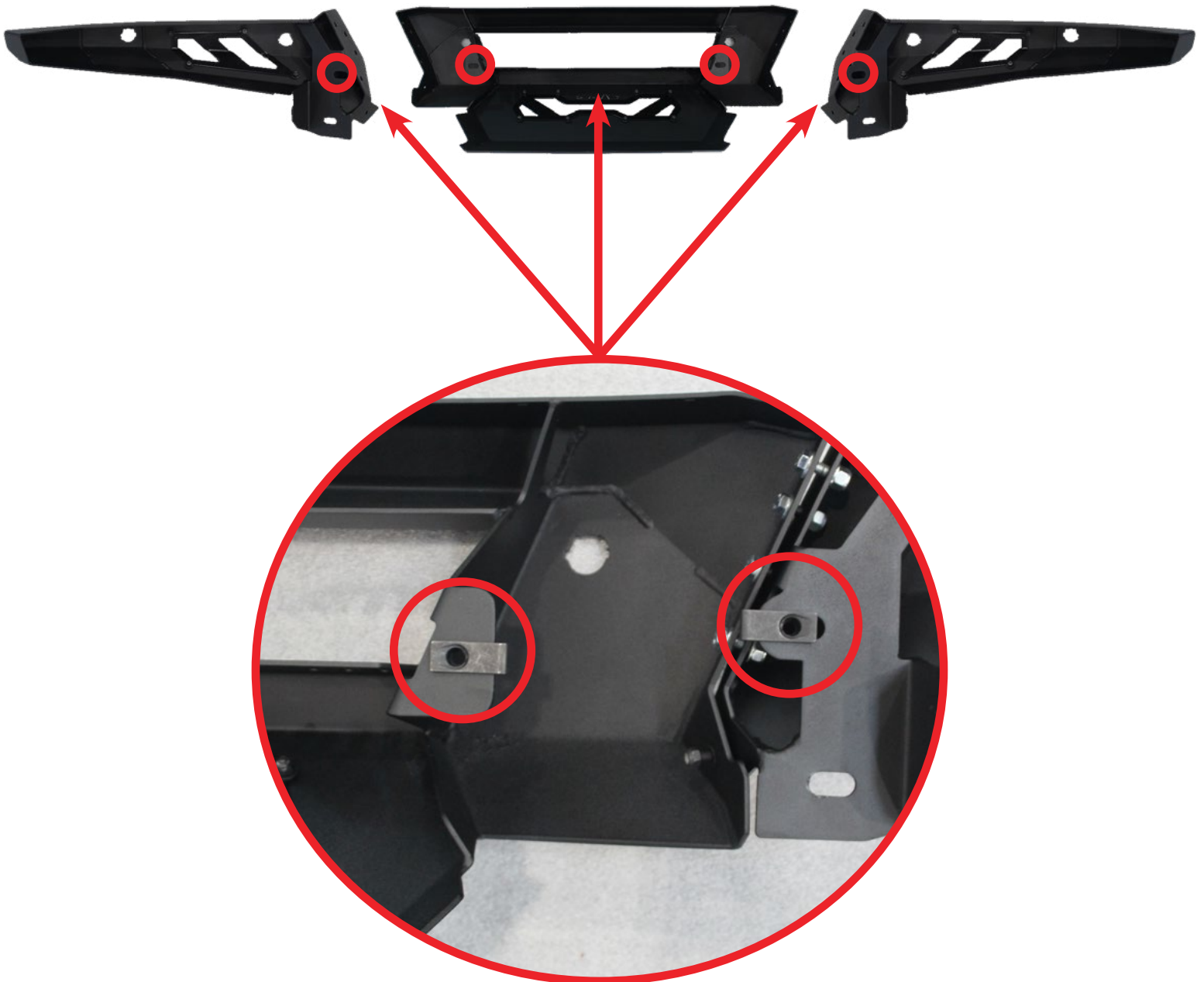
<https://www.addictivedesertdesigns.com/files/install/ADD-2021-F150-ACC-Bracket-Installation-Instructions.pdf>

BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 12

Install the provided (A4) 3/8-16 nut clips as shown below.

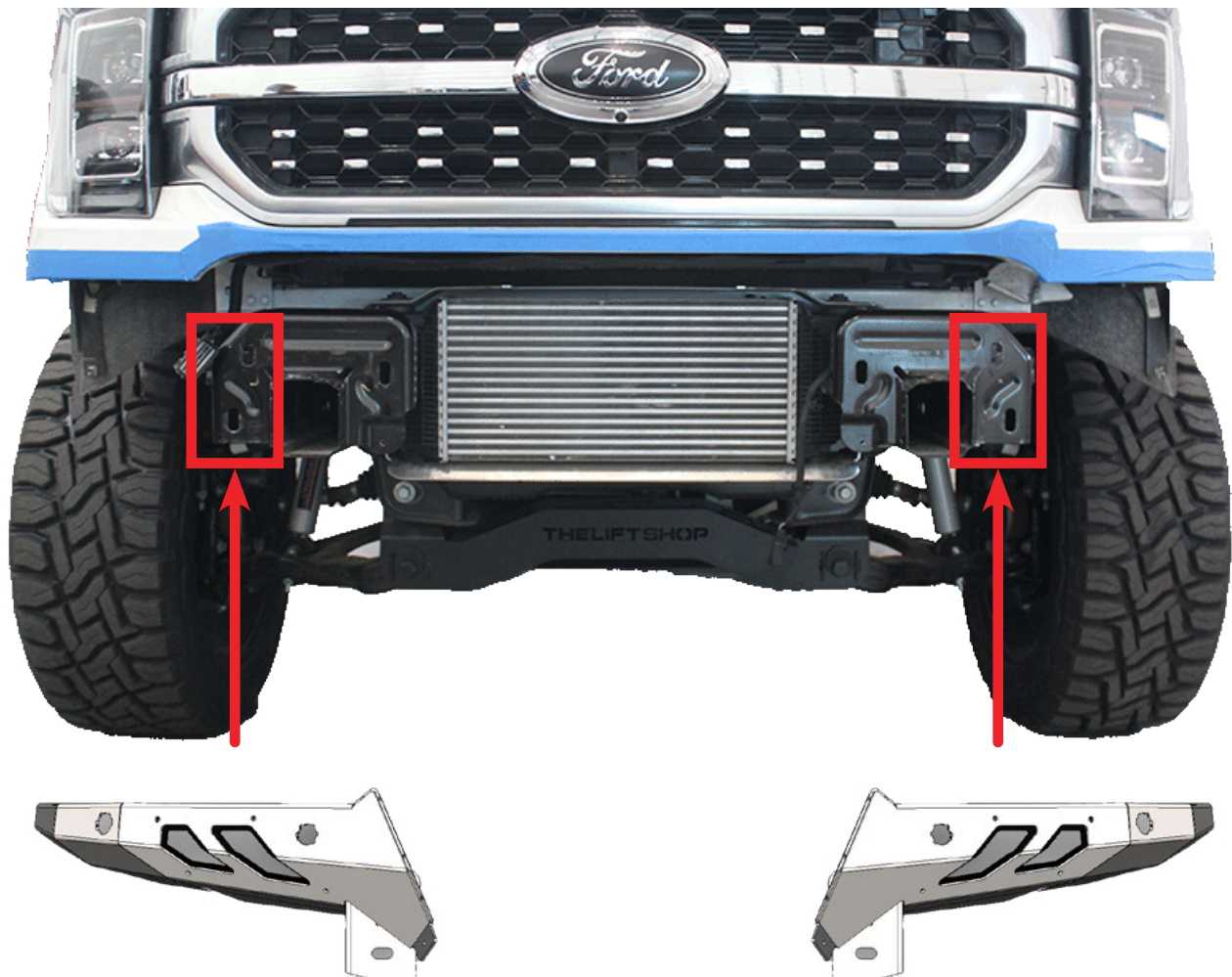


BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 13

Hold the side pods up to the frame horns, This will determine if you will need to add shims to adjust up or down pitch to match the valance. Reference the **shim guide** on page 15 & 16.



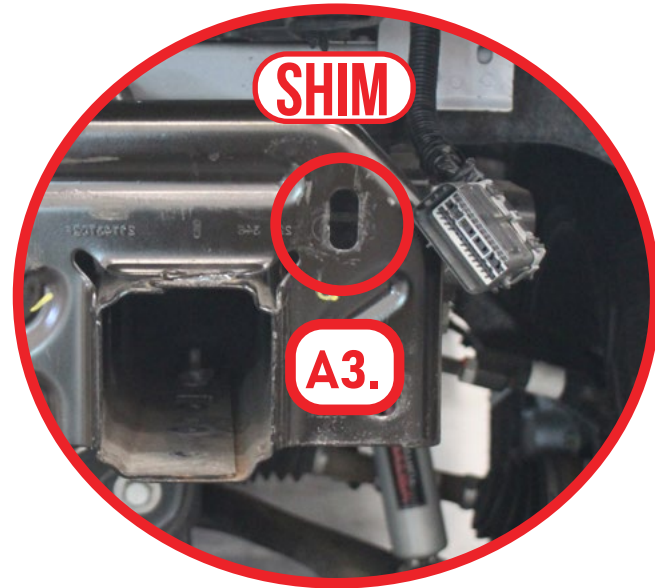
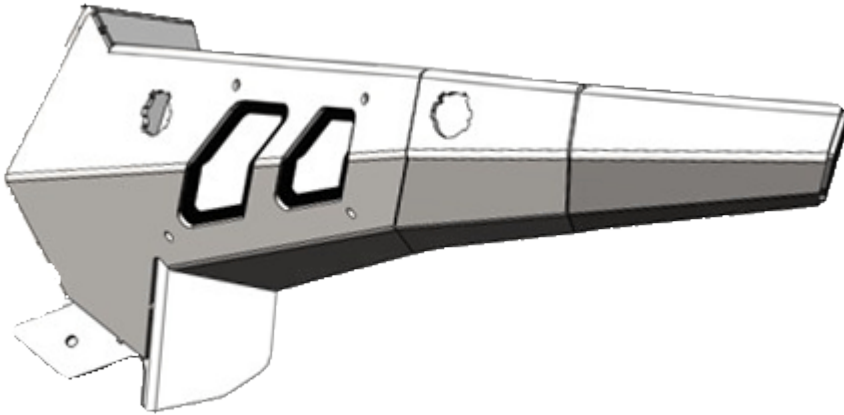
BLACK LABEL FRONT 23+/F-150

SHIM GUIDE

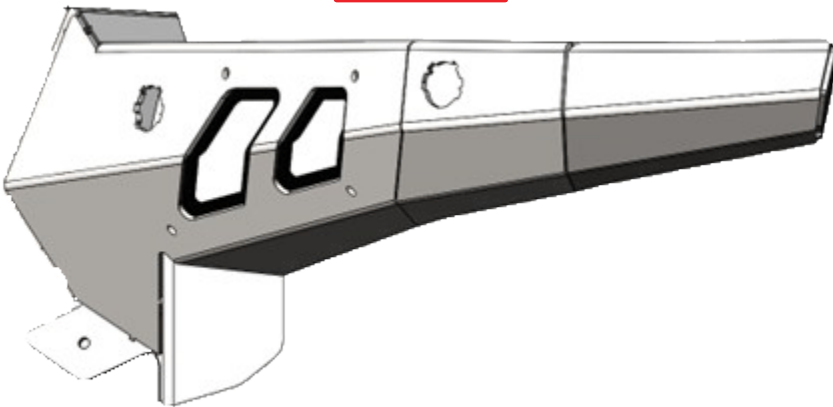
□ STEP 14

- If the side pods do not follow the valance, use the provided (A3) shims to adjust the pitch.
- Slide the (A3) in between the frame horn and the top mounting hole as shown on page 16.
- If your position is neutral, you do not need to shim.

PITCHED DOWN

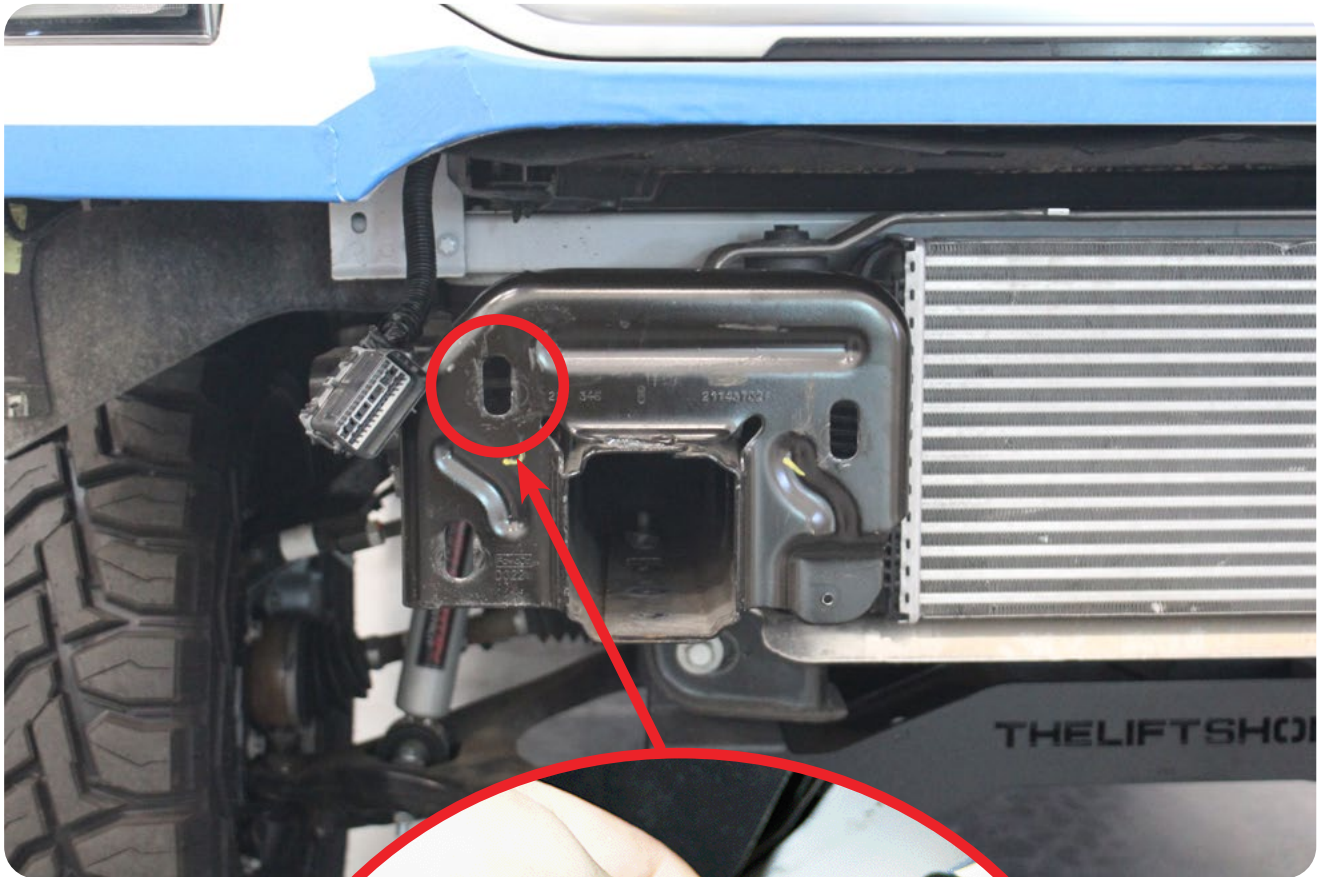


NEUTRAL



BLACK LABEL FRONT
23+/F-150

SHIM GUIDE



BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 15

With the provided **(A, A1, A2)** 3/8-16 X 1 1/4 hex head bolts, washers, and nylon lock nuts, and **(B, B1, B2)** 1/4-20 X 1 button head bolts, washers, and nylon lock nuts, install the side pods to the center.

(Ensure that the side pods are flush with the center as shown on figure 10)

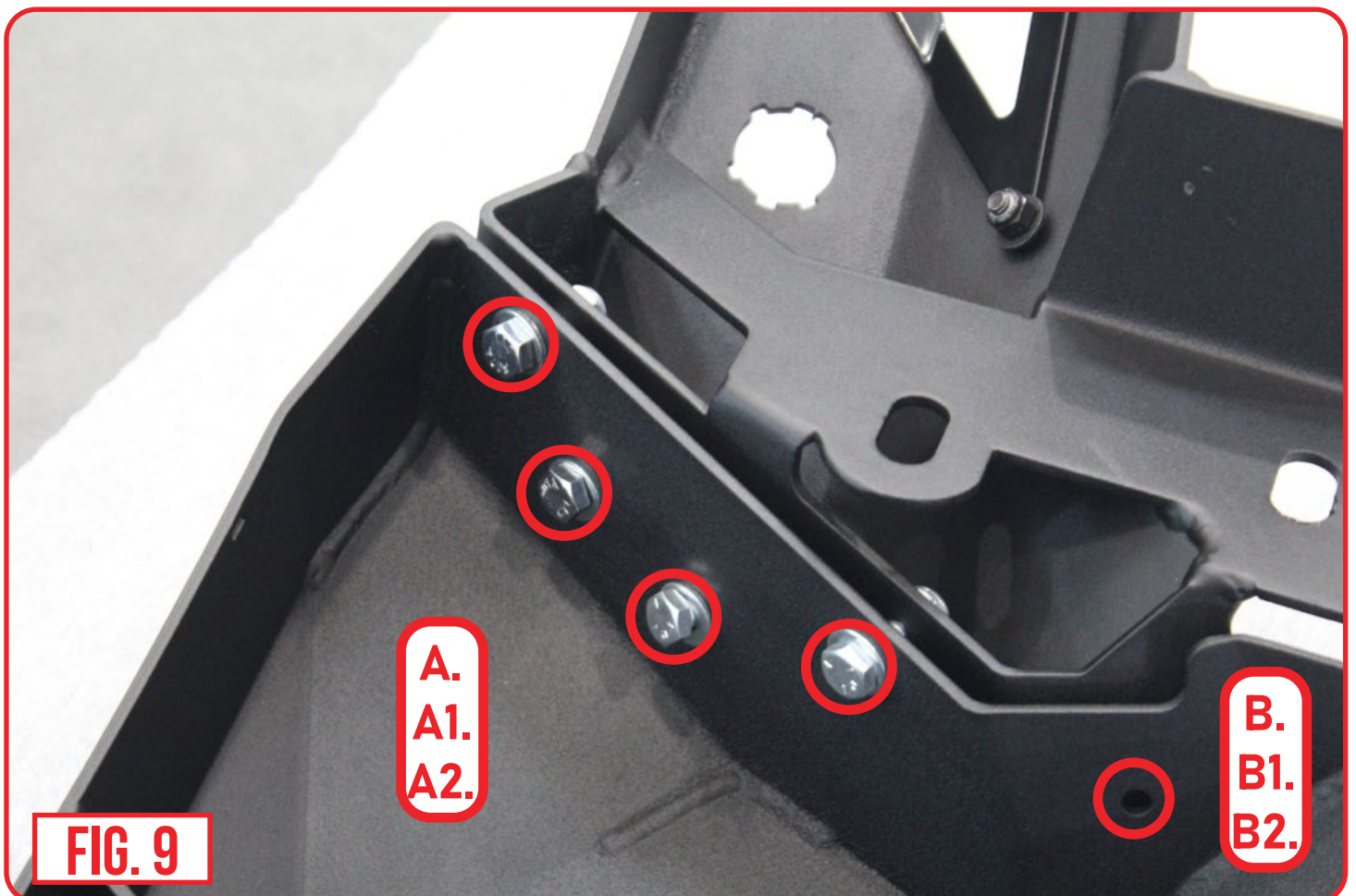
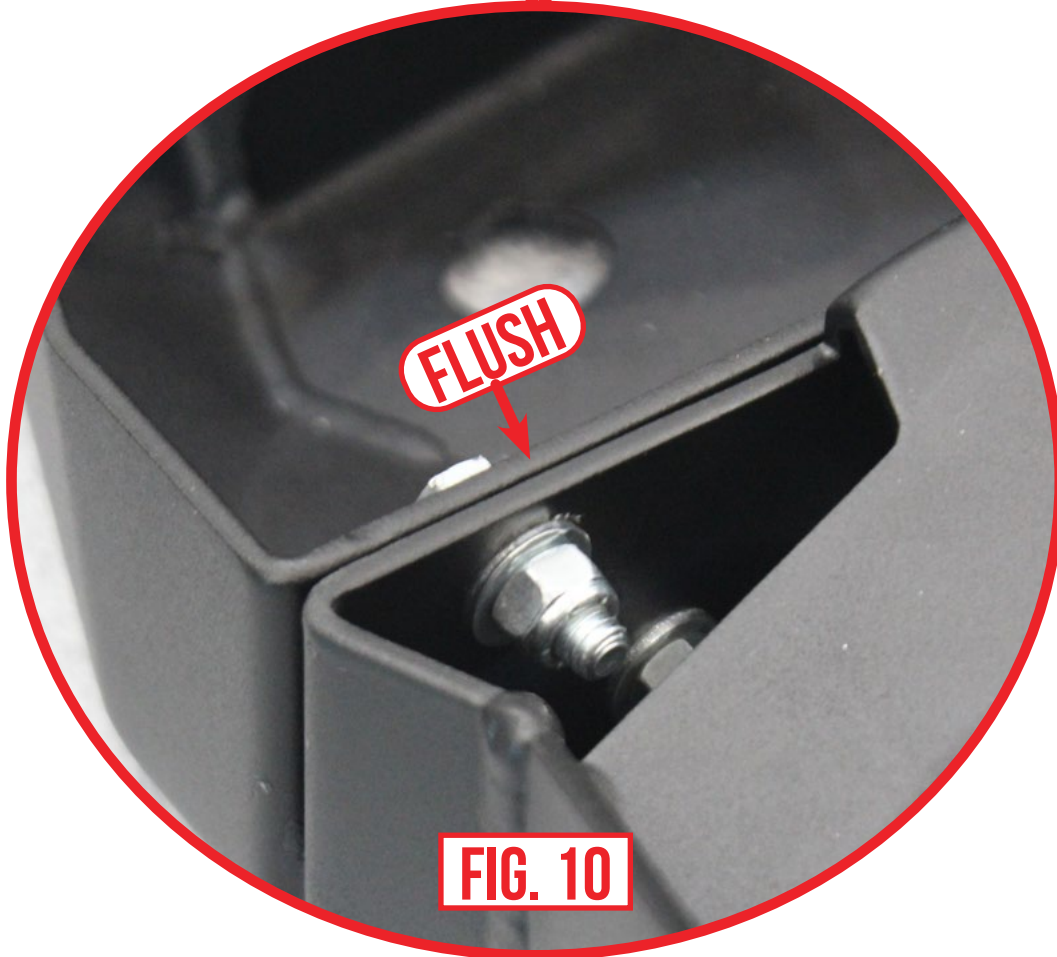


FIG. 9

BLACK LABEL FRONT BUMPER
2021-UP/F-150

INSTALL



BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 16

Install the sensor bezels removed from **step 7** in the same OEM orientation.



BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 17

Install the wiring harness in the same orientation as OEM with the plug in on passenger side. Install your sensors into the bezels and zip tie loose/excess wire through the provided zip tie holes located on the top face of the bumper.

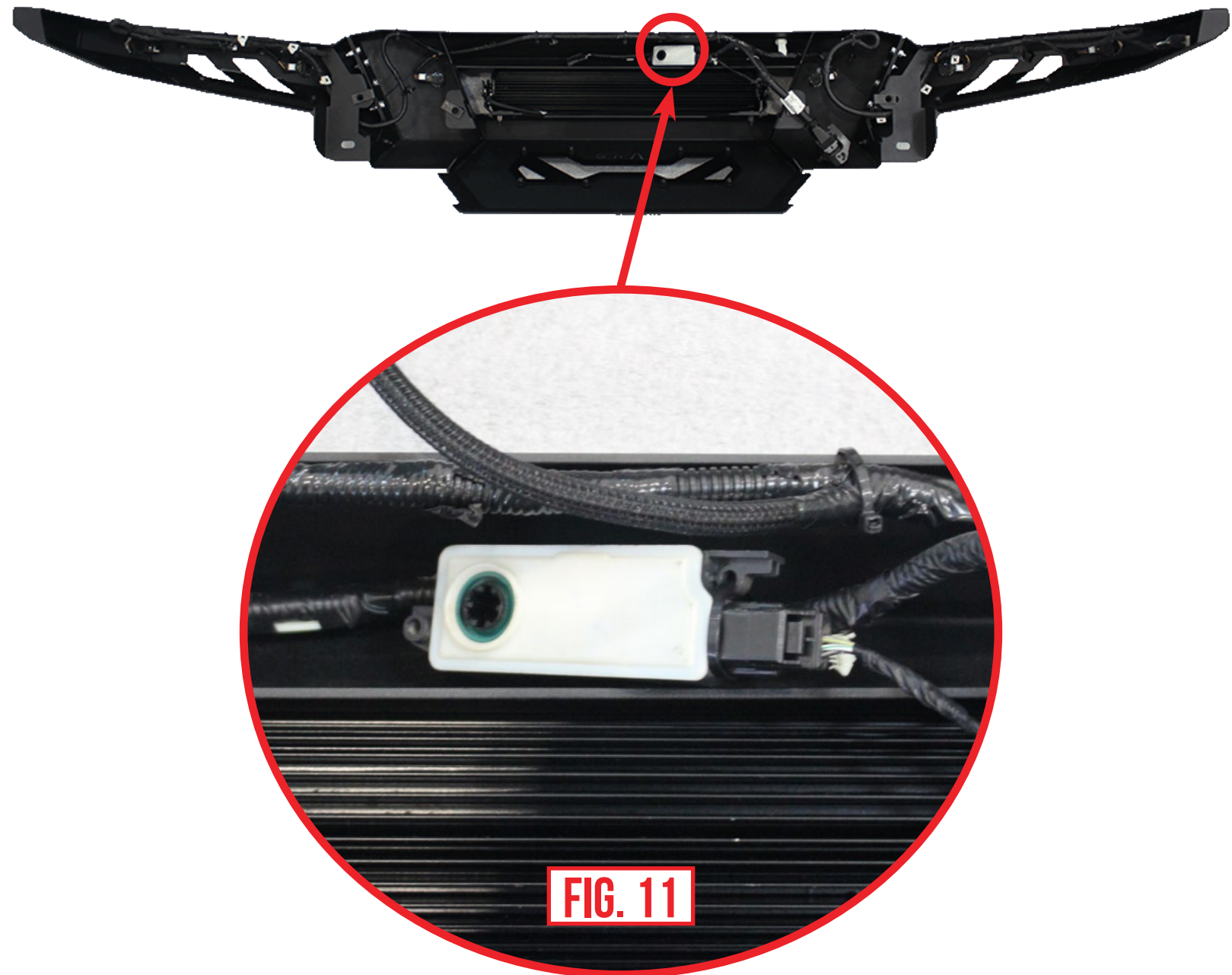


BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 18

Plug the shutter motor removed from **step 6** into the original wire harness location and use zip ties to secure it to the wire harness as shown in **Figure 11**.

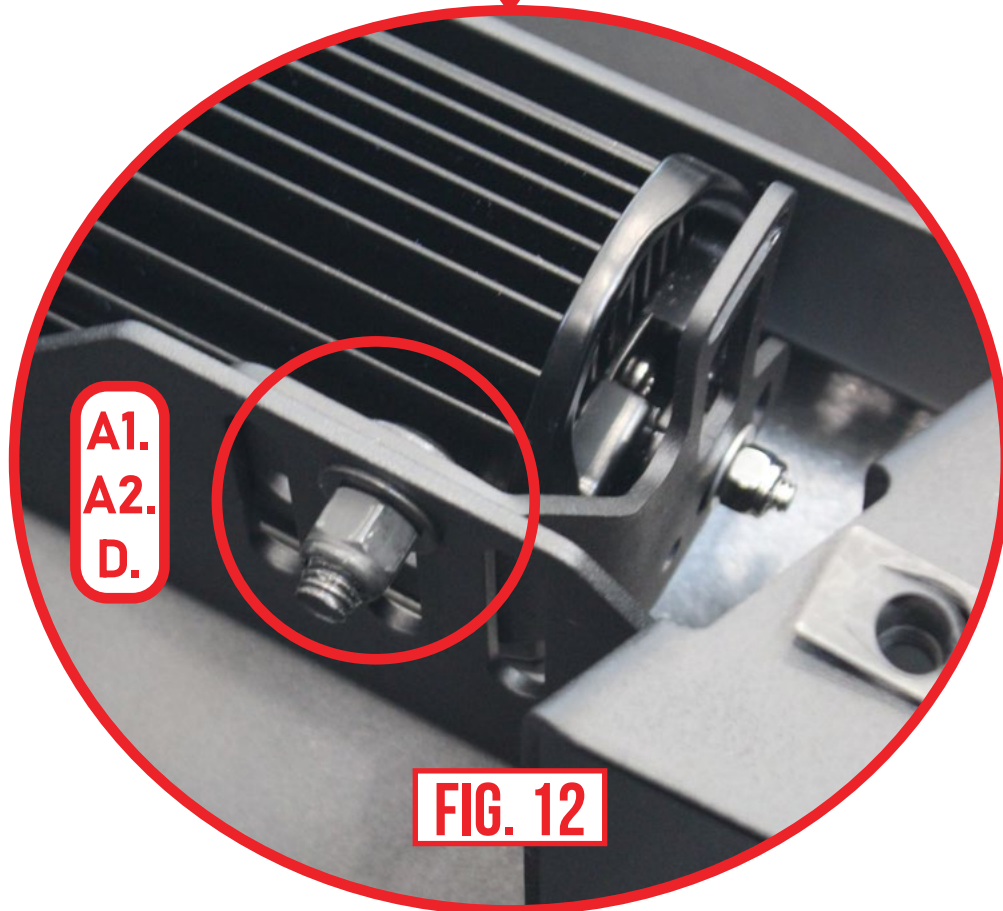
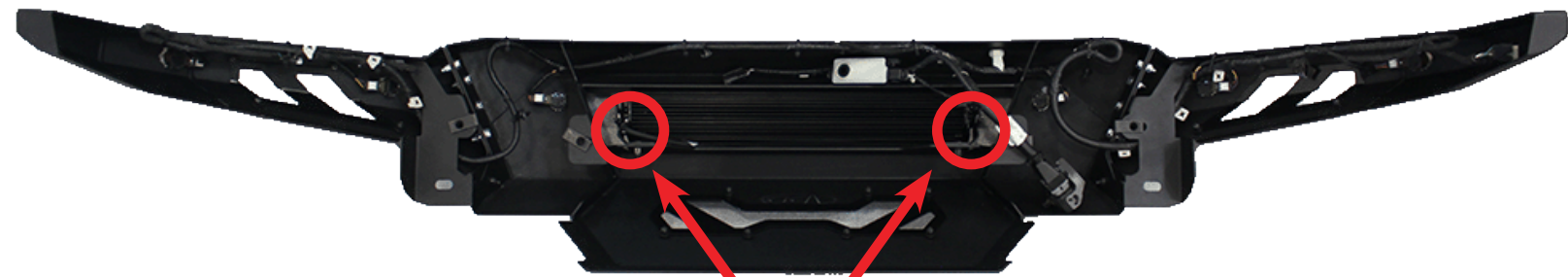


BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 19

Using a (9/16 wrench), install the light mount tabs with the provided (A1, A2, D) 3/8" flat washers, 3/8-16" nylon lock nuts, and 3/8-16 X 1" carriage bolts in the slots shown below in figure 12.

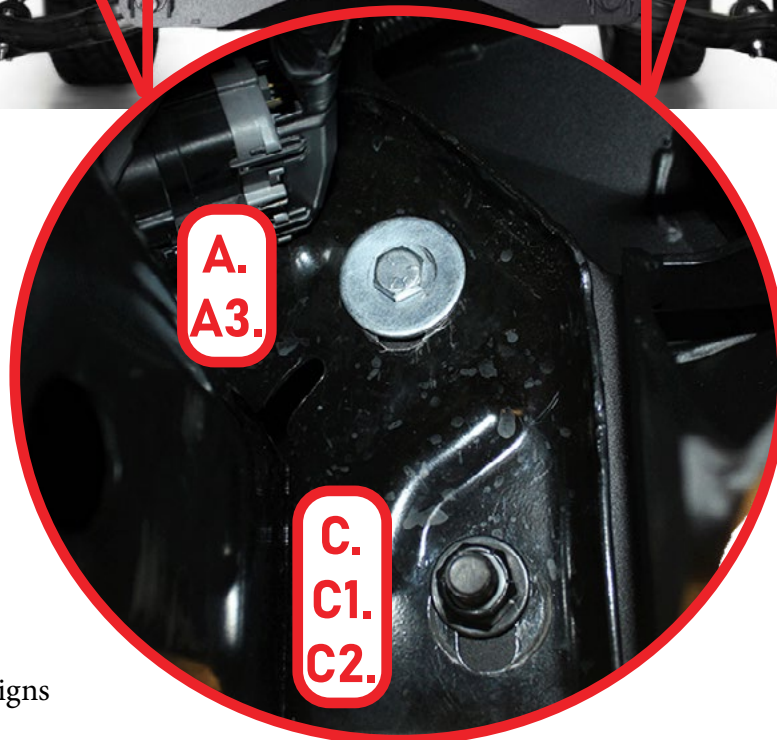


BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 20

- With the help from another installer, position the bumper on the truck and with the provided **(C, C1, C2)** 1/2-13 X 1 1/2 button head bolt, washer, and nylon lock nut using a (5/16 allen) and (3/4 wrench).
- Install the provided **(A, A3)** 3/8-16 X 1 1/4 hex head bolt, and fender washer using a (9/16 socket).

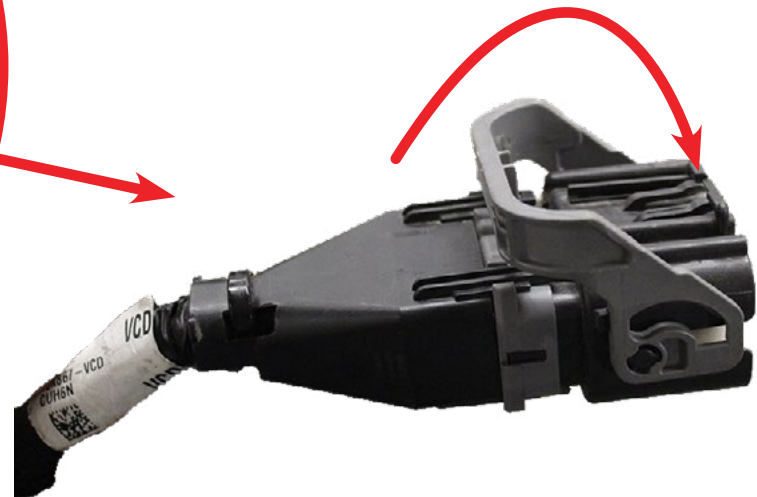
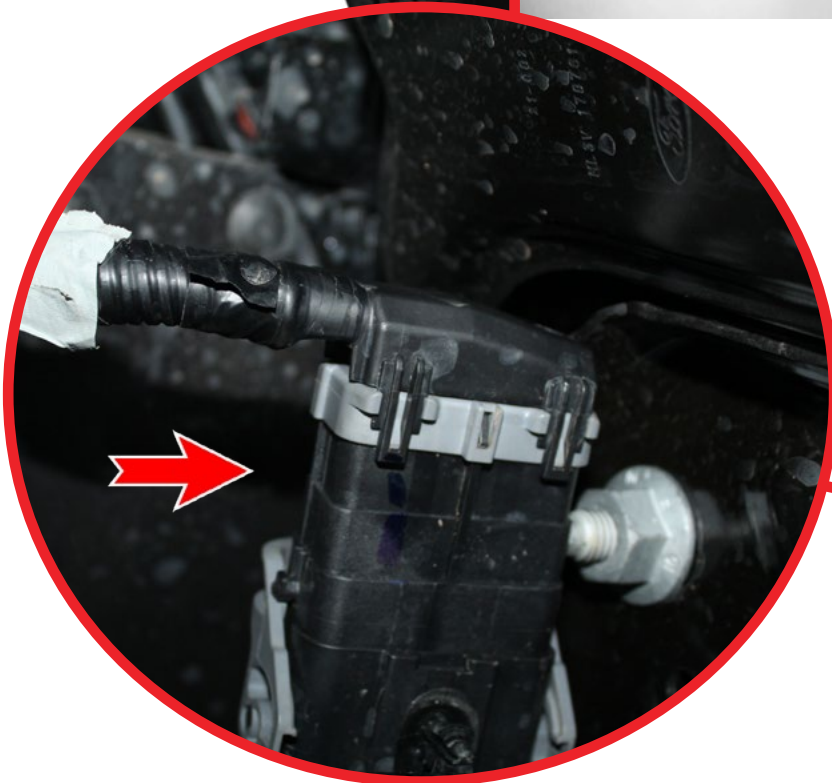


BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

□ STEP 22

Plug in the wire harness. ****Ensure the clip is fully pushed down when plugged in as shown below****



BLACK LABEL FRONT BUMPER 2021-UP/F-150

INSTALL

STEP 23

Trim the inner wheel well using a (razor blade/scissors) as shown below.



BLACK LABEL FRONT BUMPER 2021-UP/F-150

FINAL

□ STEP 24

Stand back and enjoy your new ADD Black Label Front.

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