

2024+/FORD F-150

STEALTH FIGHTER FRONT BUMPER & WINCH

F1901402860103 - F1901422860103



TOOLS REQUIRED

- (Sockets) 9/16, 3/4, 1-1/16, 7mm, 10mm, 13mm, 15mm, 21mm
- (Box end wrenches) 9/16, 3/4, 7mm, 10mm, 13mm, 15mm, 21mm
- (Torx) T20, T30
- Fastener remover or flathead screwdriver
- Zip ties
- Ratchet
- Jigsaw (or preferred cutting tool)
- Razor/scissors



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.****



SKILL LEVEL

-Medium/Moderate

****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

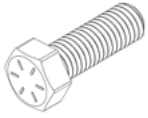
components and the safety of the vehicle. Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information:

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.



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

QTY: 8

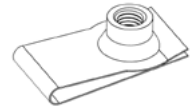
A1.



3/8" FENDER WASHER

QTY: 4

A2.



3/8-16" U-NUT

QTY: 8

B.



3/8-16 X 1" CARRIAGE BOLT

QTY: 2

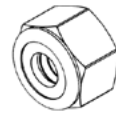
B1.



3/8" FLAT WASHER

QTY: 6

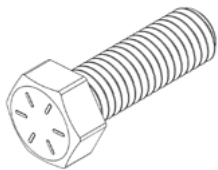
B2.



3/8-16" NYLON LOCK NUT

QTY: 2

C.



3/8-16 X 1" CARRIAGE BOLT

QTY: 6

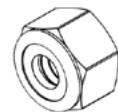
C1.



3/8" FLAT WASHER

QTY: 12

C2.



3/8-16" NYLON LOCK NUT

QTY: 6

Reference this page throughout the install

STEALTH FIGHTER FRONT BUMPER & WINCH 2024-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.



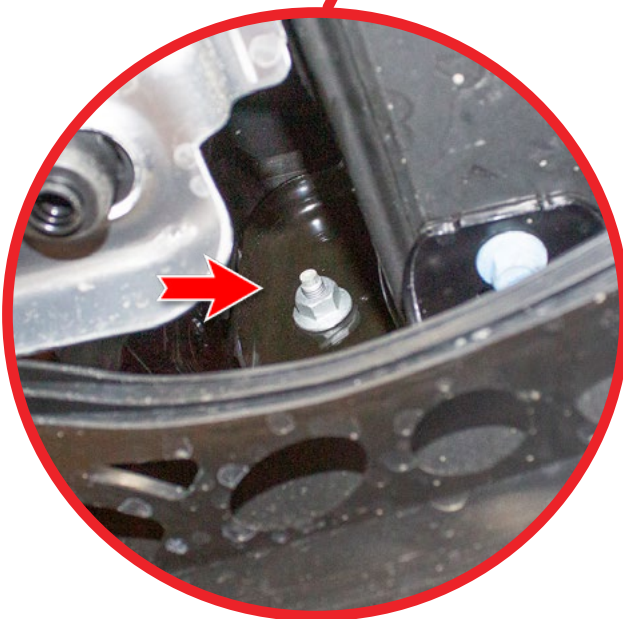
STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

REMOVAL

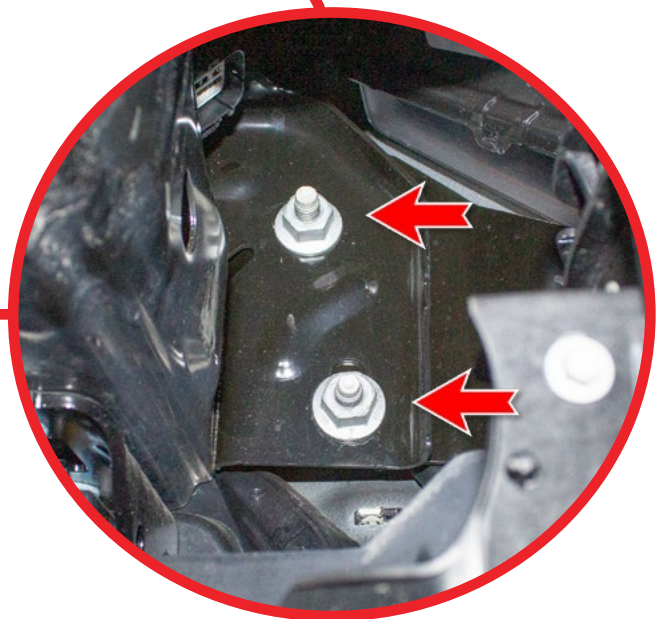
□ STEP 2

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



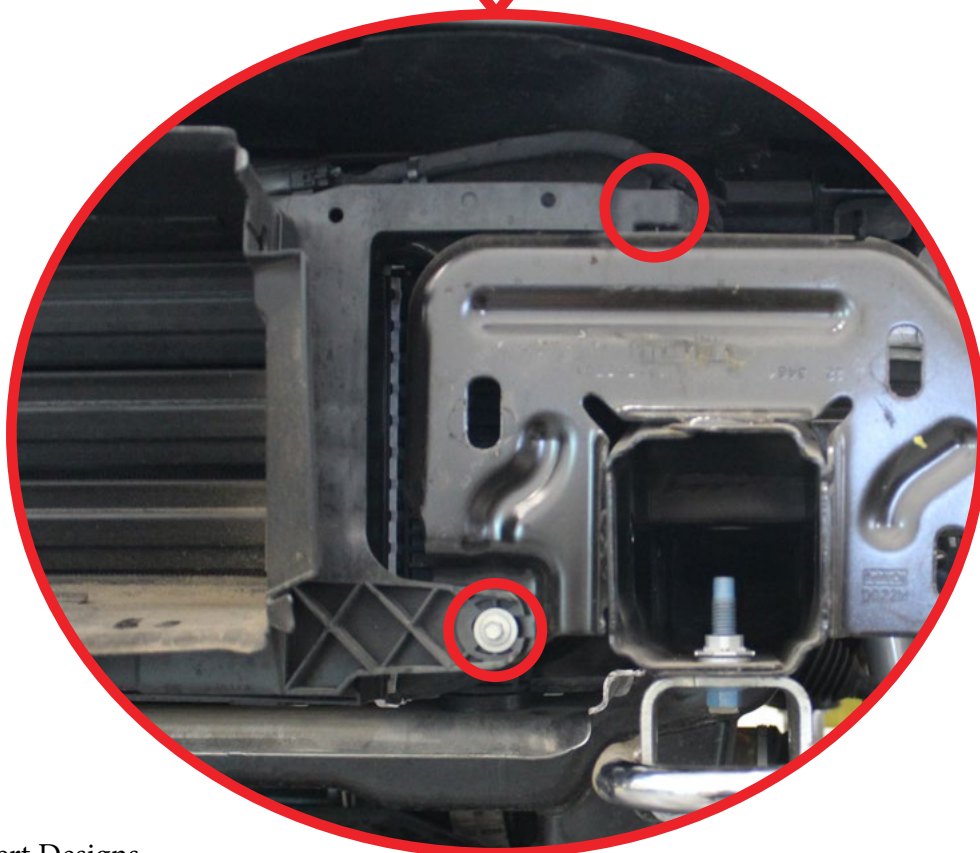
OUTSIDE

STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

REMOVAL

□ STEP 3

Using a (7mm socket), remove the intercooler shroud bolts located on top and bottom of the frame horns.

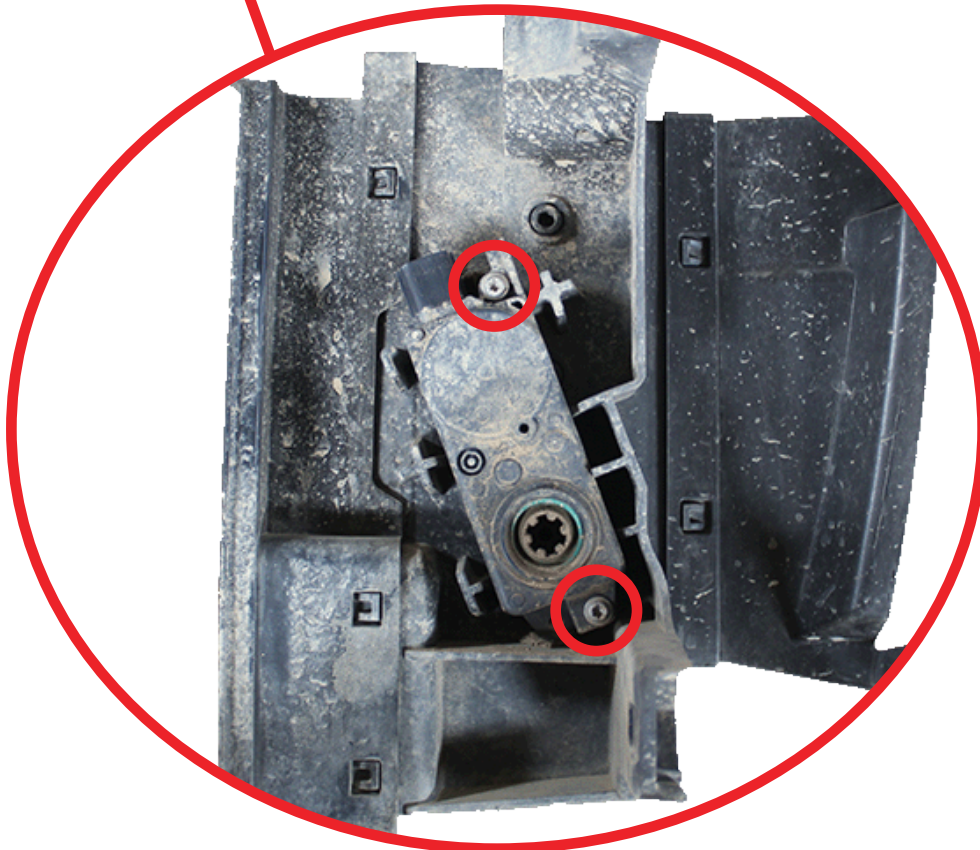


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REMOVAL

□ STEP 4

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

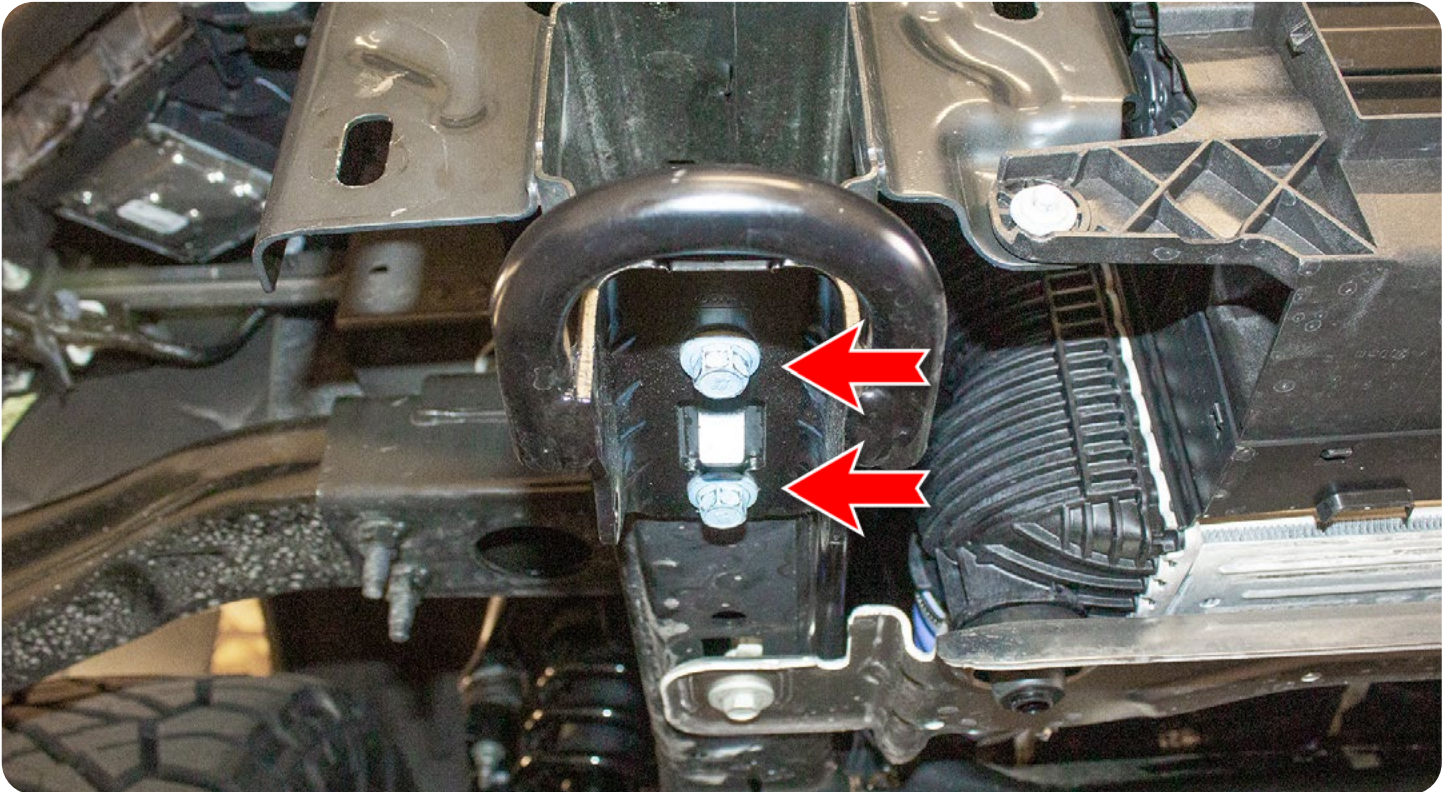


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REMOVAL

□ STEP 5

Using a 15mm socket, remove the OEM tow hooks.



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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****

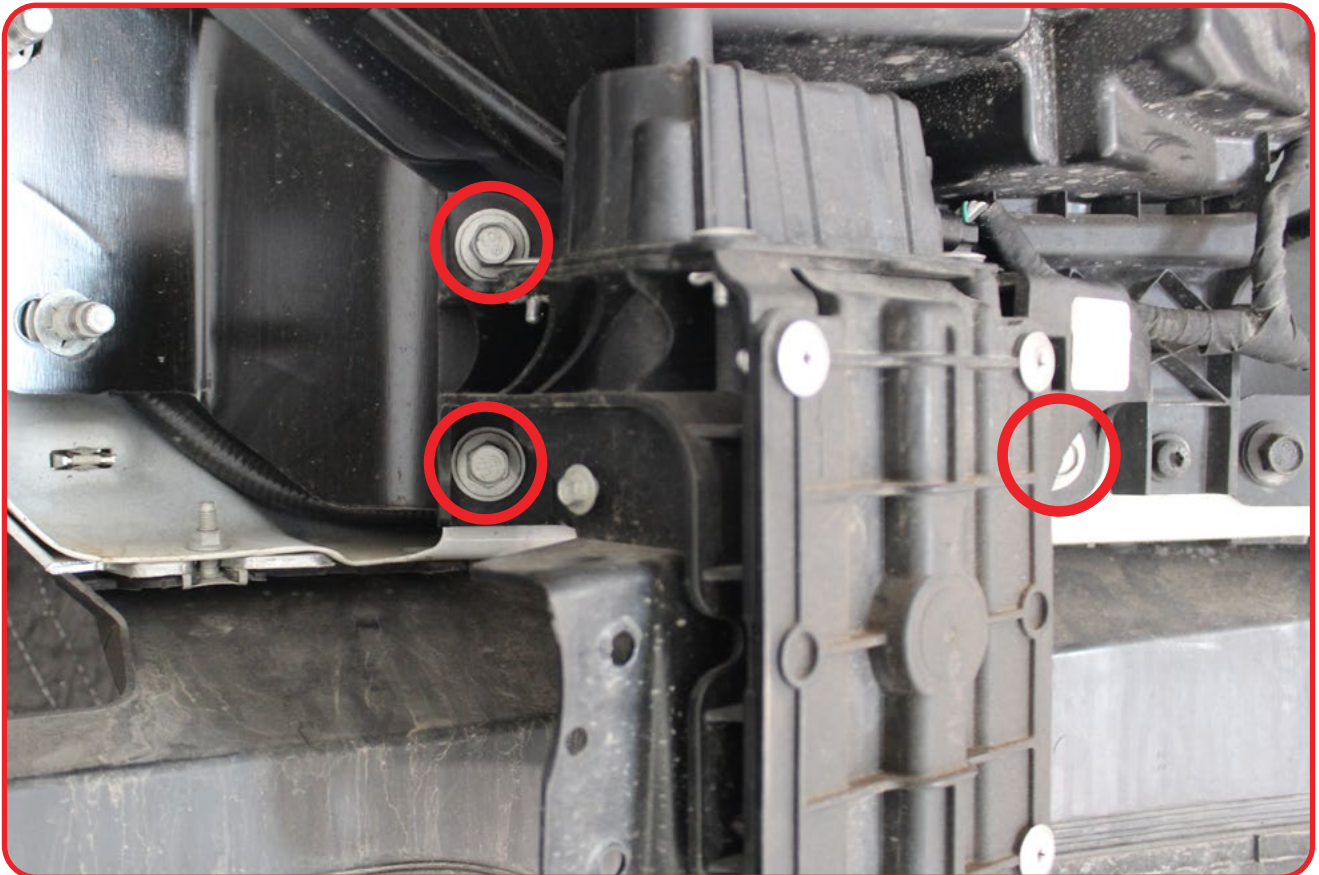
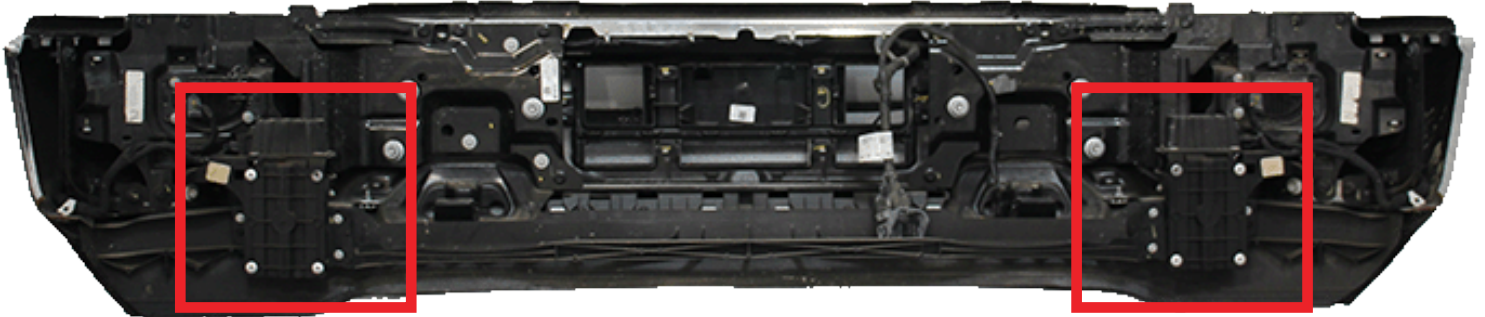


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REMOVAL

□ STEP 7

Remove the 6x OEM bolts holding the air dam using a (13mm socket).

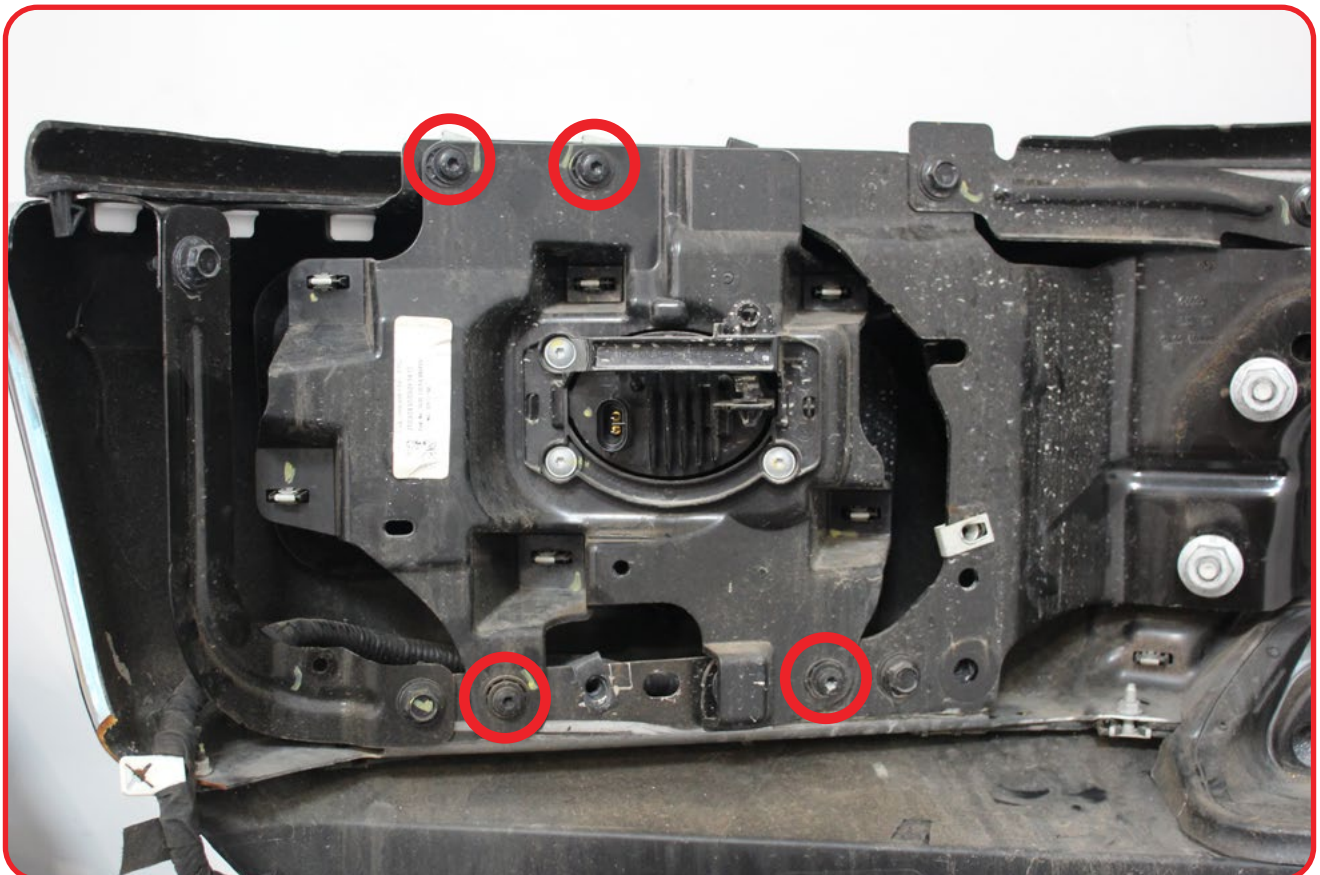
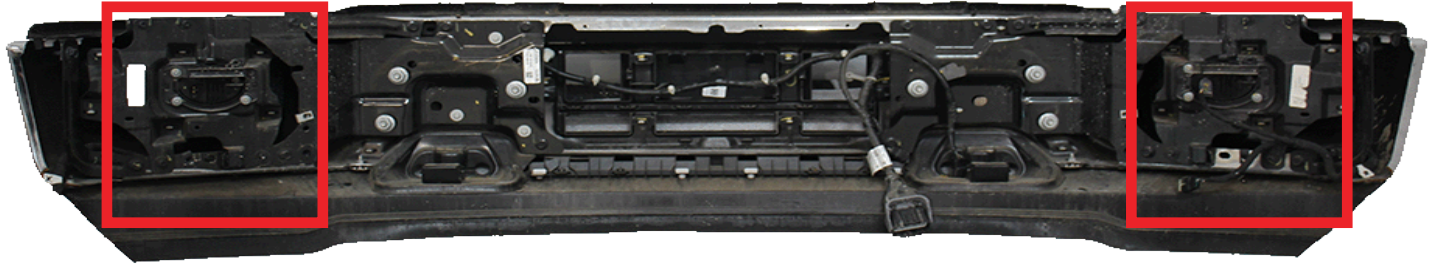


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REMOVAL

□ STEP 8

Next, Using a (T30) remove the fog lights.

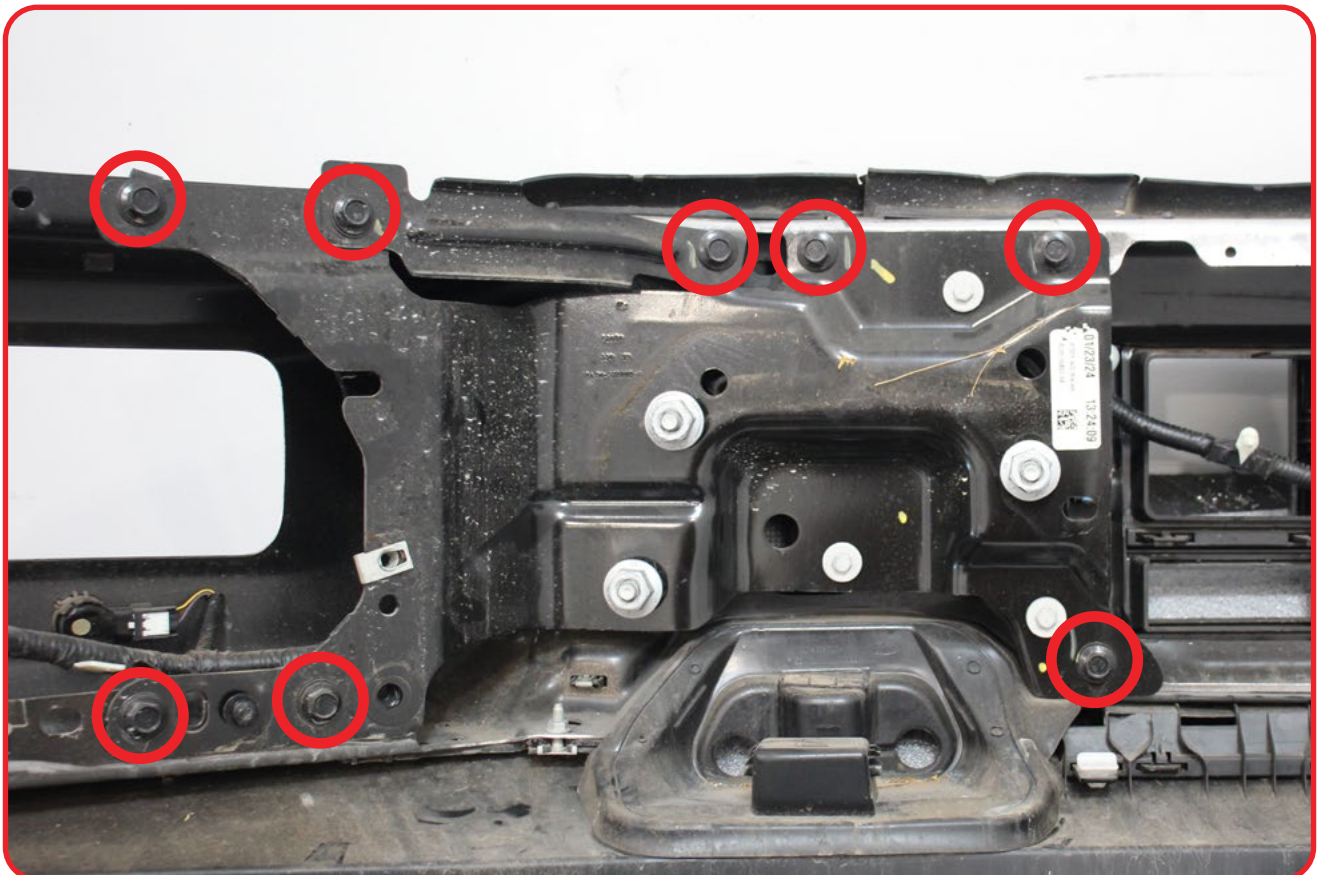
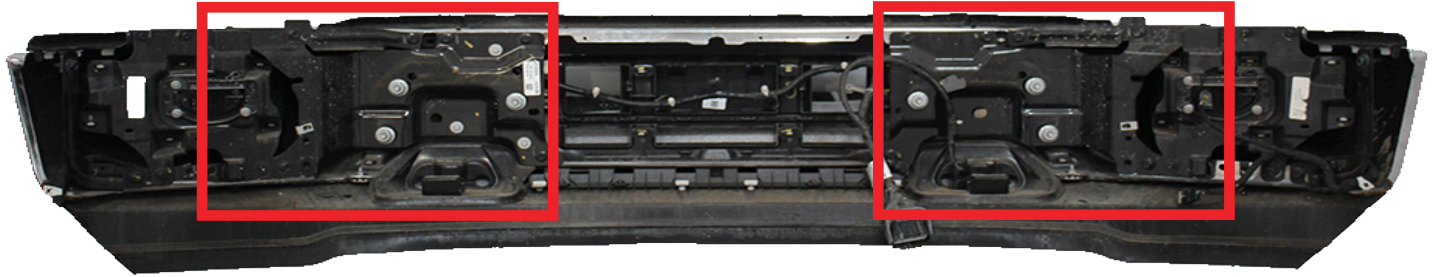


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REMOVAL

□ STEP 9

Using a (13mm socket) remove the mounting plates to expose the ACC and wire harness.

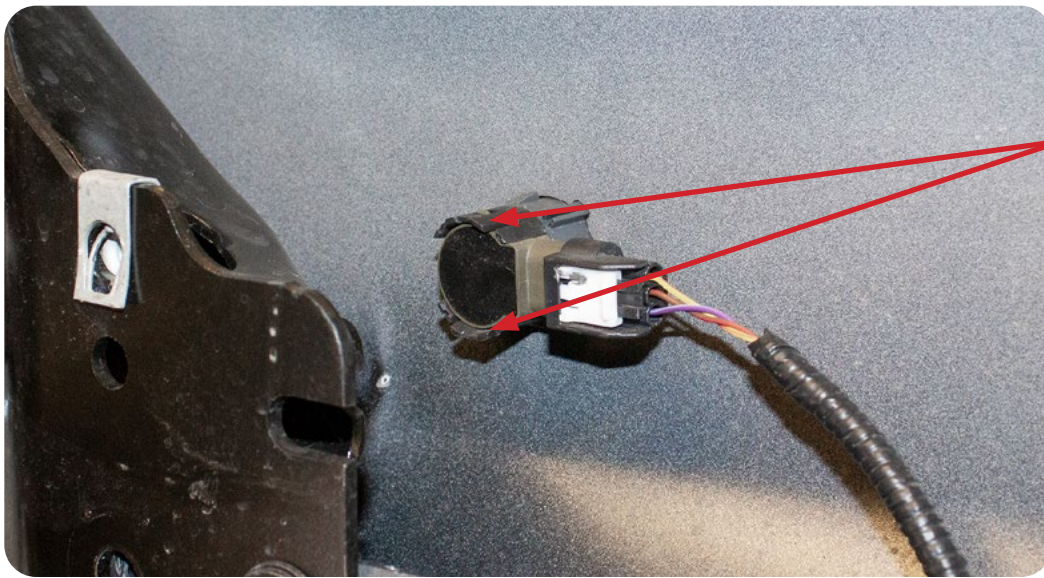


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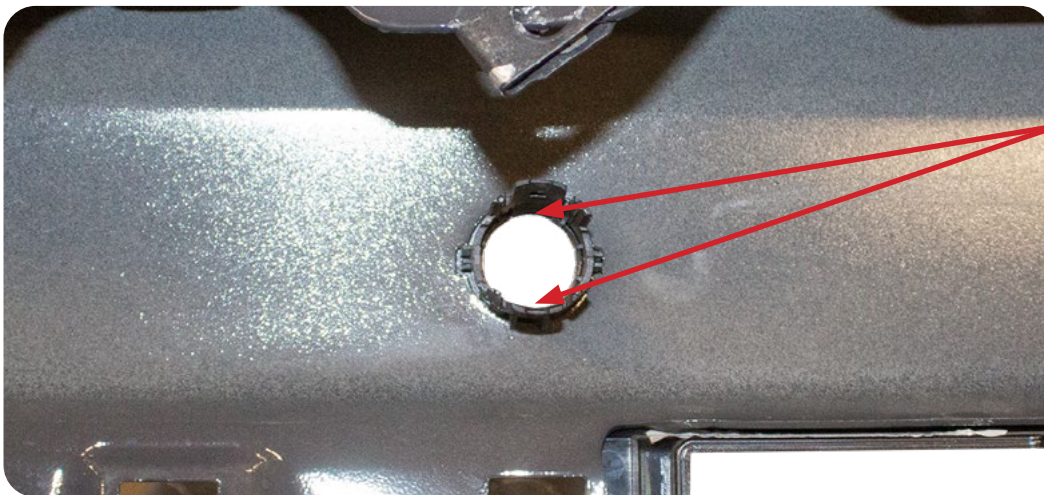
REMOVAL

□ STEP 10

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.**

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REMOVAL

STEP 11

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



STEP 12

If your vehicle is equipped with Adaptive Cruise Control, relocate the sensor at this time with the ADD Relocation Bracket (part# AC19005101NA - sold separately).

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INSTALL

□ STEP 13

There are two skid plate mounting brackets sent with each bumper; one for use with a lift kit and one for use with stock suspension. Using the supplied **(C, C1, C2)** 1/2" Bolts secure the correct skid plate bracket to your new bumper using a (3/4 wrench) and (3/4 socket). **(Leave these bolts loose for now)**

LIFT KIT



STOCK SUSPENSION & 2WD VEHICLES



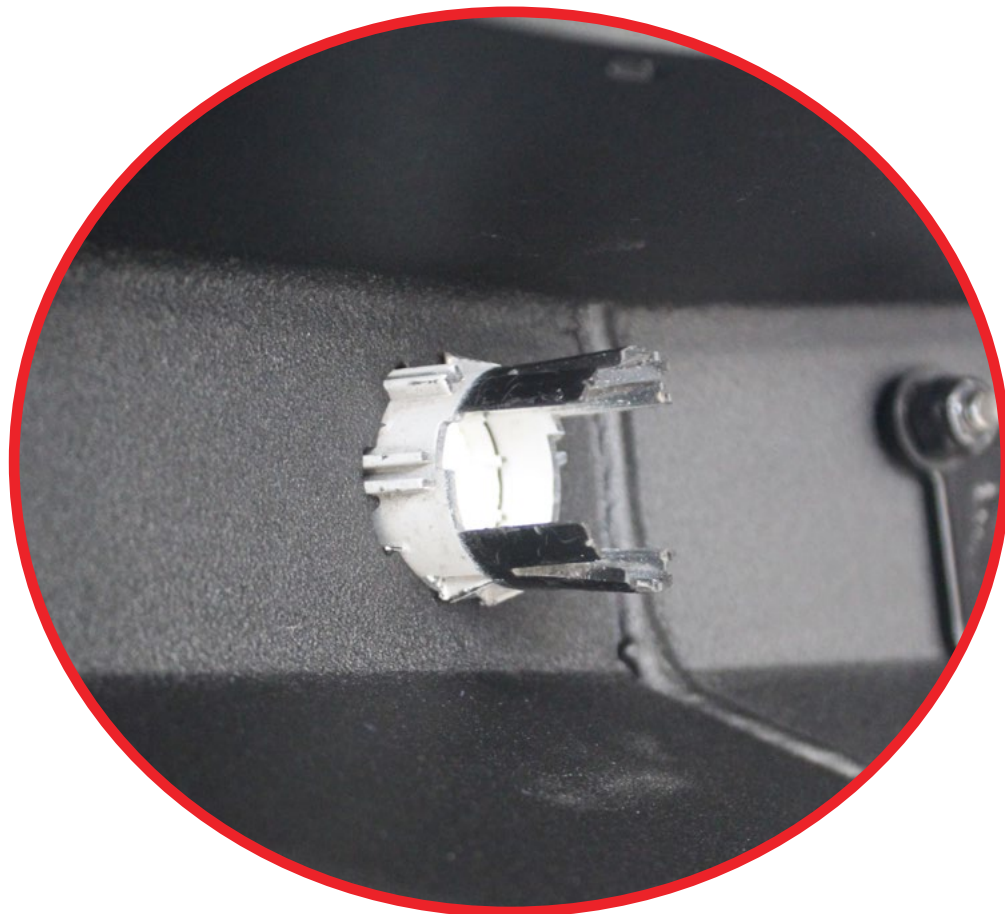
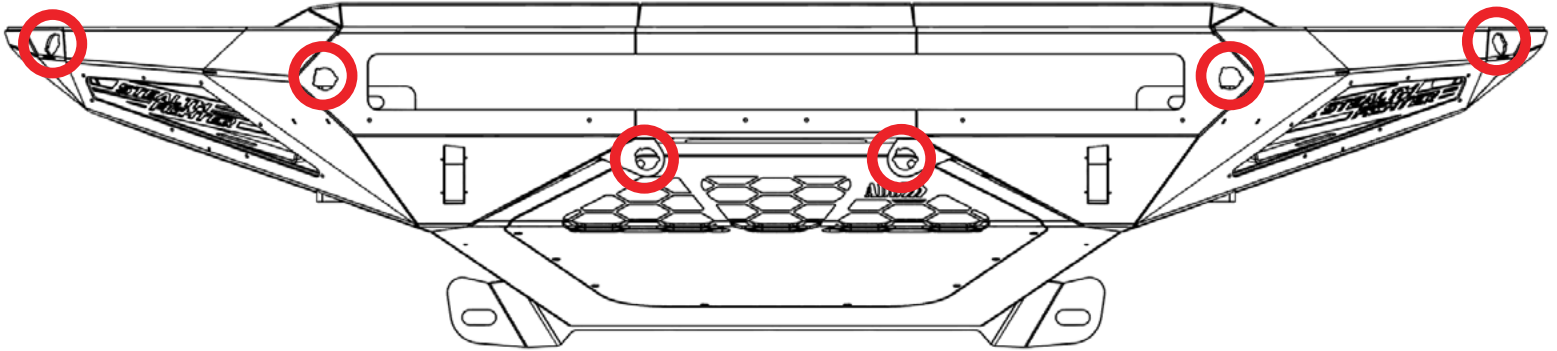
C.
C1.
C2.

STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

INSTALL

□ STEP 14

Install the sensor bezels in the same orientation from the stock bumper. Next install the wire harness and plug the sensors into the bezels.

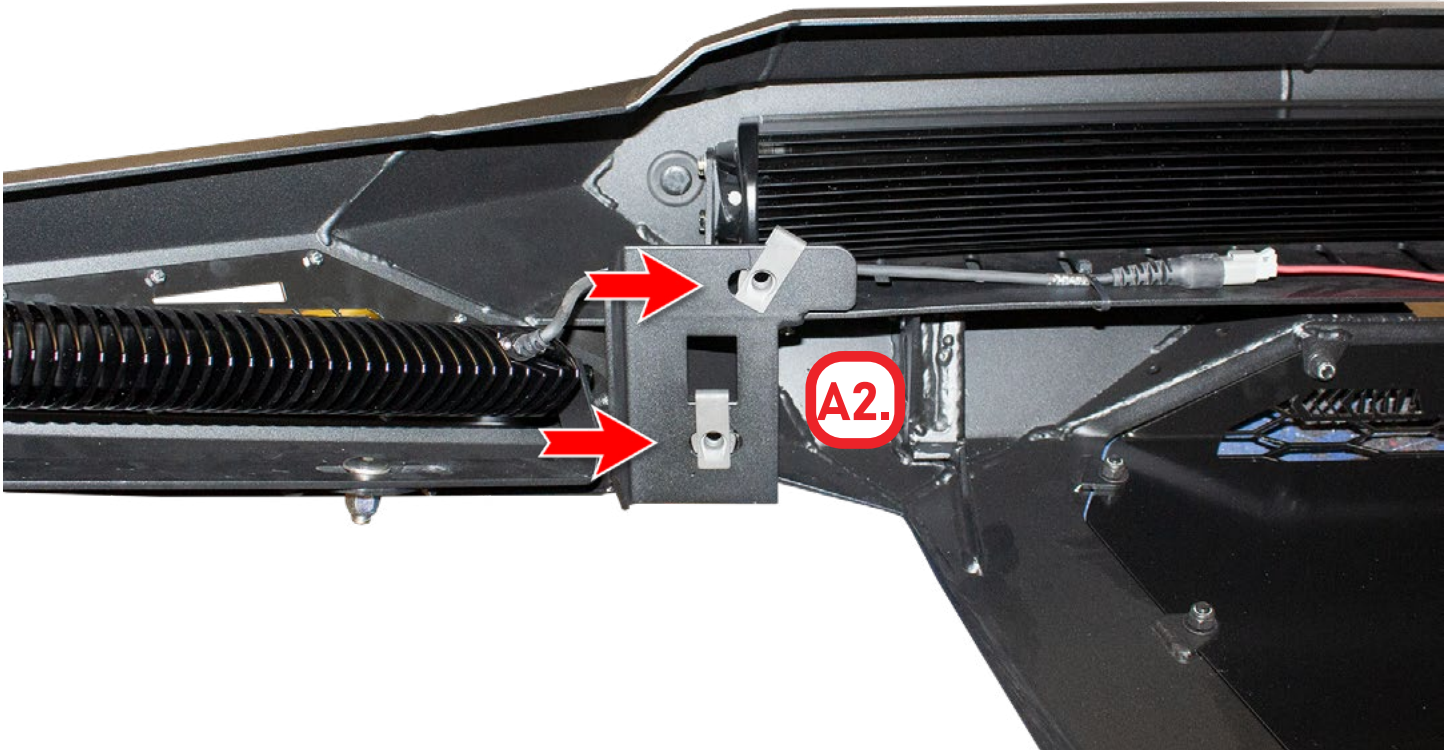


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INSTALL

□ STEP 15

Install the provided (A2) 3/8" nut clips. (Repeat on other side)

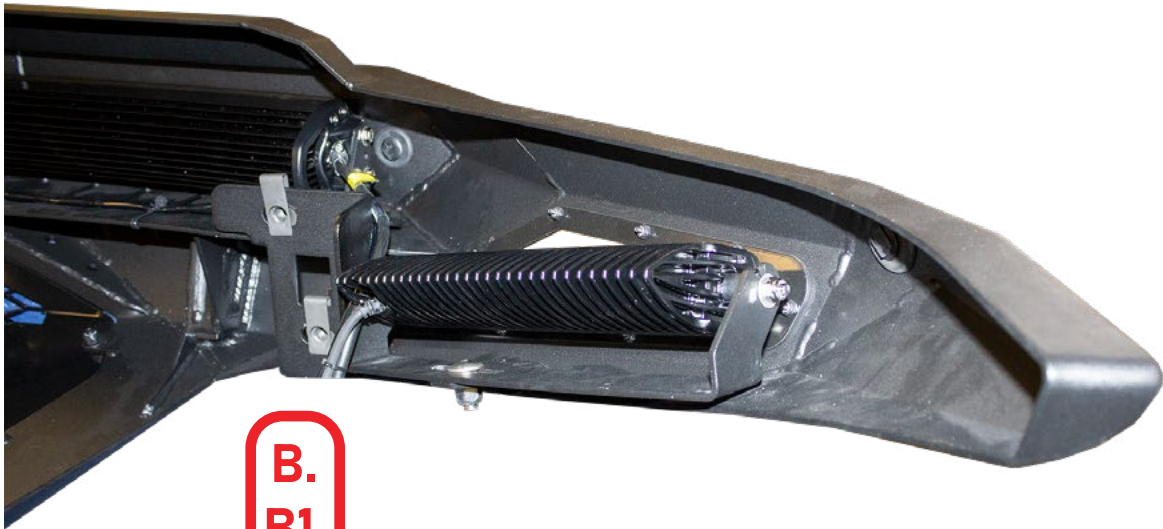


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INSTALL

□ STEP 16

Install the provided light mounts with the provided **(B, B1, B2)** 3/8" hardware using a (9/16 wrench).



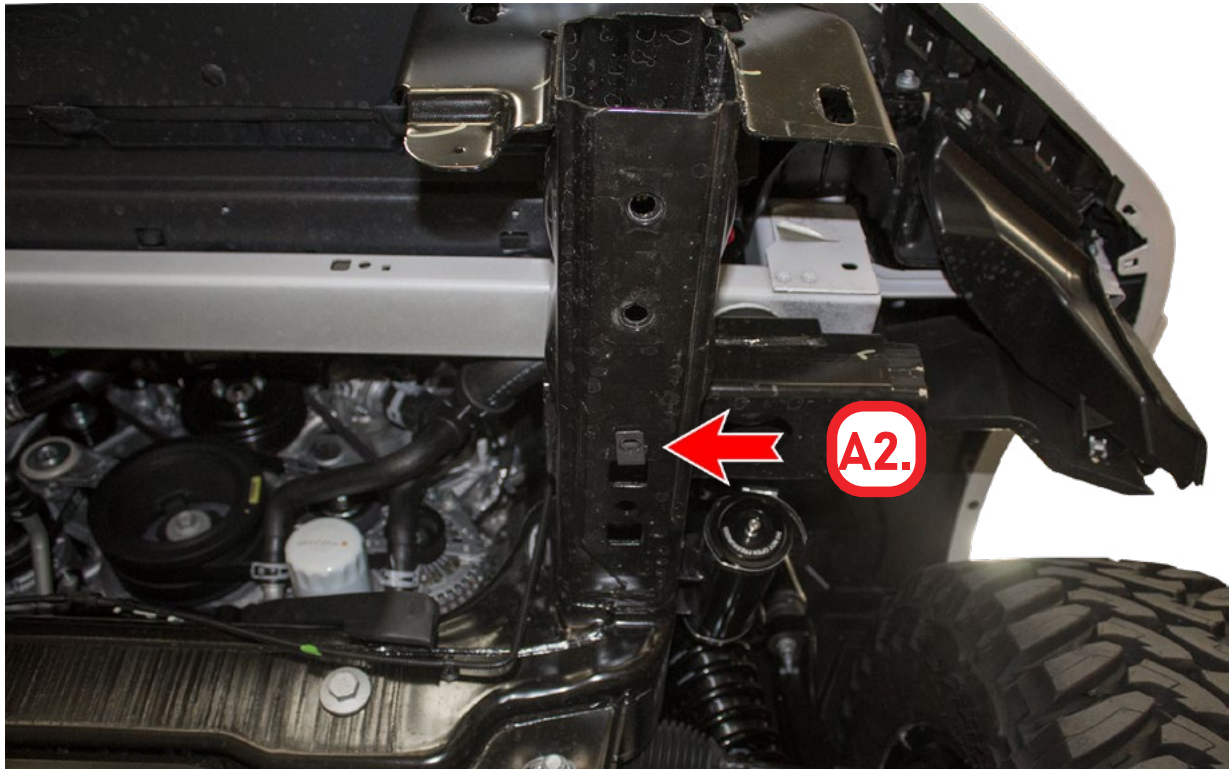
B.
B1.
B2.

STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

INSTALL

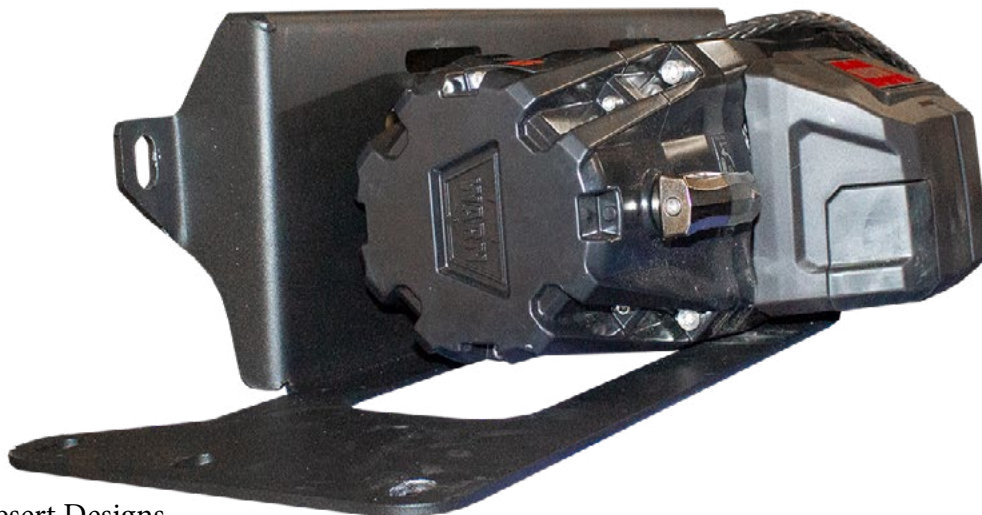
□ STEP 17

If you have a winch bumper, follow this step. If not, move onto the next step. On the bottom side of the frame rail there is a series of holes. Install one of the supplied (A2) U-Nuts (1 per side) into the third hole back.



□ STEP 18

Bolt your winch to the Winch Mounting Plate. Follow the winch manufacturer's guide for mounting information. Try to keep the winch as centered as possible.

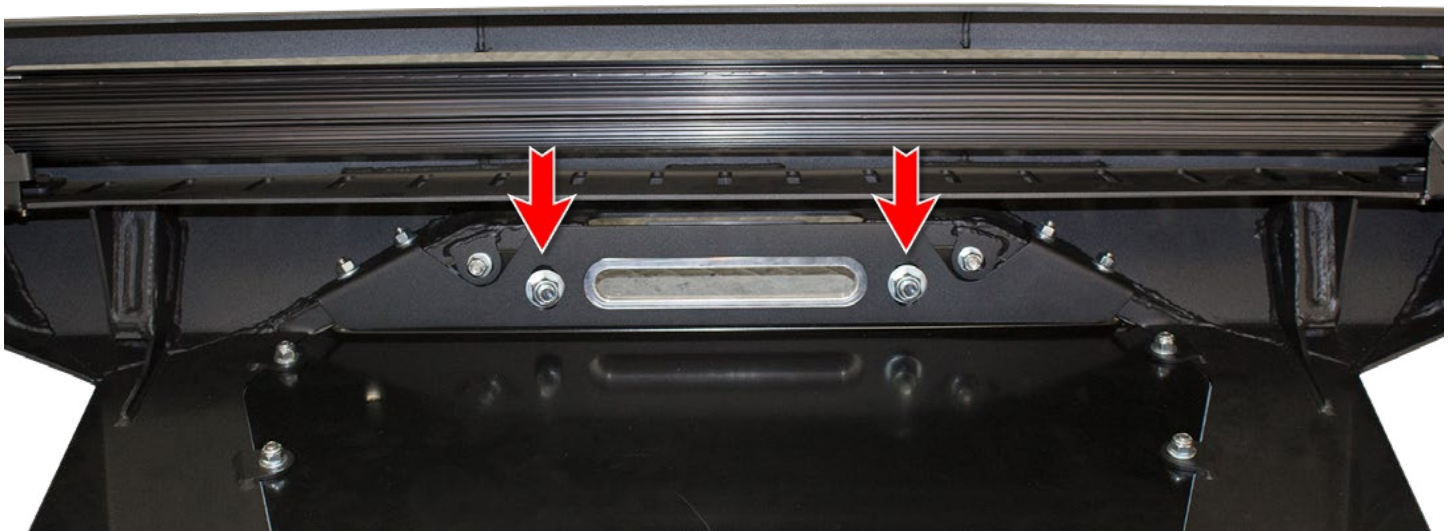
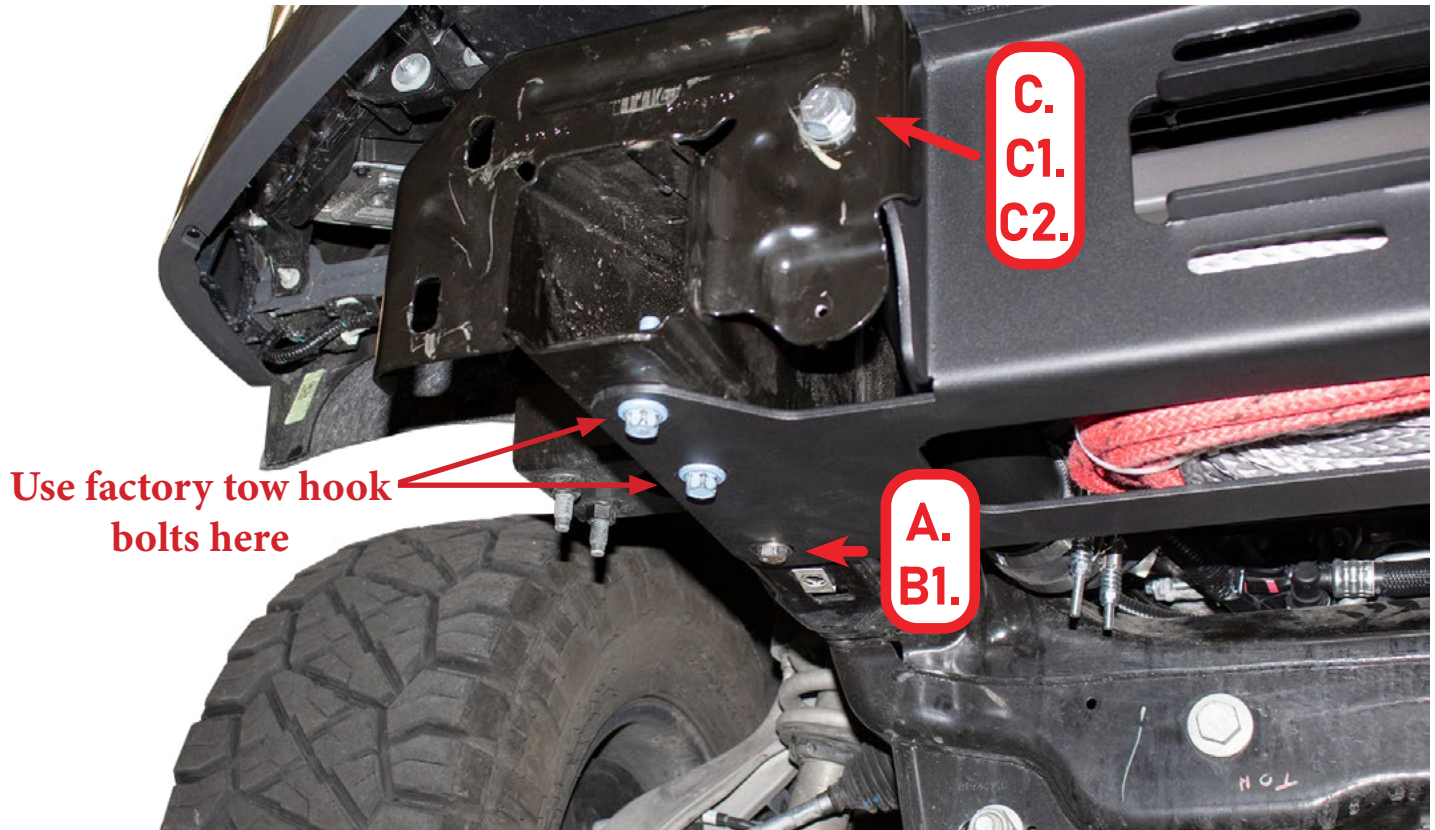


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INSTALL

□ STEP 19

Mount the winch mount to the truck as shown below using the OEM tow hook bolts and with the supplied **(C, C1, C2)** 1/2" hardware using a (3/4 socket) and a (3/4 wrench). Next install the provided **(A, B1)** 3/8" hardware using a (9/16 socket). Then, install the fairlead of your choice.



STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

INSTALL

STEP 20

Ensure to install the Shutter Motor Bracket by following the guide. <https://www.addictivedesertdesigns.com/collections/2024-ford-f-150-raptor-raptor-r-front-bumpers/products/f-150-raptor-shutter-motor-kit>

Plug the shutter motor removed from **step 4** into the original wire harness location and use zip ties to secure it to the wire harness.

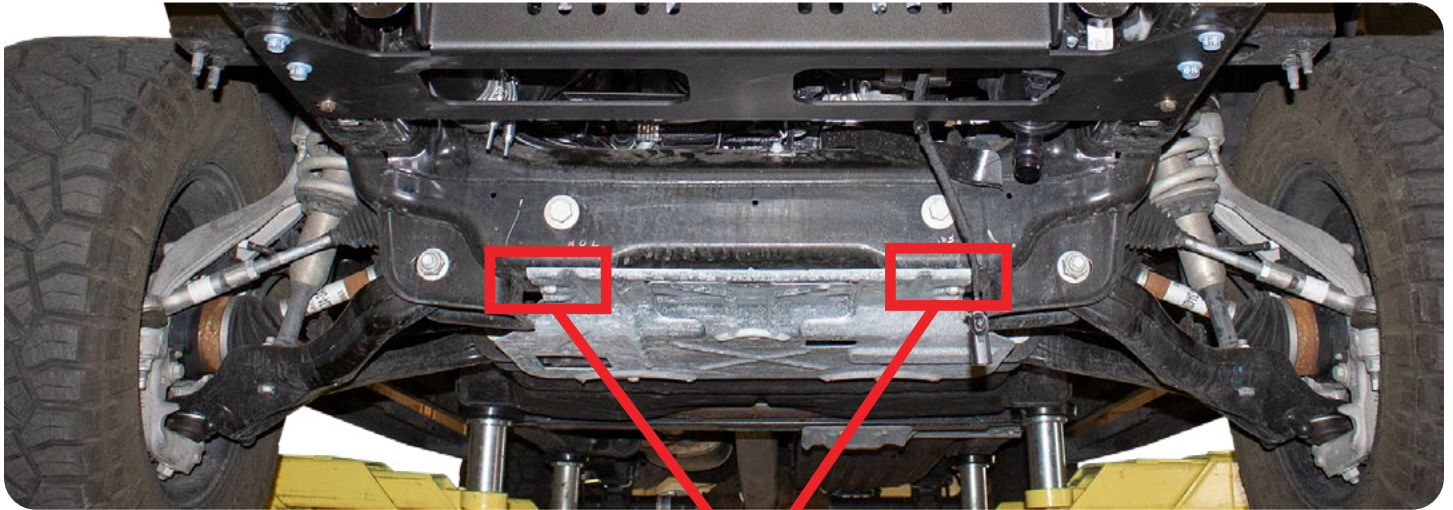


STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

INSTALL

□ STEP 21

If your truck has a bracket lift kit and is 4WD, use a 1 1/16" Socket to remove the lift bracket mounting bolts. Use a 13mm Socket to remove the two front skid plate bolts. Then, remove the factory U-nuts and install the supplied **(A2)** U-Nuts (x2) into each hole.



STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

INSTALL

□ STEP 22

With the help from another installer, position the bumper on the truck and with the provided (A, A1) 3/8" hardware using a (9/16 socket).

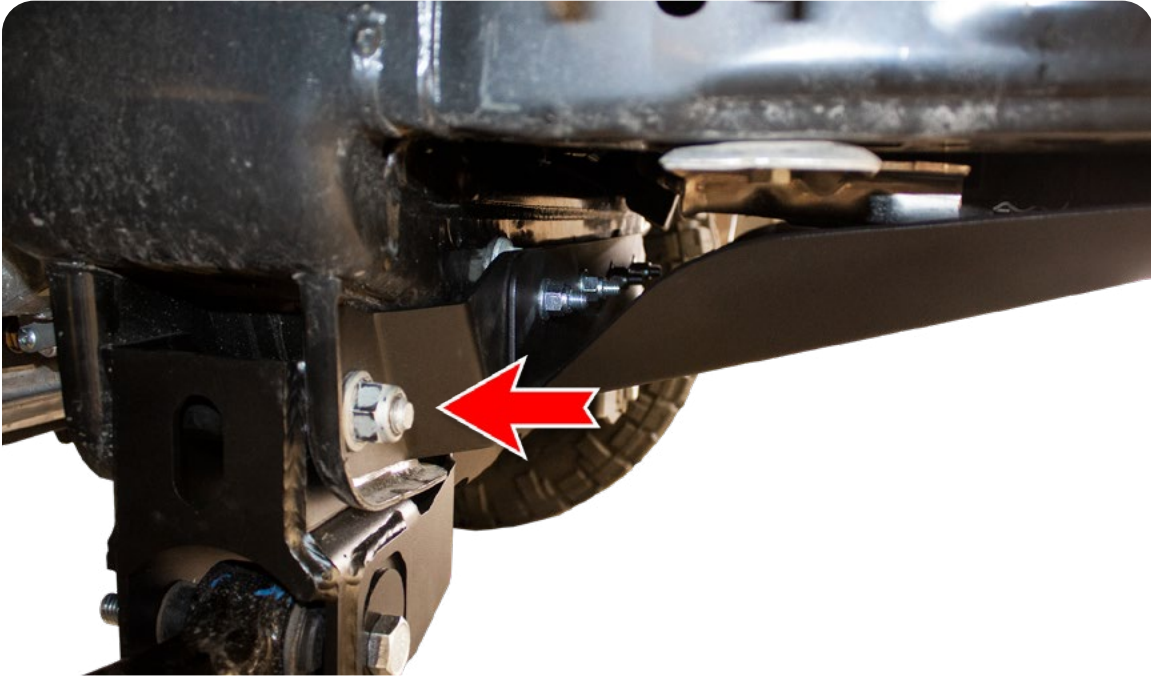


STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

INSTALL

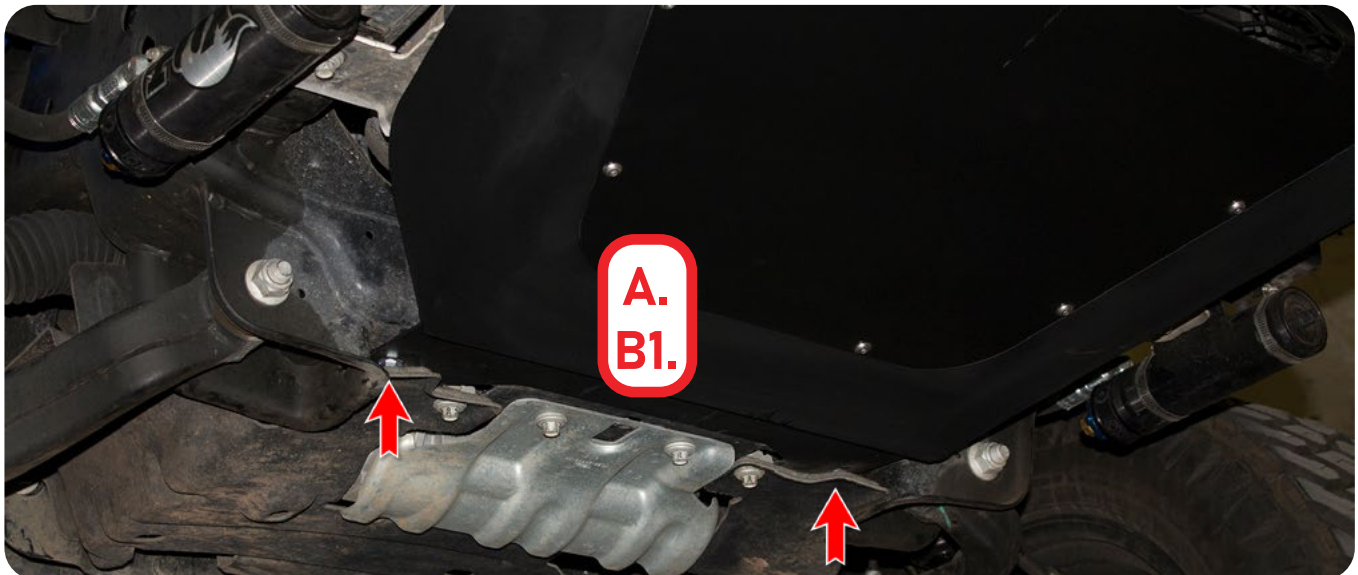
□ STEP 23

If you have a 4wd truck with a bracket lift, reinstall the lift kit bolts from Step 21.



□ STEP 24

If you have a truck that is not a bracket lifted 4wd, install the supplied (A, B1) 3/8" hardware into the lower skid plate mounting holes using a (9/16 socket).

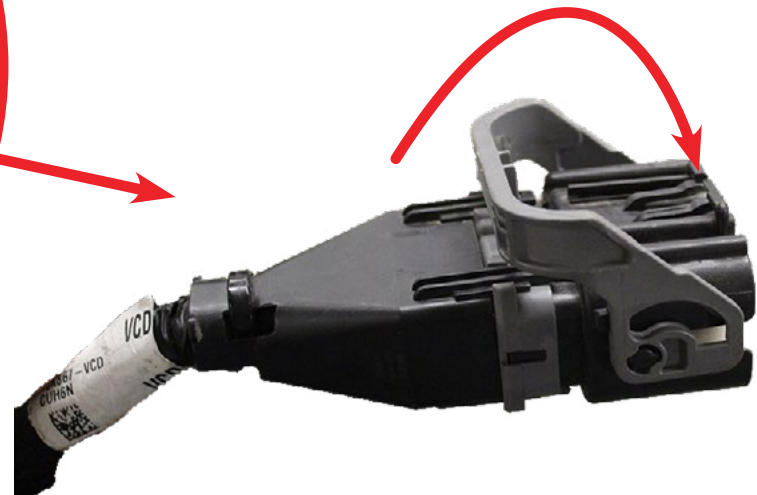


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INSTALL

□ STEP 25

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



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INSTALL

□ STEP 26

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



STEALTH FIGHTER FRONT BUMPER & WINCH 2024-UP/F-150

FINAL

□ STEP 27

Stand back and enjoy your new ADD Stealth Fighter Front Bumper And Winch.
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

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PLEASE CALL 480-671-0820 OR
EMAIL INFO@ADDICTIVEDESERTDESIGNS.COM