



INSTALLATION GUIDE

2023-UP FORD SUPER DUTY STEALTH FIGHTER FRONT BUMPER F811201140103



TOOLS REQUIRED

- 5/32, 5/16, 9/16, 3/4, 15mm, 18mm Sockets
- 9/16, 3/4 Wrenches
- 7/32, 5/16 Allen
- Panel Clip Removal Tool
- Zip Ties
- Flush Cutters



SKILL LEVEL

- Medium



TIME REQUIRED

- Approximately 3 Hours

⚠ 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

A1.



3/8-16 X 1" BUTTON HEAD BOLT

QTY: 2

A2.



3/8-16 X 1" CARRIAGE BOLT

QTY: 4

A3.



3/8 FLAT WASHER

QTY: 4

A4.



3/8-16 U-NUT CLIP

QTY: 2

A5.



3/8-16 NYLON LOCK NUT

QTY: 4

B1.



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

QTY: 12

B2.



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

QTY: 2

B3.



1/2 FLAT WASHER

QTY: 16

B4.



1/2-13 NYLON LOCK NUT

QTY: 2

B5.



ROUND PUSH NUT

QTY: 6

B6.



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

QTY: 6

B7.



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

QTY: 2

B8.



1/2-13 NYLON LOCK NUT

QTY: 8

B9.



1/2 FLAT WASHER

QTY: 10

C1.



RUBBER GROMMET

QTY: 4

C2.



PLASTIC PLUG

QTY: 4



INSTALLATION GUIDE

HARDWARE/PARTS

D1.



LIGHT MOUNT TAB 1

QTY: 1

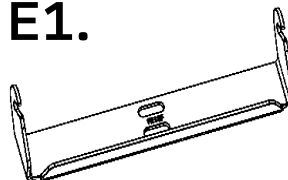
D2.



LIGHT MOUNT TAB 1

QTY: 1

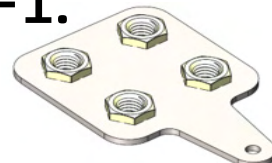
E1.



LIGHT MOUNT TAB 2

QTY: 2

F1.



NUT PLATE 1

QTY: 2

F2.



NUT PLATE 2

QTY: 2



INSTALLATION GUIDE

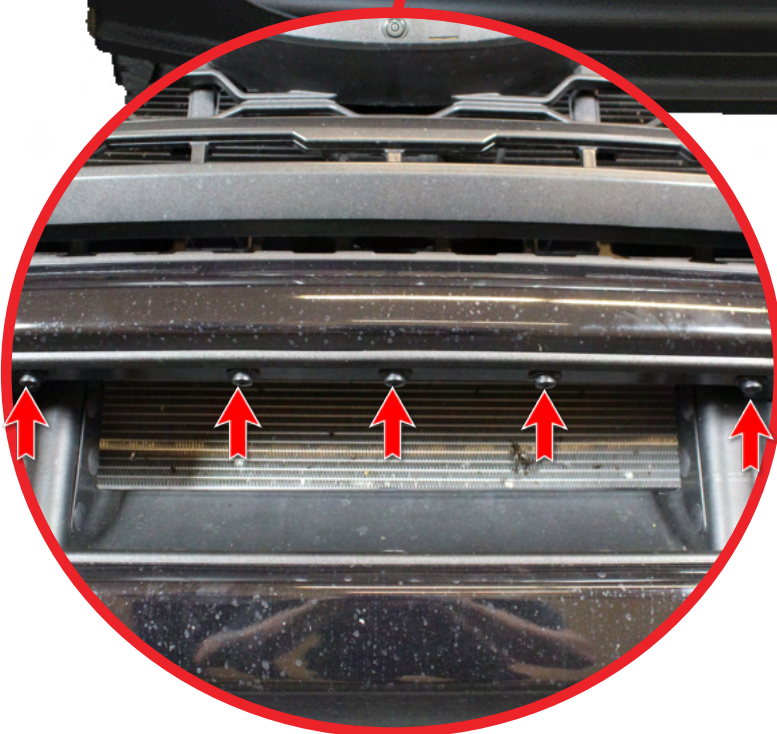
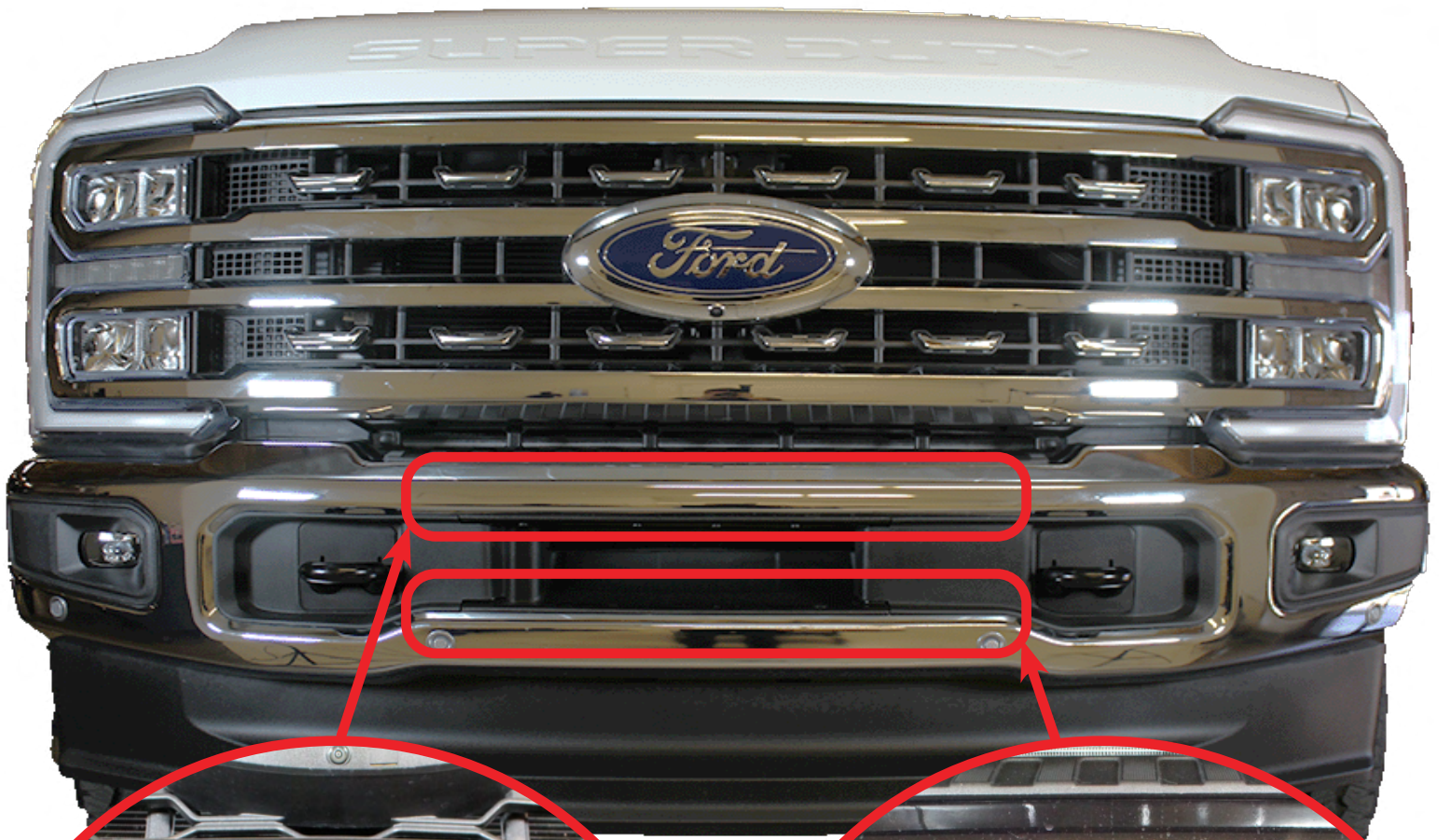
□ STEP 1

Locate the front bumper wire harness connector along the Driver side frame rail, then depress the retaining clip and pull both ends of the connector apart to disconnect the harness from the vehicle.
(Pull from the connector bodies ONLY and do NOT pull from the wires)



□ STEP 2

Using a (Panel Clip Removal Tool) locate and remove each of the retaining clips indicated below.



□ STEP 3

Working from one end to the other, remove the trim panel shown below by lifting from the edge then pulling firmly to release each of the retaining clips.



□ STEP 4

If your truck is equipped with a factory block heater, use a (Panel Clip Removal Tool) to locate and remove each of the harness retaining clips from the locations indicated below, then secure the harness out of the way.



□ STEP 5

Using a (5/32 Socket), locate and remove the (3) ACC Sensor Module retaining nuts, then carefully remove the sensor from the vehicle.

(Use care when handling the ACC Sensor Module. This is sensitive hardware and will be reused)



□ STEP 6

Using a (15mm Socket) locate and remove the bumper brace mounting bolts and their corresponding nut clips from the front side of the core support.
(Repeat on other side)



□ STEP 7

Using a (Panel Clip Removal Tool) locate and remove each of the retaining clips indicated below.



□ STEP 8

Using an (18mm Socket), locate and remove the (8) bumper mounting bolts indicated below, then with a helping hand, remove the bumper from the vehicle.
(Have help available before fully removing the hardware)



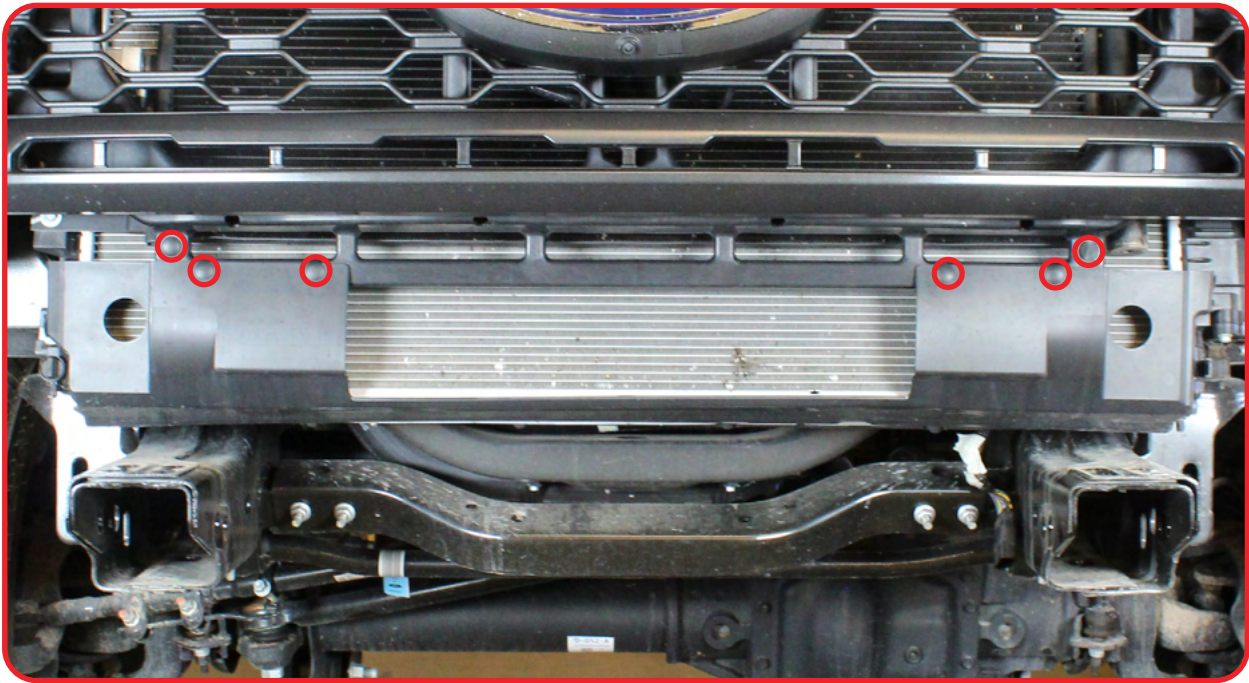
□ STEP 9

Using an (18mm Socket), locate and remove the (16) fasteners indicated below along with their corresponding hardware, then remove the D-Rings and impact guards from the vehicle.



□ STEP 10

Using a (Panel Clip Removal Tool) locate and remove each of the retaining clips indicated below then remove the cooler shroud(s) from the vehicle.



IF EQUIPPED, REMOVE THE INTERCOOLER SHROUD AS WELL





INSTALLATION GUIDE

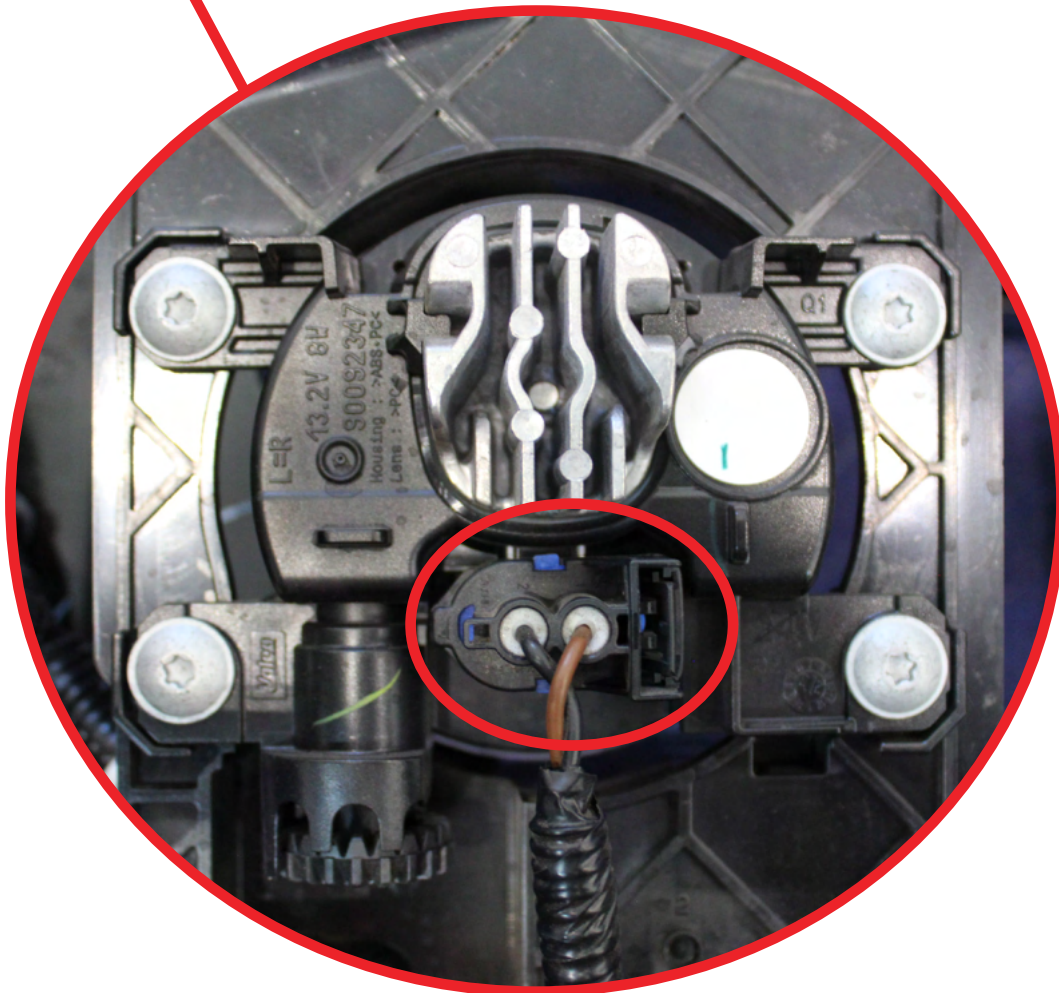
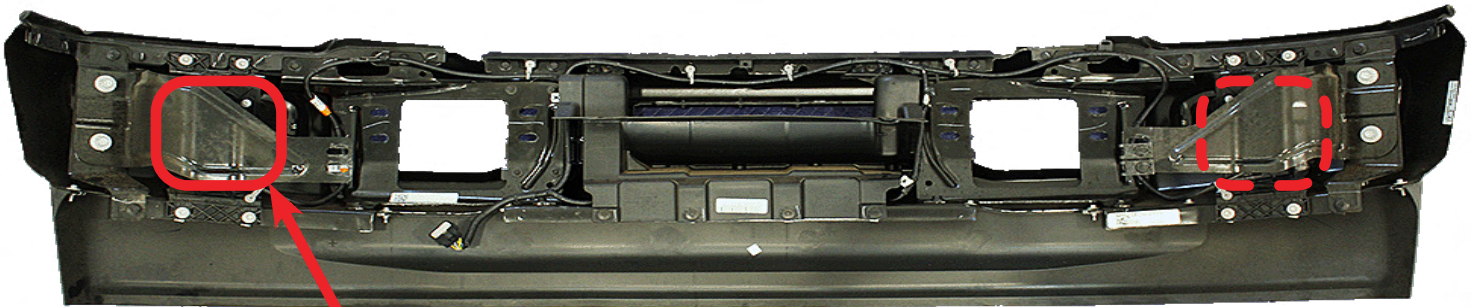
If you've purchased the Adaptive Cruise Control Relocation Bracket, reference the installation guide for that product at the link below and proceed with that portion of the install at this time.

<https://www.addictivedesertdesigns.com/collections/2023-ford-super-duty-exterior-accessories/products/super-duty-acc-bracket>



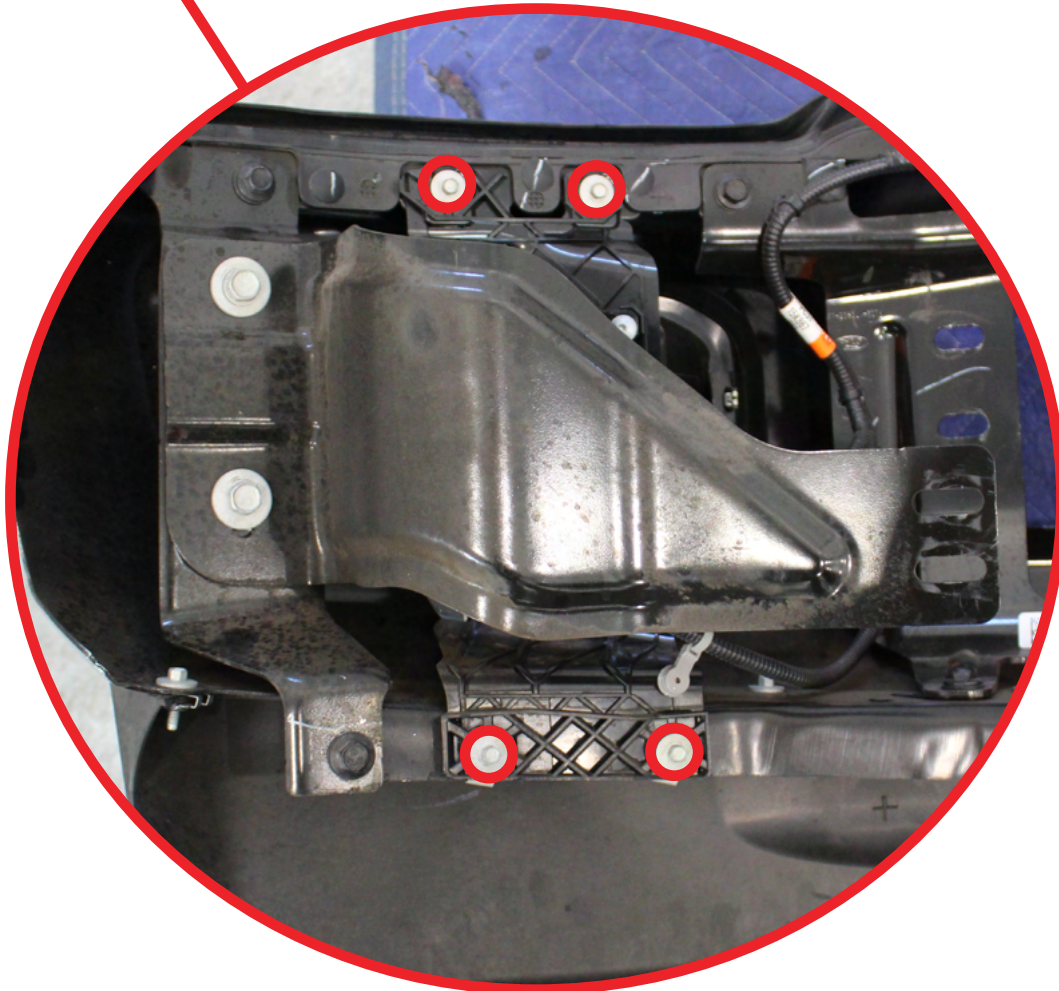
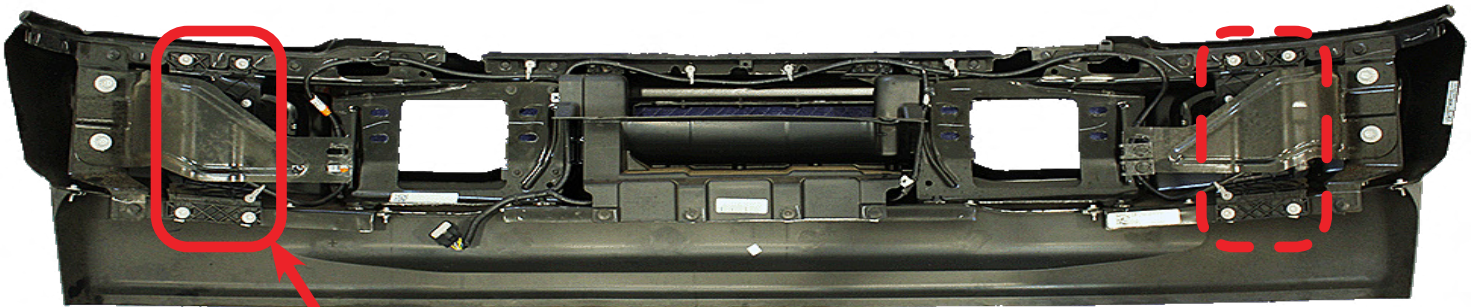
□ STEP 11

Locate the (2) fog light connectors then depress the retaining clip and pull from the connector body to disconnect the harness from the fog lights.
 (Pull from the connector bodies ONLY and do NOT pull from the wires)



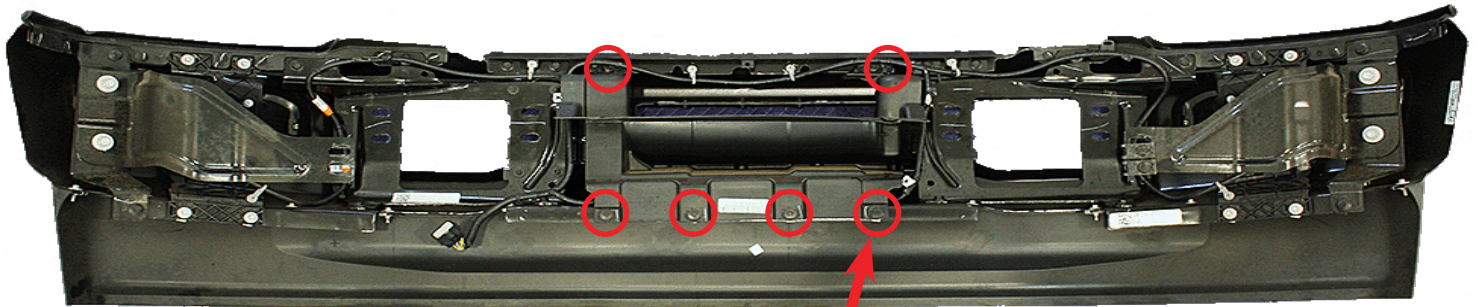
□ STEP 12

Using an (5/16 Socket), locate and remove the (8) fog light mounting bolts indicated below, then remove the fog lights from the bumper.



□ STEP 13

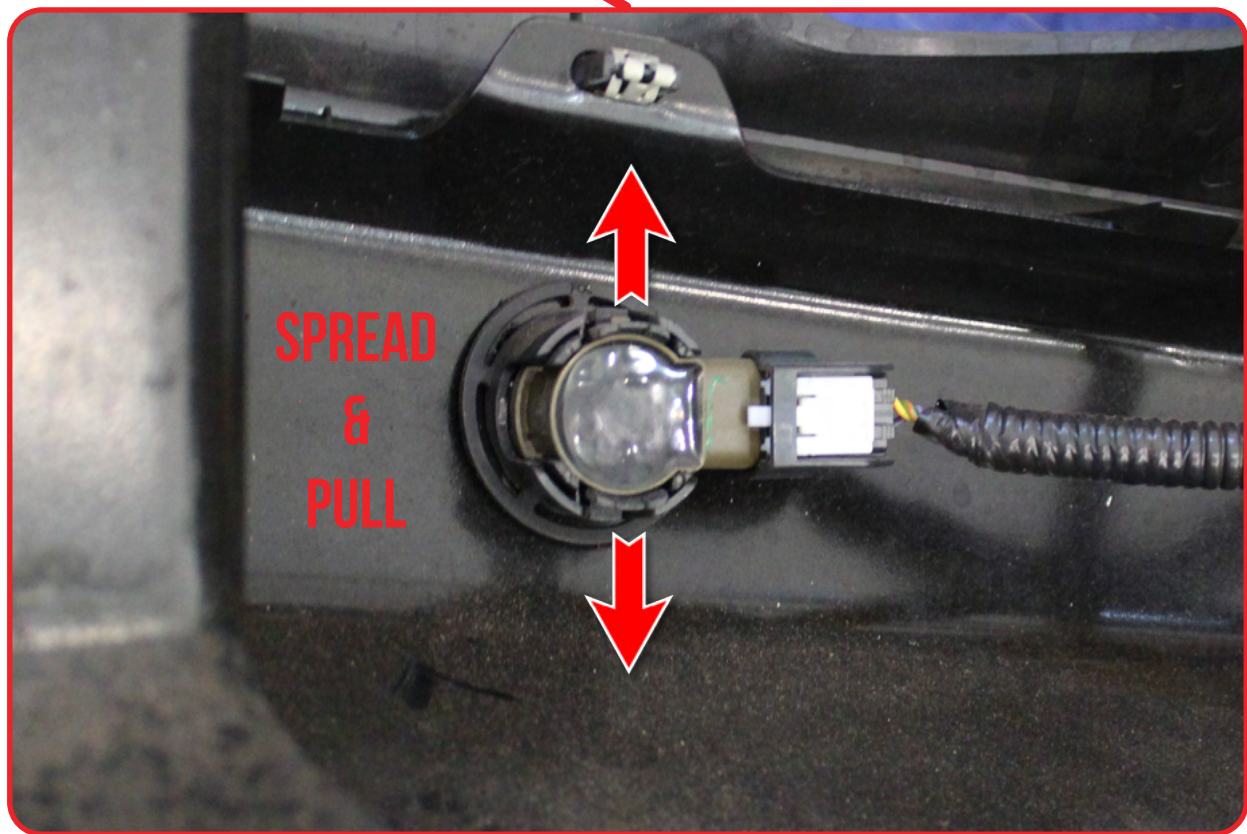
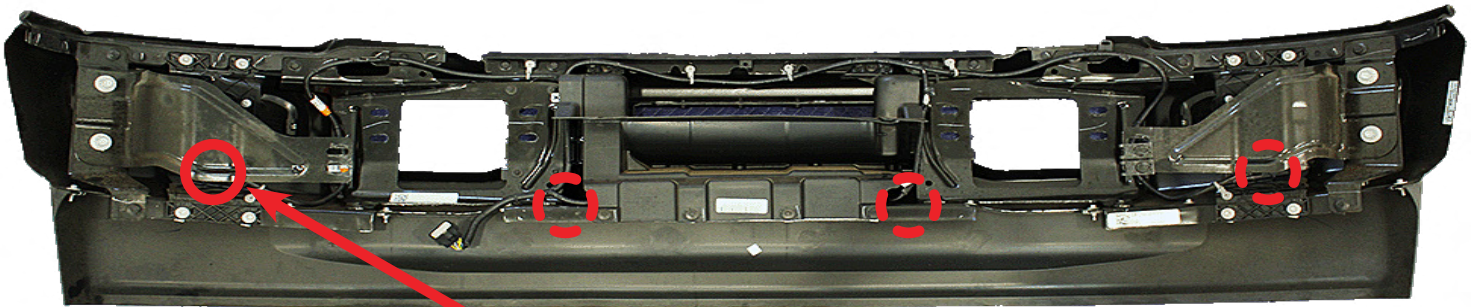
Using an (5/16 Socket), locate and remove the (6) bolts indicated below, then remove the shroud from the bumper.



□ STEP 14

Remove the parking sensors by spreading the indicated bezel retaining tabs, then pushing the sensor from the face side to release it from the bezel.

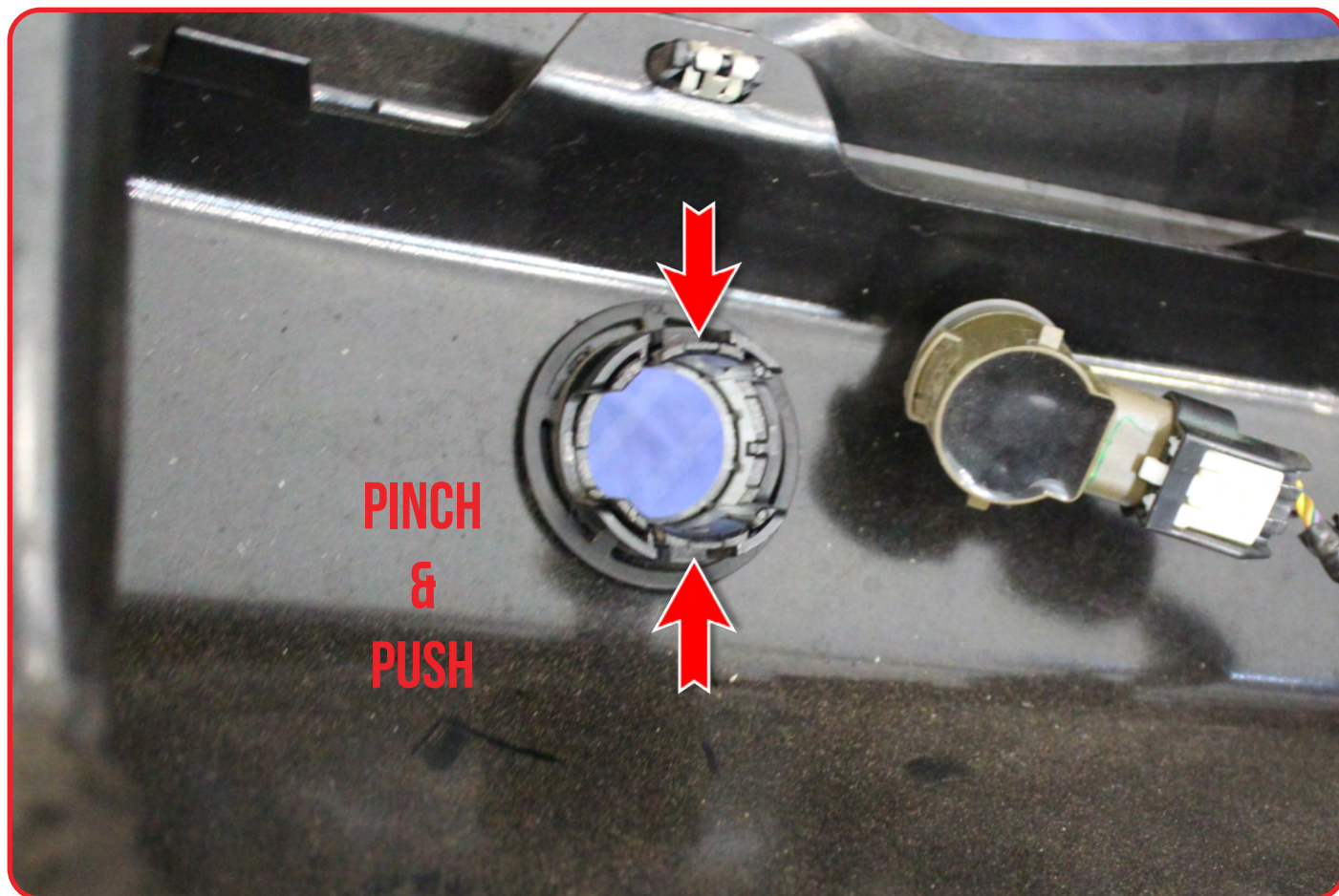
(Take note of sensor locations and orientation prior to removal to reference during re-installation)



□ STEP 15

Remove the sensor bezels by gently pinching the tabs then pushing the sensor bezel towards the front of the bumper.

(Take note of the bezel locations and orientation prior to removal to reference during re-installation)



Note: Bezels Are Marked With Their Designated Locations.

Example: FOL = Front Outer Left

□ STEP 16

Using a set of (Flush Cutters), trim/remove the indicated tabs from each of the parking sensor bezel backers as shown below.



□ STEP 17

Install sensor bezels (**FOR**) into the location specified below, with the bezel oriented so that the sensor is pointed upward.



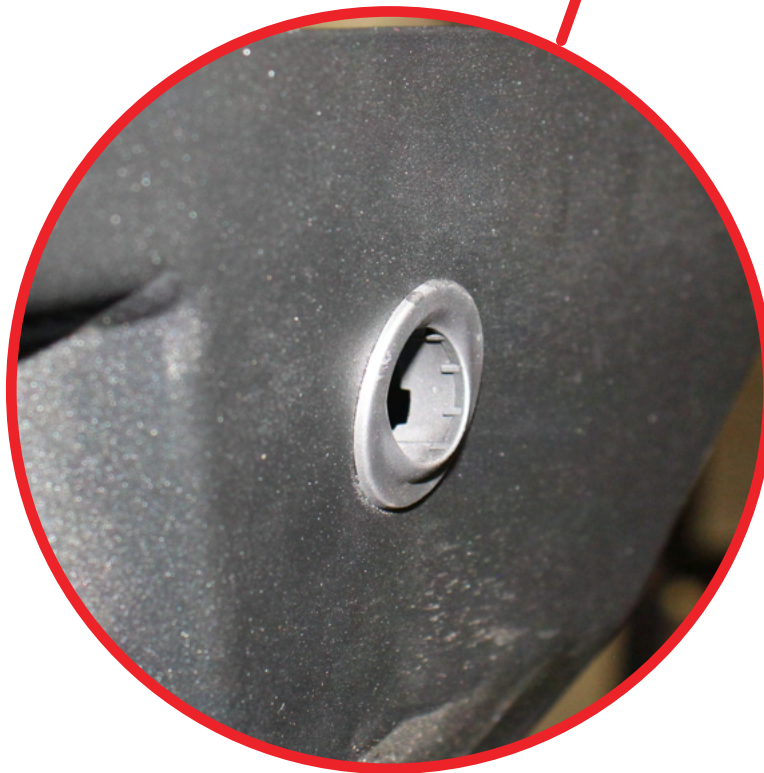
□ STEP 18

Install sensor bezels (**FIR**) into the location specified below, with the bezel oriented so that the sensor is pointed upward.



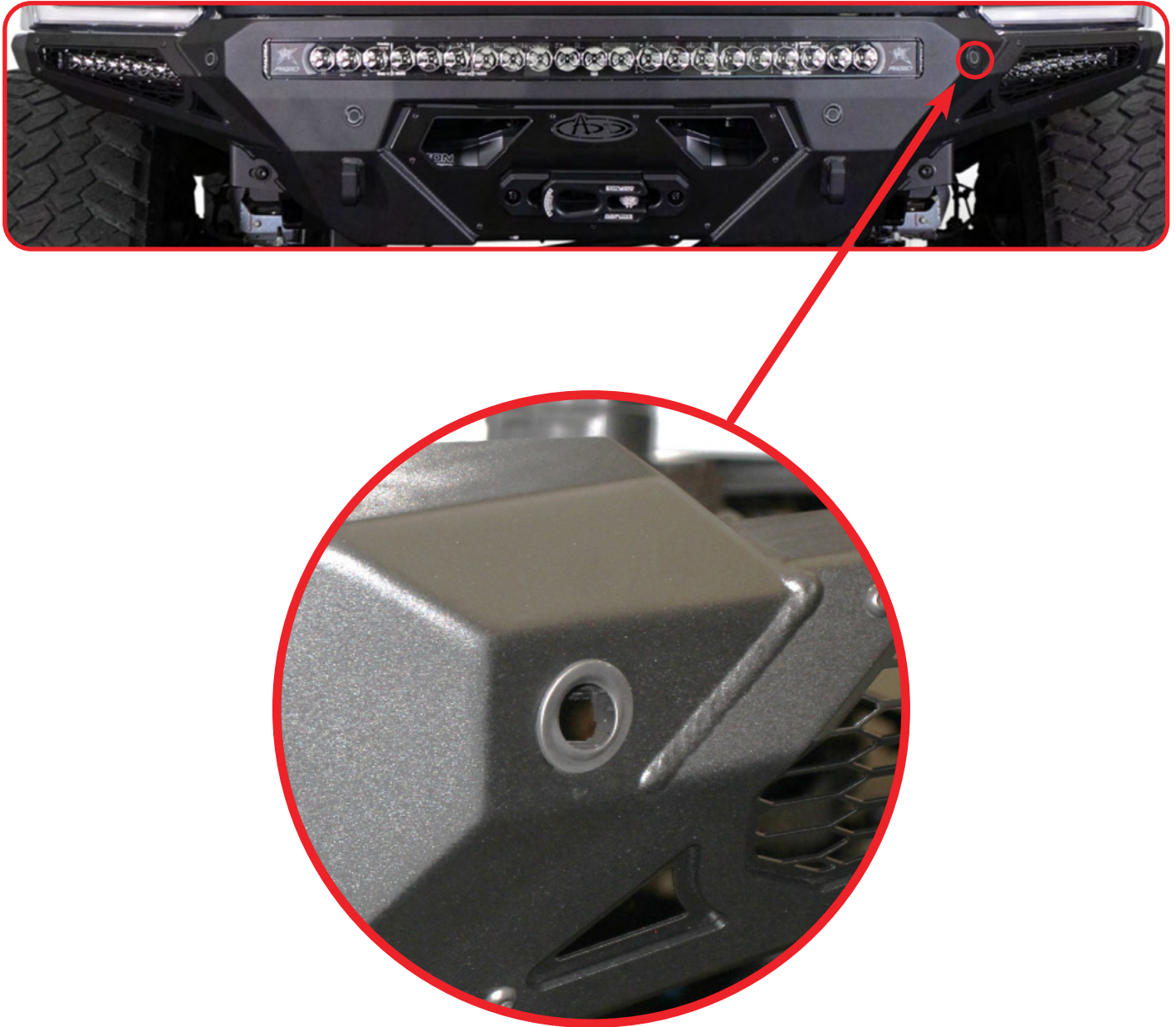
□ STEP 19

Install sensor bezels (FIL) into the location specified below, with the bezel oriented so that the sensor is pointed upward.



□ STEP 20

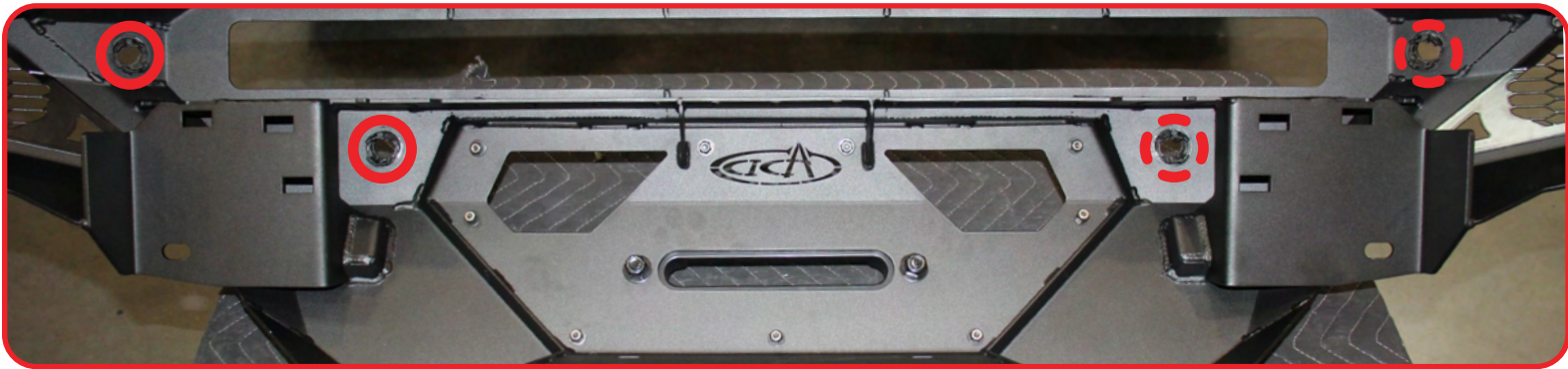
Install sensor bezels (FOL) into the location specified below, with the bezel oriented so that the sensor is pointed upward.



□ STEP 21

Install each of the parking sensors into their original locations and orientations as they were removed from the factory bumper.

(The sensors will only fit into the bezels one way. Ensure that the sensors are fully seated into the bezel for proper functionality)



OUTER

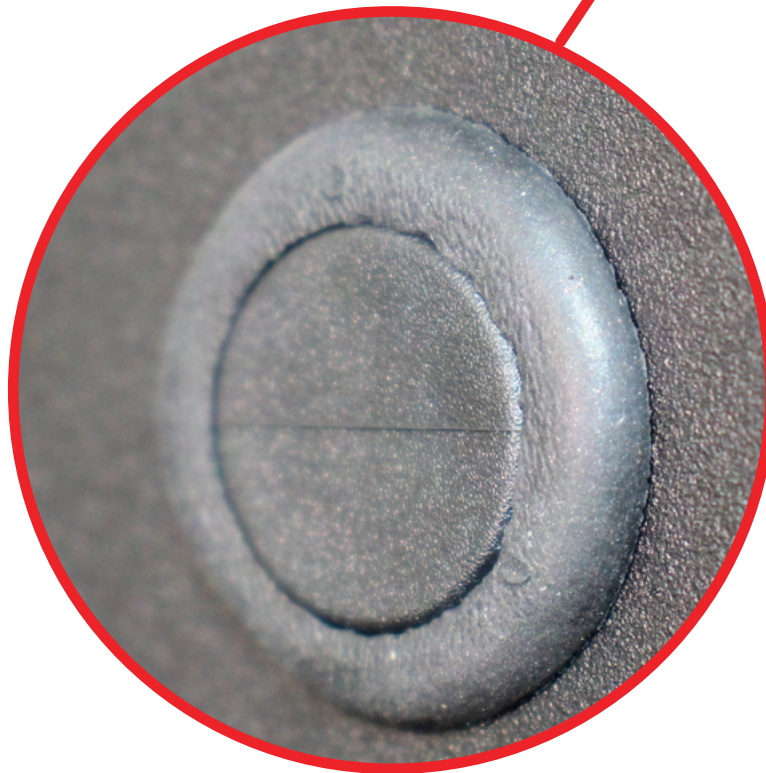


INNER



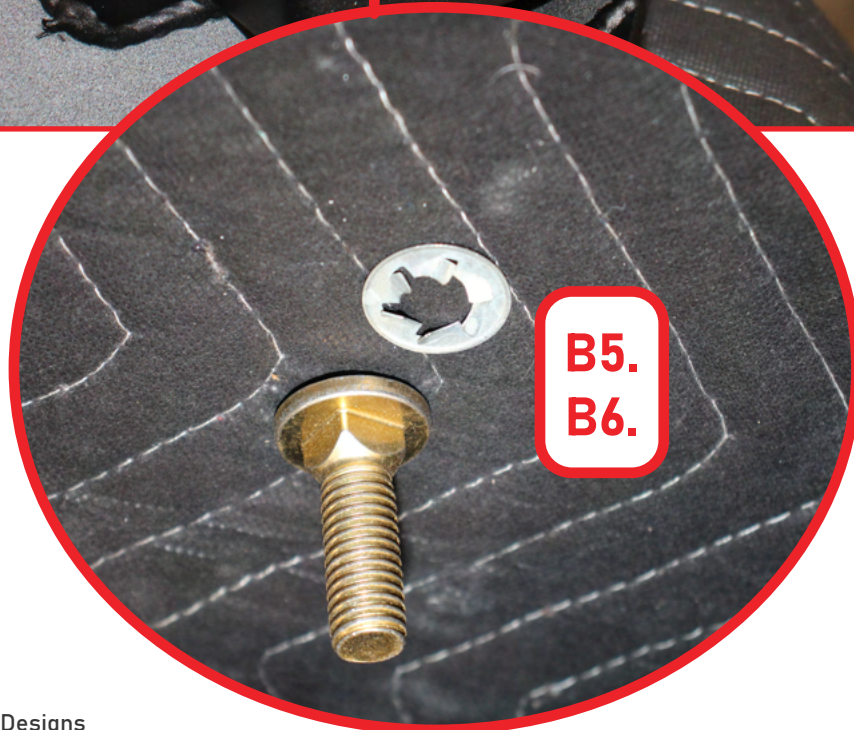
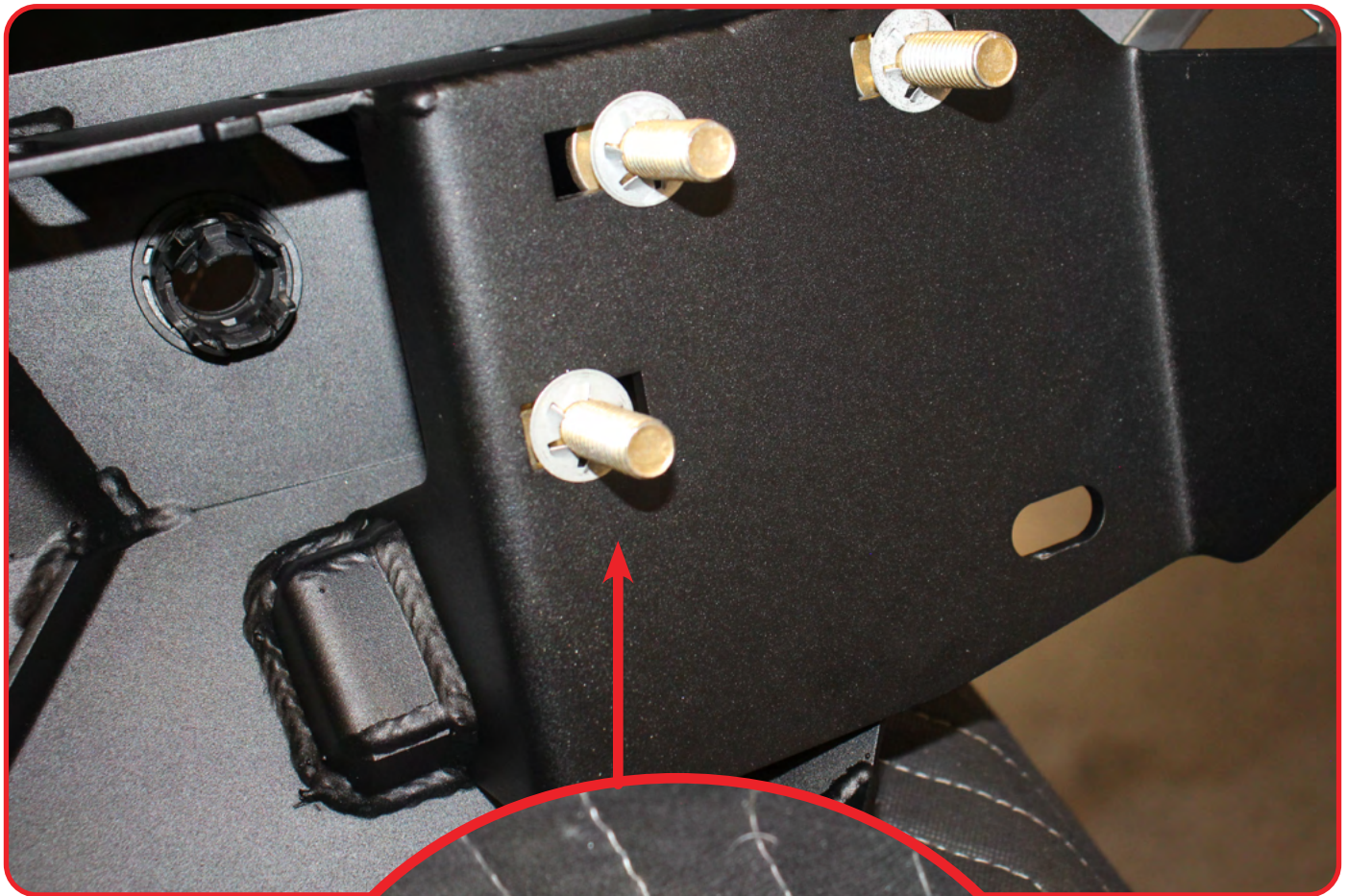
□ STEP 22

If your truck is not equipped with parking sensors, install the supplied sensor plug hardware (C1,C2.) into each of the sensor holes by first inserting (C1) into the opening, then inserting (C2) into the rubber grommet with flush fitment as shown below.



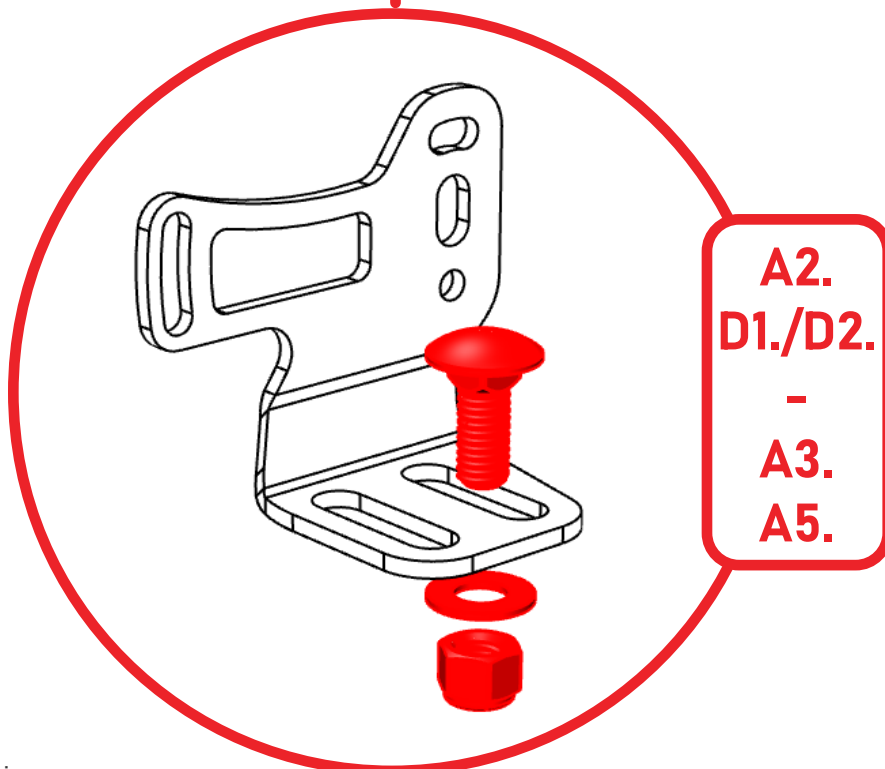
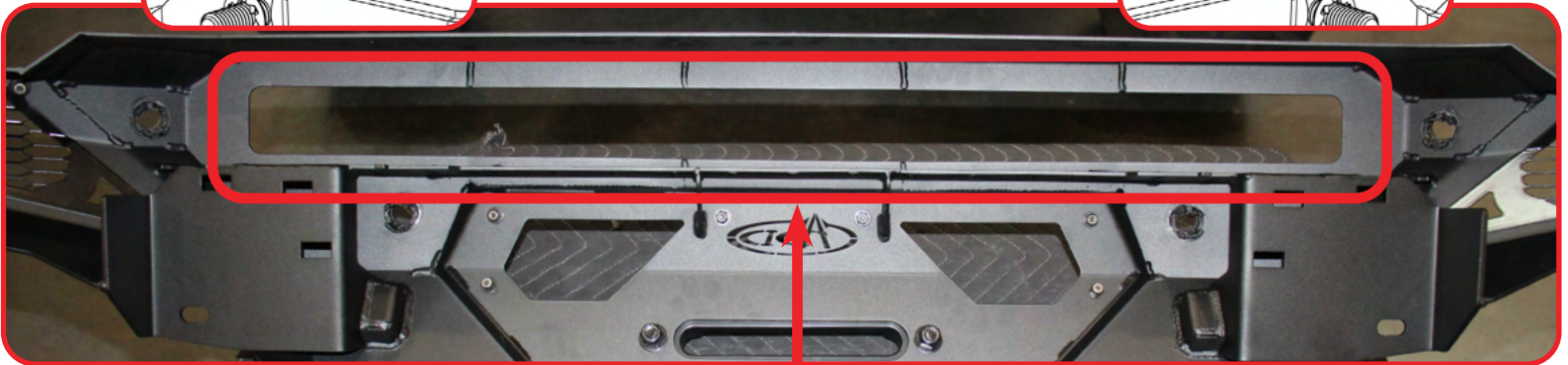
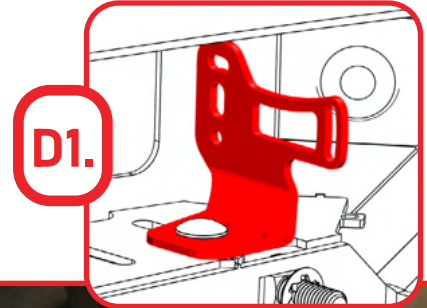
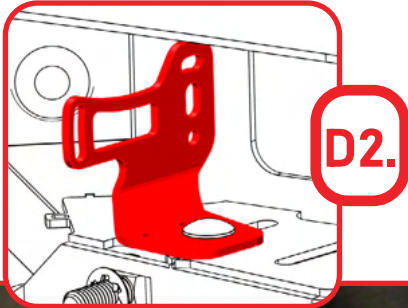
□ STEP 23

Install the supplied hardware (B6,B5) into bumper as shown below.
(Repeat on other side)



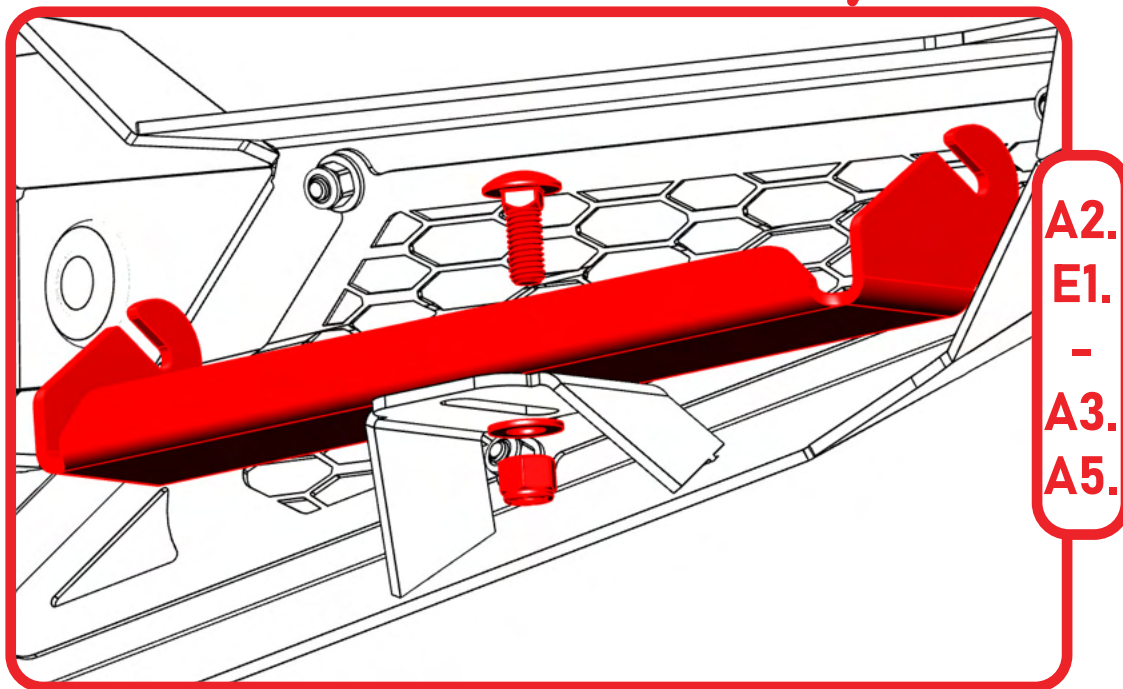
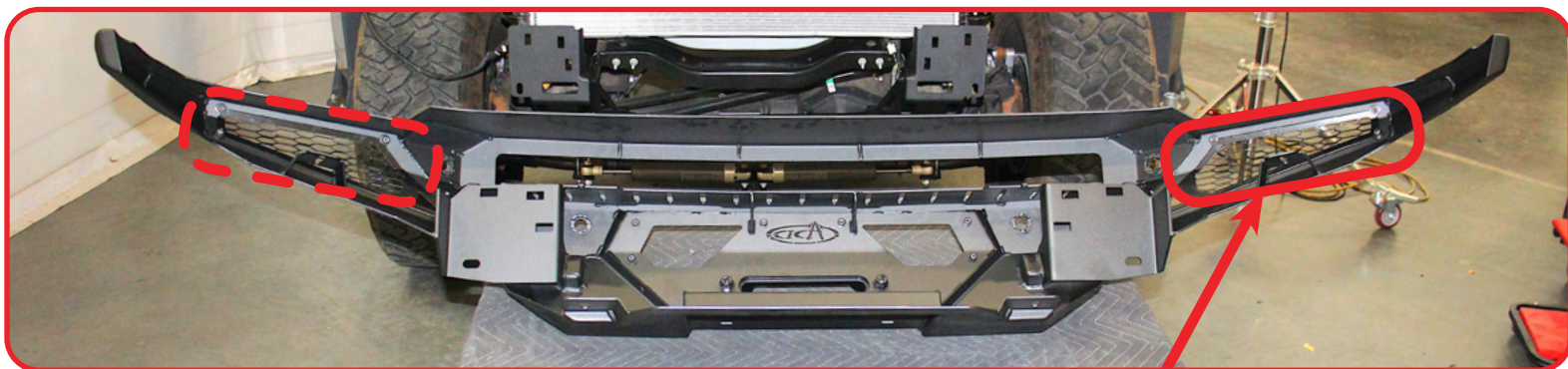
□ STEP 24

Using a (9/16 Wrench) along with the supplied hardware (A2, A3, A5), install your light into the supplied light mount tabs (D1, D2) with the mounting tab oriented towards the center, then install the assembly into the bumper in the location indicated below.
(Pre-fit your light prior to tightening to determine the best mounting position)



□ STEP 25

Using a (9/16 wrench) along with the supplied hardware (A2, A3, A5), install your light into the supplied light mount tab (E1.), then install the assembly into the bumper in the locations indicated below.
(Pre-fit your lights prior to tightening to determine the best mounting position)





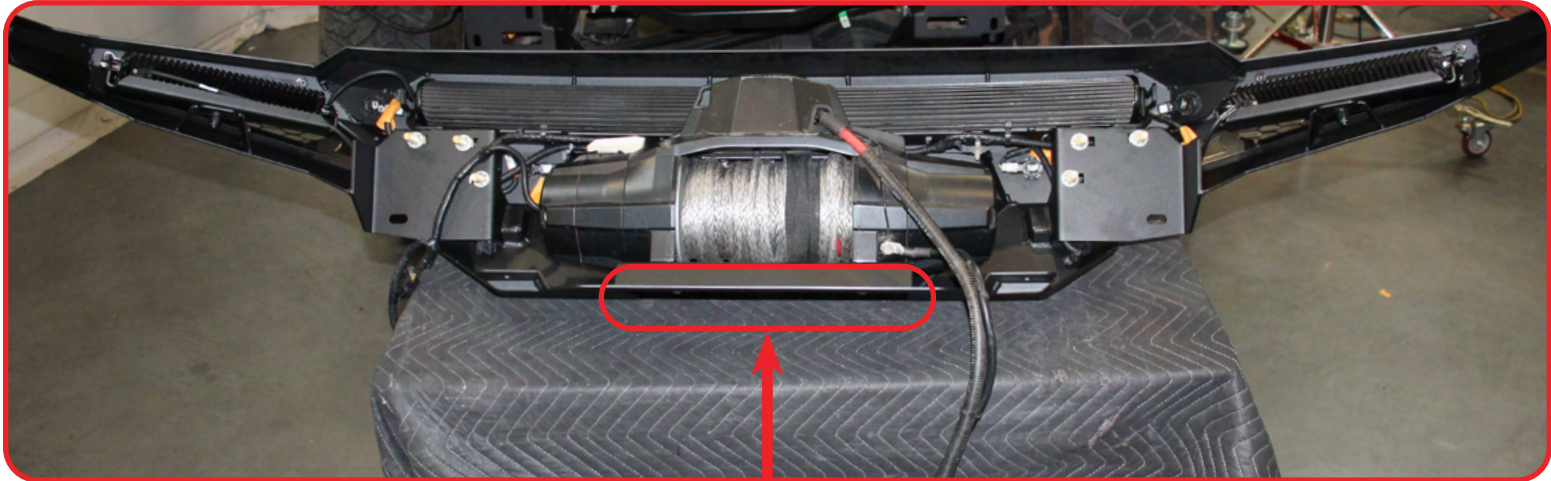
□ STEP 26

Install your fairlead onto the bumper at this time.



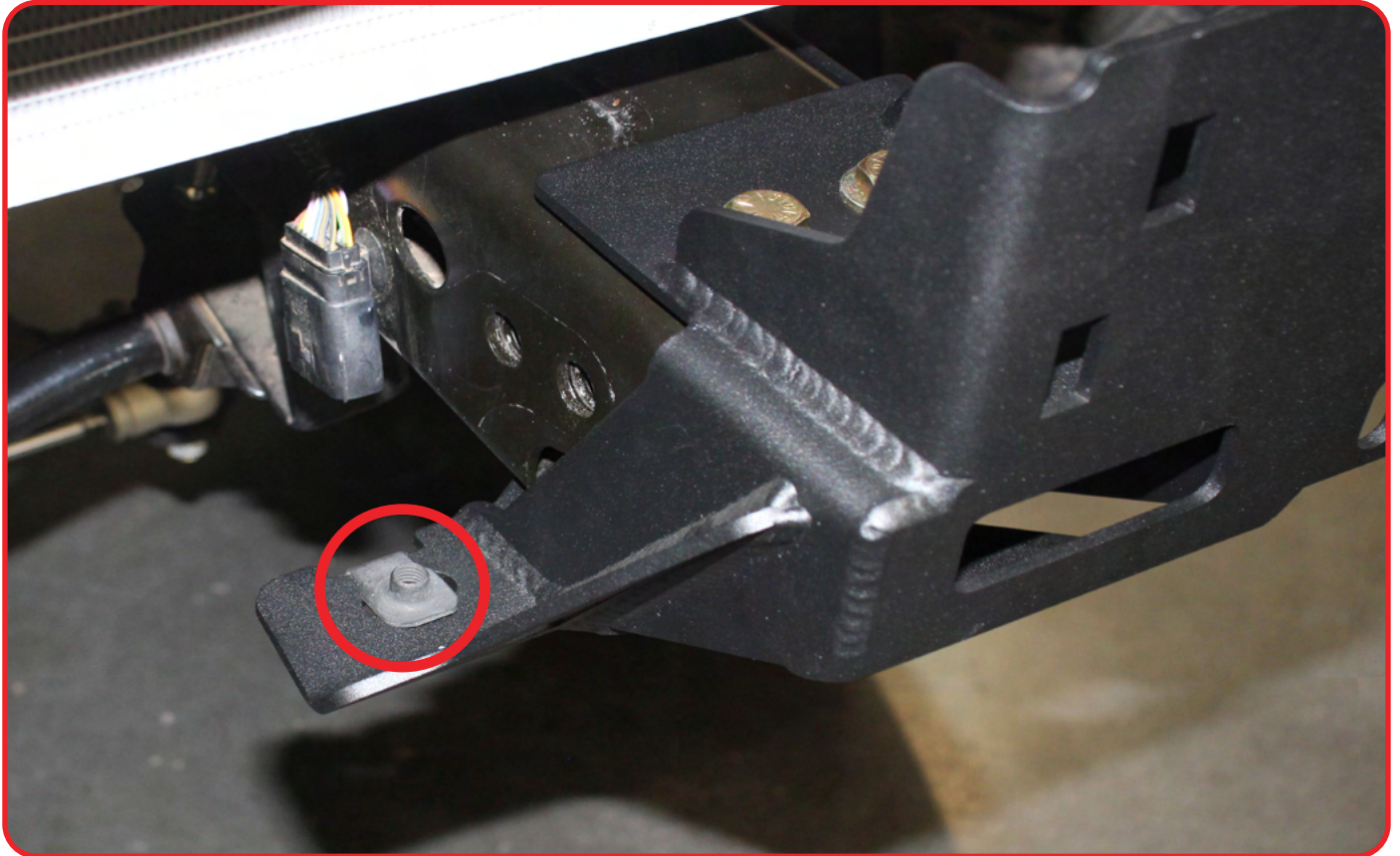
□ STEP 27

Install your winch into the bumper at this time.



□ STEP 28

Install (A4.) onto both frame horn mount adapters as shown below.



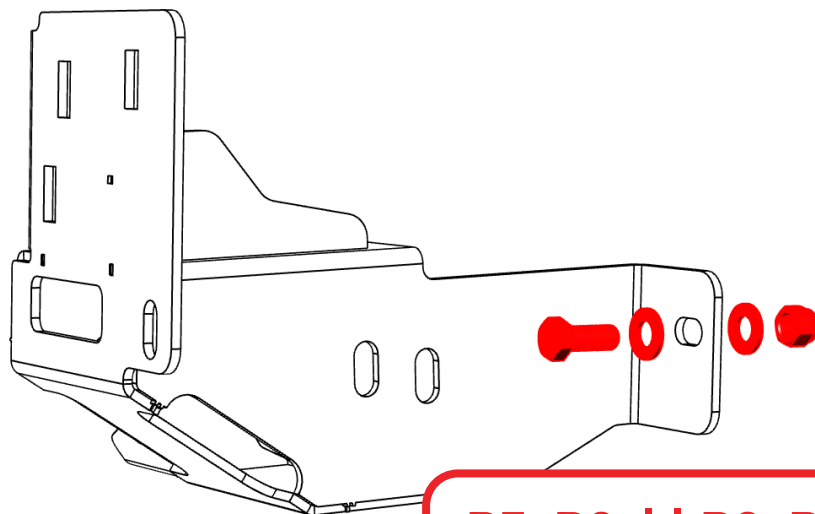
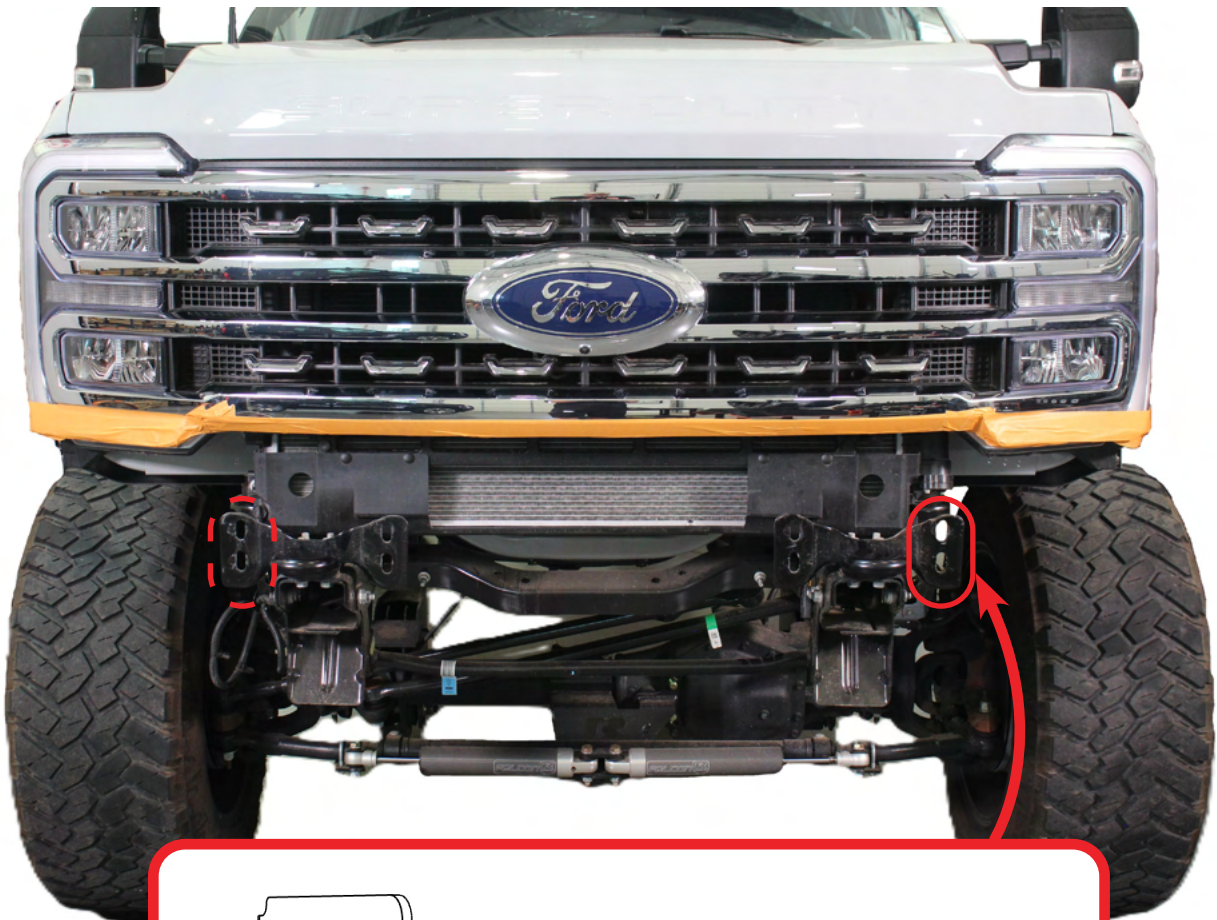
□ STEP 29

Slide the frame horn mount adapters onto the frame rails as shown below, with the previously installed nut clip positioned to the inside.



□ STEP 30

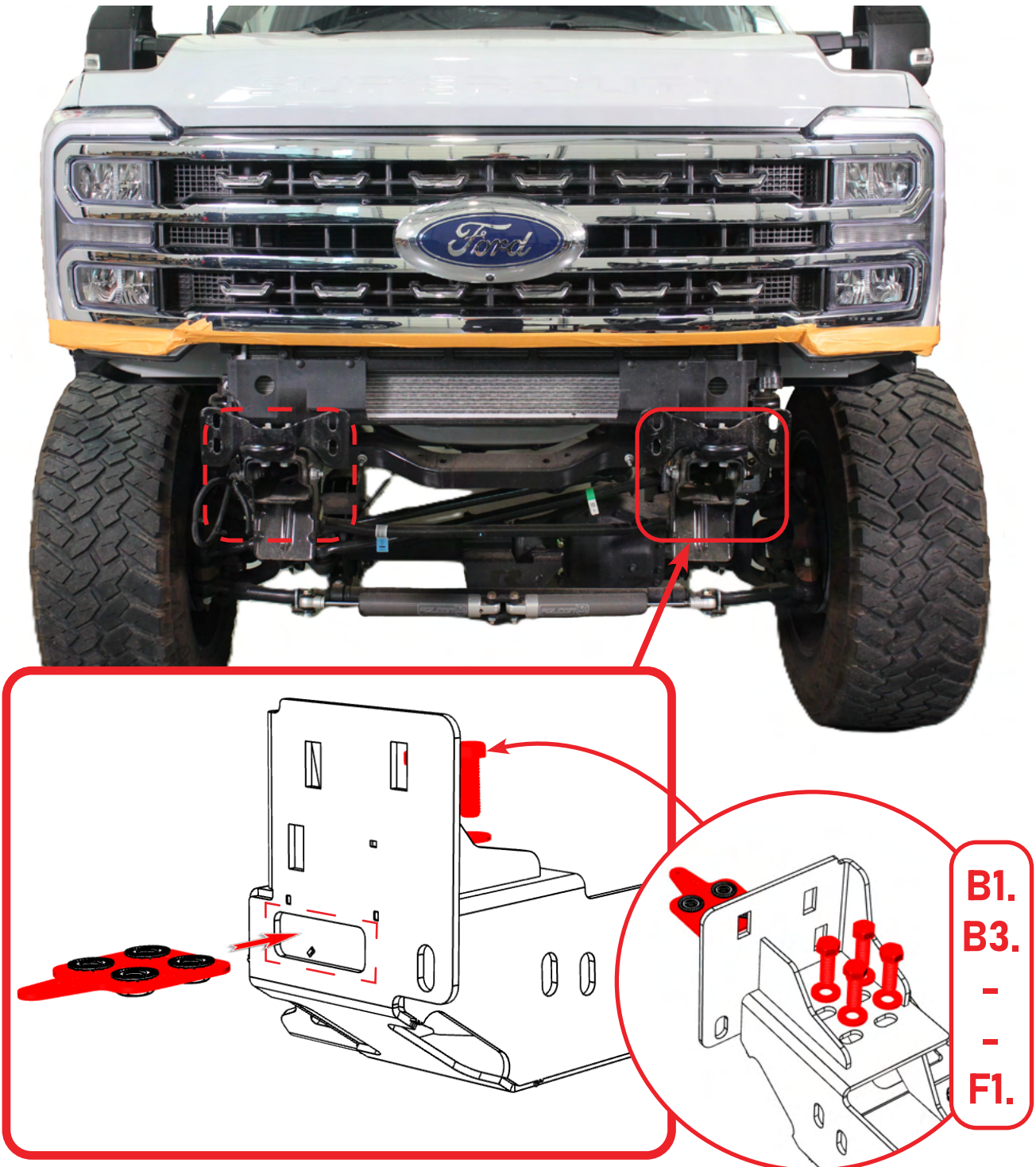
Using a (3/4 socket and wrench) install the supplied hardware (B7, B9,B9,B8) as shown below, connecting the rear tab of the mount adapter to the front of the core support mounts. (Leave loose at this time)



B7. B9. || B9. B8.

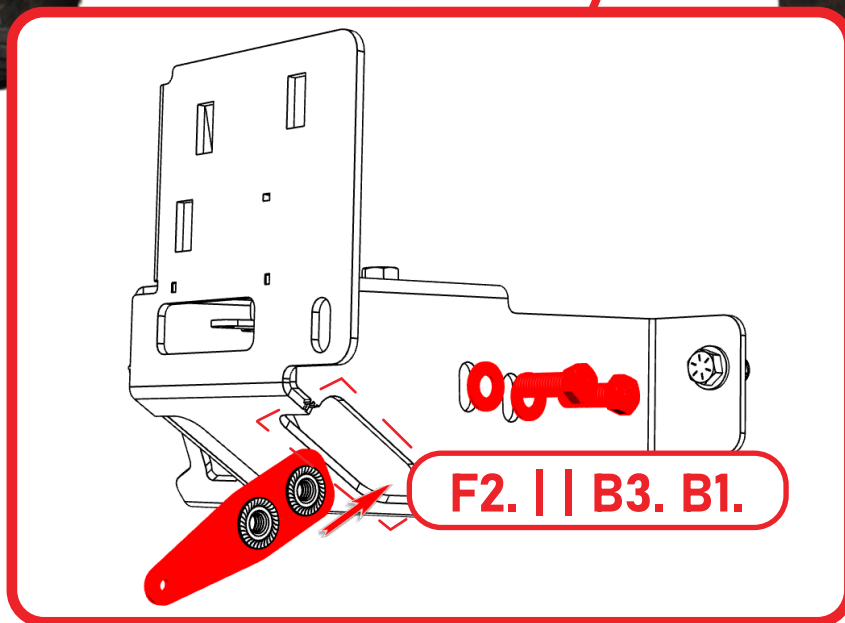
□ STEP 31

Using a (3/4 socket) along with the supplied hardware (B1, B3) insert the supplied nut plate (F1), through the front opening of the frame horn mount adapter, then fasten the mount adapter to the top of the frame as indicated below.
(Leave loose at this time. Repeat on other side)



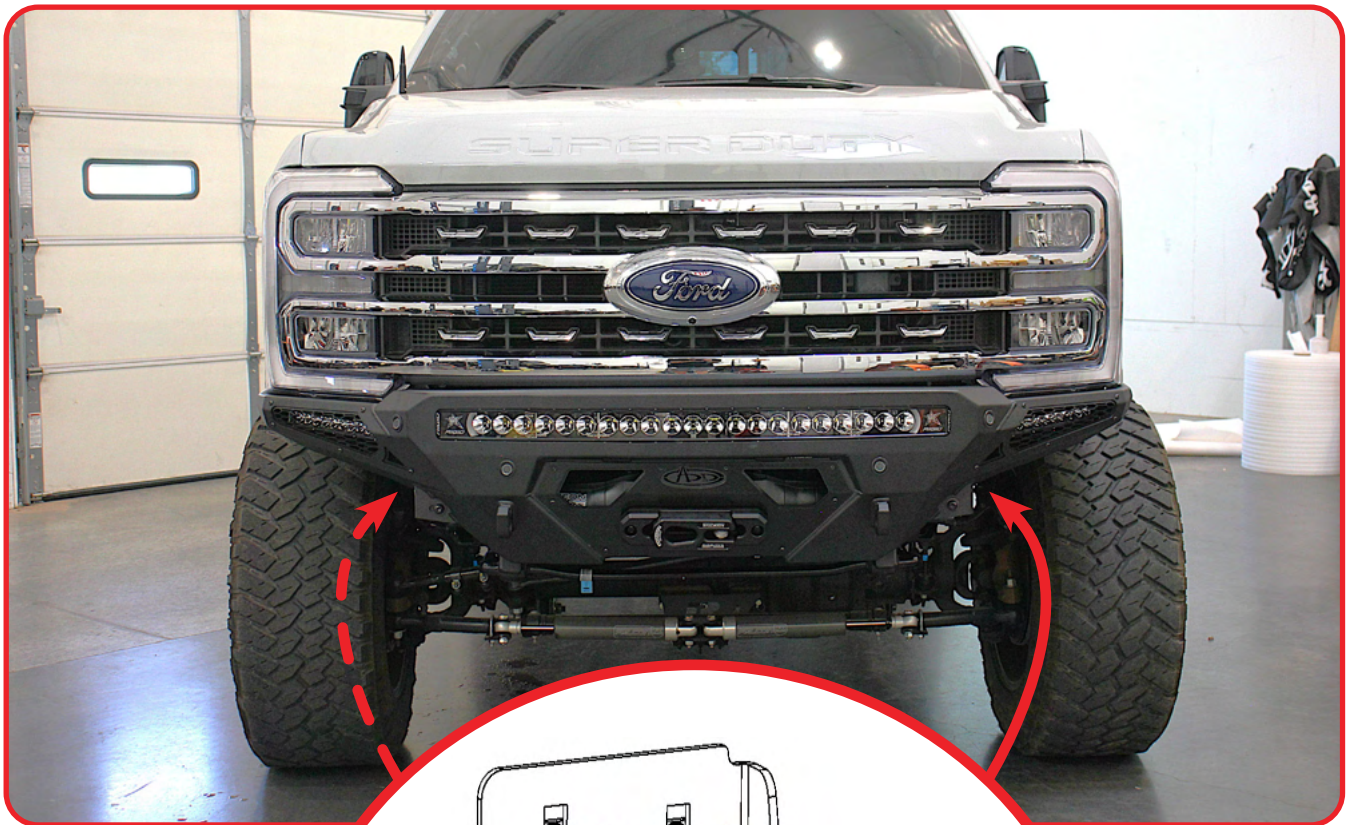
□ STEP 32

Using a (3/4 socket) along with the supplied hardware (B1, B3) insert the supplied nut plate (F2), through the outside opening of the frame horn mount adapter, then fasten the mount adapter to the side of the frame as indicated below.
(Leave loose at this time. Repeat on other side)

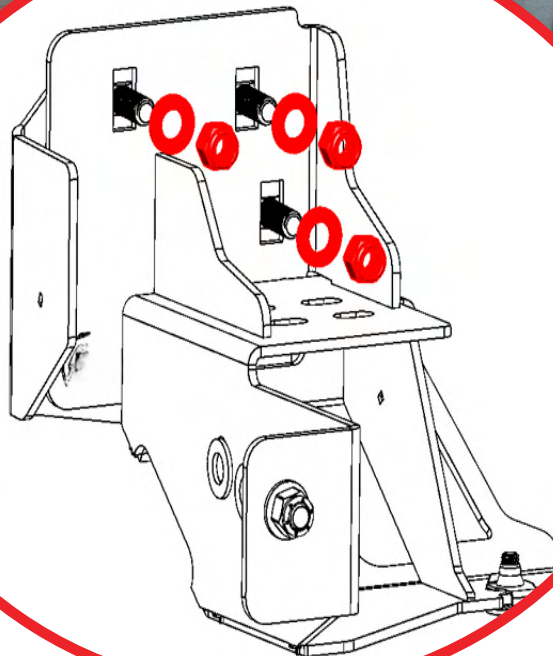


□ STEP 33

With a helping hand, use a (3/4 socket) along with the supplied hardware (B9, B8), to install the bumper onto the frame horn mount adapters as shown below.
(Use care to prevent causing damage to the paint/body during installation. Leave loose at this time)

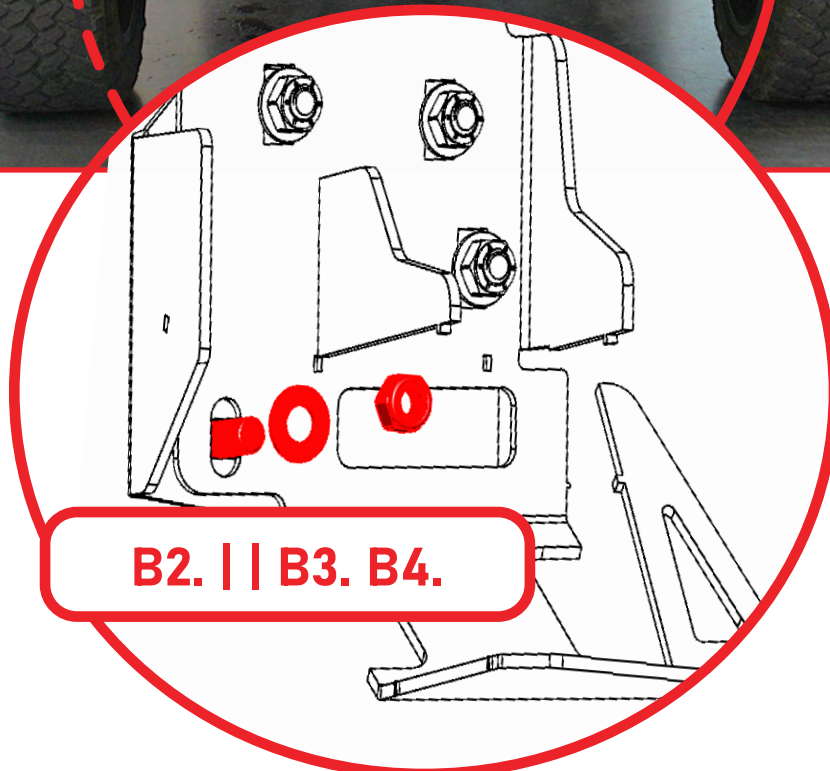
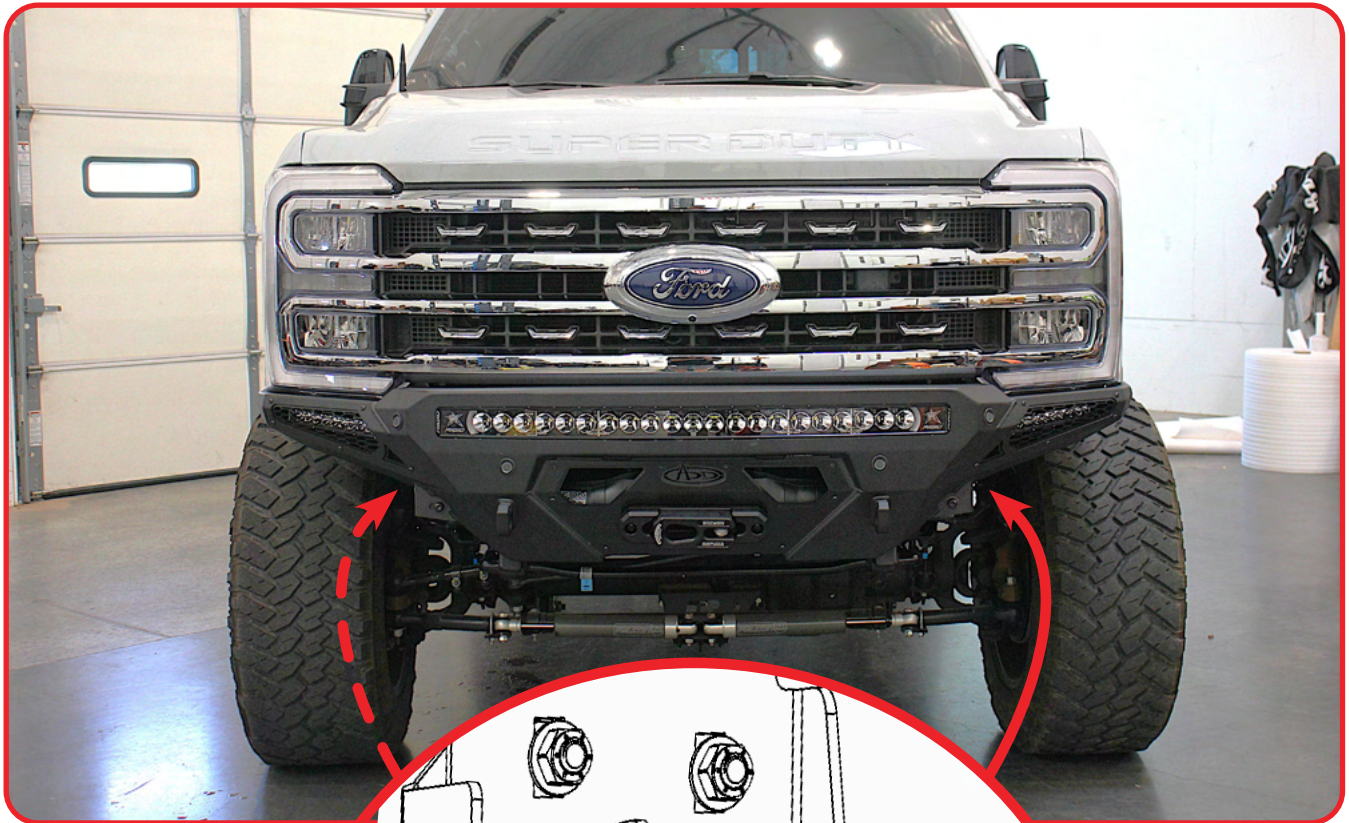


B9.
B8.



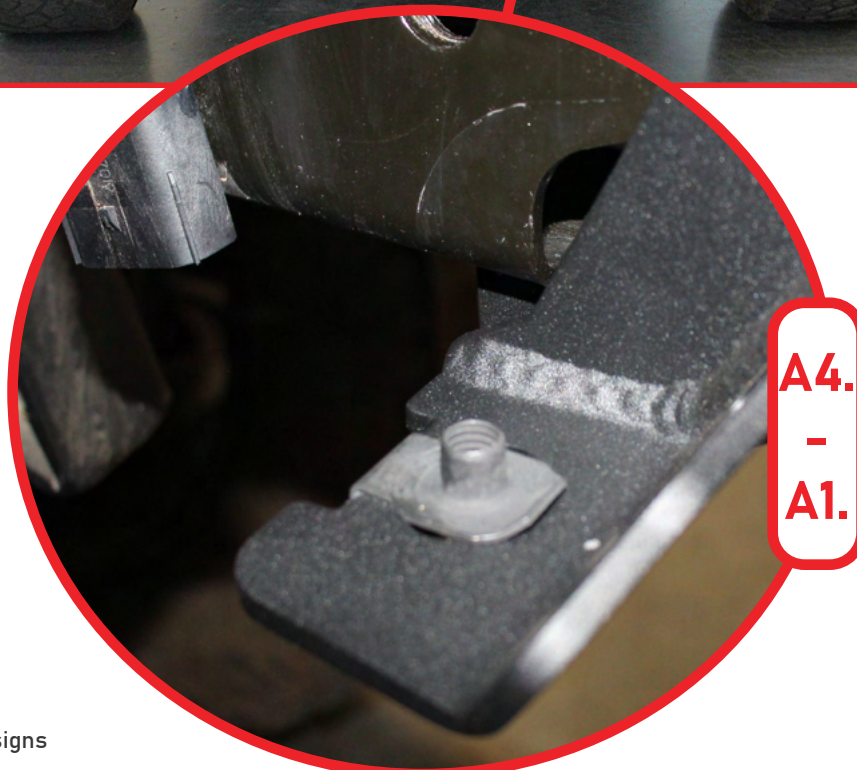
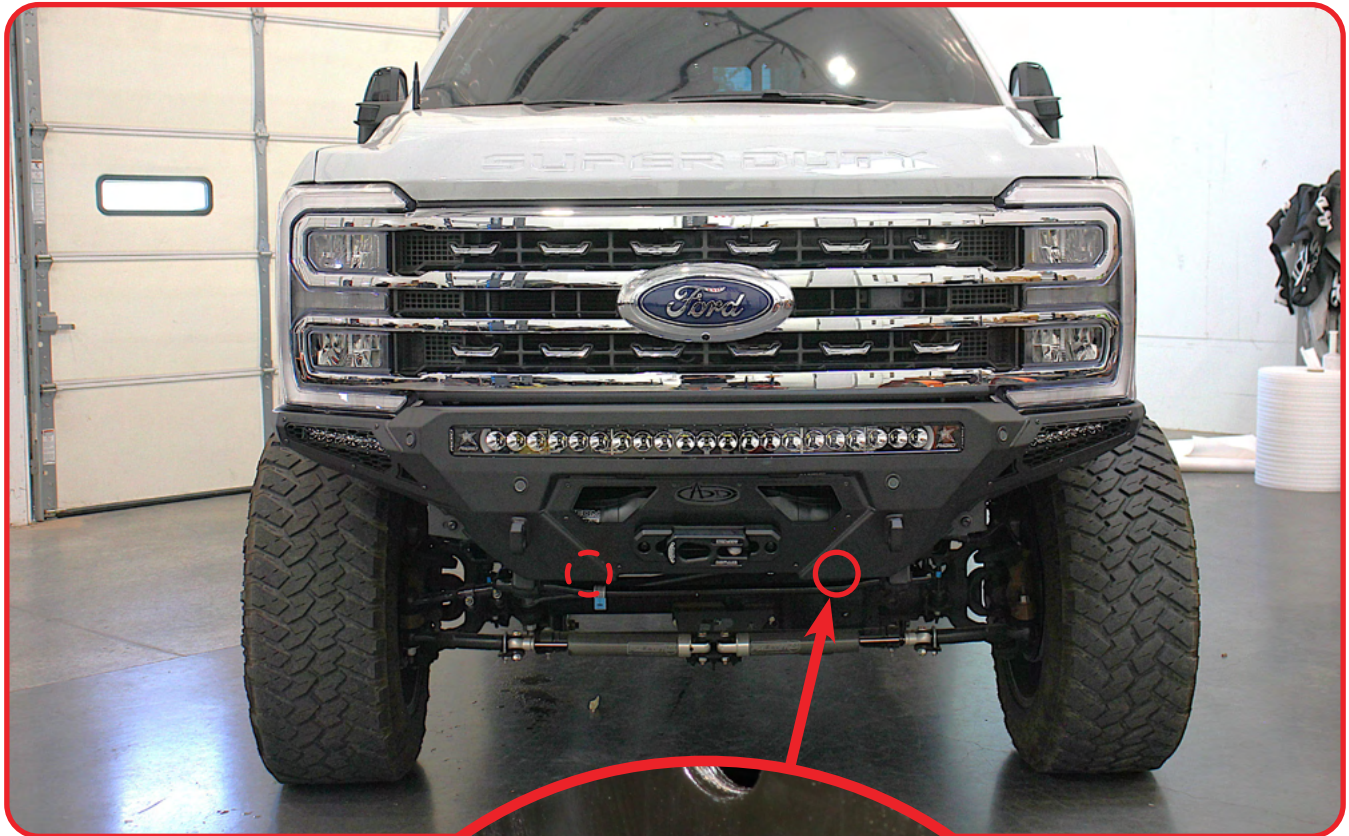
□ STEP 34

Using a (5/16 Allen) along with supplied hardware (B2,B3,B4) secure the lower outer mounting point as shown below.



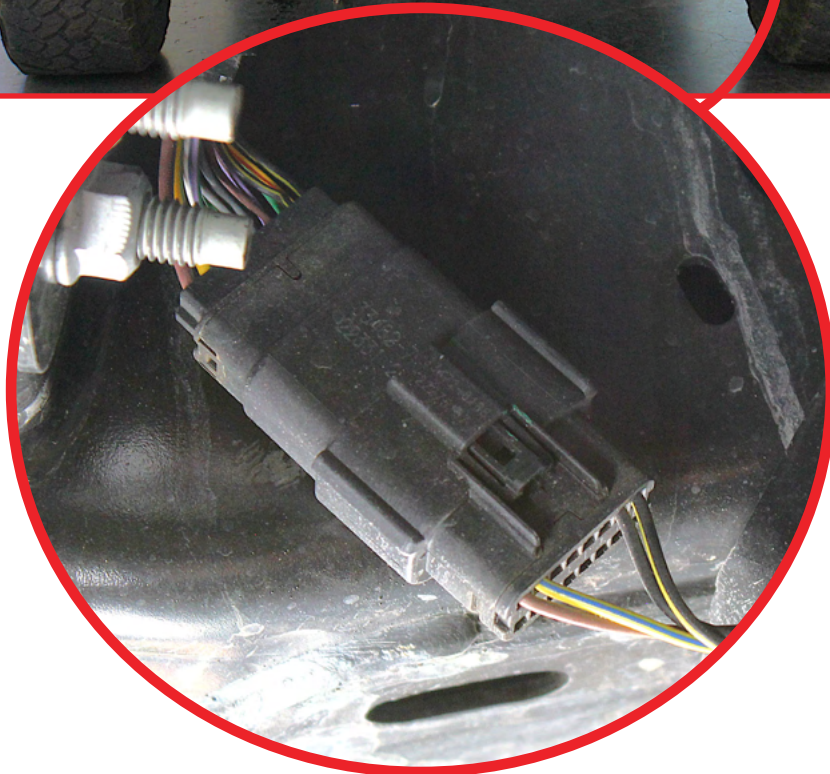
□ STEP 35

Using a (7/32 Allen) along with the supplied hardware (A4, A1), install both of the lower mounting bolts to as indicated below, then proceed with aligning the bumper and tightening all mounting hardware at this time.



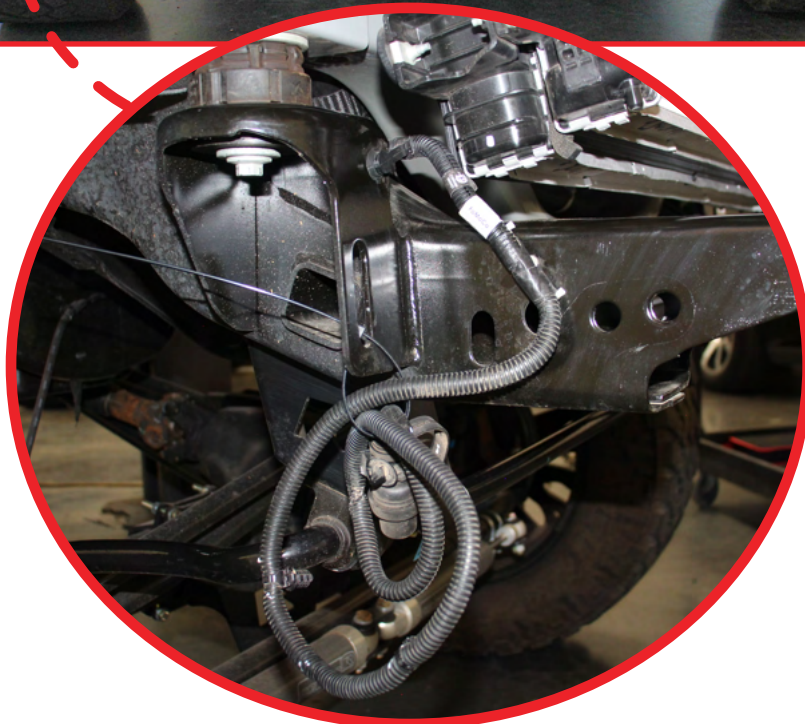
□ STEP 36

Reconnect the main bumper harness connector located to the inside of the driver side frame rail.



□ STEP 37

Re-secure the block heater harness in an accessible location near the passenger side frame rail.





INSTALLATION GUIDE

Stand back and enjoy your new ADD Stealth Fighter Front Bumper.
Check and re-tighten all mounting hardware after 100 miles and periodically thereafter.

CHECK OUT OUR FULL LINE OF PRODUCTS AT

www.addictivedesertdesigns.com

