

2021-23/GMC SIERRA 1500

BLACK LABEL FRONT BUMPER

F480300010103



TOOLS REQUIRED

- (Sockets) 7/16, 9/16, 5/8, 3/4, 7mm, 10mm, 15mm, 18mm
- (Box end wrenches) 7/16, 9/16, 5/8, 3/4, 7mm, 10mm, 15mm, 18mm
- (Allen wrenches) 5/32, 7/32
- (Torx) T15
- (Drill Bit) 3/8"
- Fastener remover or flathead screwdriver
- Zip ties
- Ratchet
- 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

- | | |
|-------------------------------------|--|
| (16) 3/8-16 X 1" Hex Head Bolt | (6) 1/4-20" Hex Nut |
| (34) 3/8" Flat Washer | (8) 1/4-20" Flat Washer |
| (18) 3/8-16" Nylon Lock Nut | (2) 1/4-20 X 3" Hex Head Fully Threaded bolt |
| (4) 1/4-20 X 3/4" Button Head Bolt | (2) 2" Rubber Tubing |
| (4) 1/4" Flat Washer | (4) 1/2-13 X 1 1/2" Hex Head Bolt |
| (4) 1/4-20" Nylon Lock Nut | (8) 1/2" Flat Washer |
| (2) 3/8-16 X 1" Carriage Bolt Black | (4) 1/2-13" Nylon Lock Nut |
| (4) 3/4" Sensor Plugs | (2) Shutter Motor Stopper Brackets |

⚠️ 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.

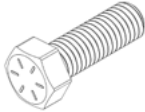
We recommend that the factory shop manual and any special tools needed to service your vehicle be on hand during the installation. Installation of this kit without proper knowledge of the factory recommended procedures may affect the performance of these components and the safety of the vehicle.

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.

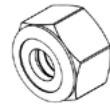
3/8-16 X 1" HEX HEAD

QTY: 16

A1.

3/8" FLAT WASHER

QTY: 34

A2.

3/8-16" NYLON LOCK NUT

QTY: 18

B.

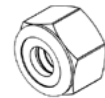
1/4-20 X 3/4" BUTTON HEAD

QTY: 4

B1.

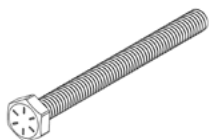
1/4" FLAT WASHER

QTY: 12

B2.

1/4-20" NYLON LOCK NUT

QTY: 4

C.

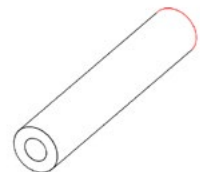
1/4-20 X 3" HEX HEAD FULLY THREADED

QTY: 2

C1.

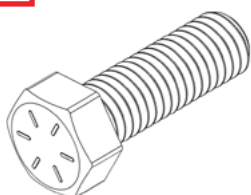
1/4-20" HEX NUT

QTY: 6

C2.

2" SECTION OF RUBBER TUBING

QTY: 2

D.

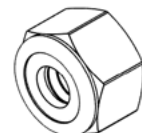
1/2-13 X 1 1/2 HEX HEAD BOLT

QTY: 4

D1.

1/2" FLAT WASHER

QTY: 8

D2.

1/2-13" NYLON LOCK NUT

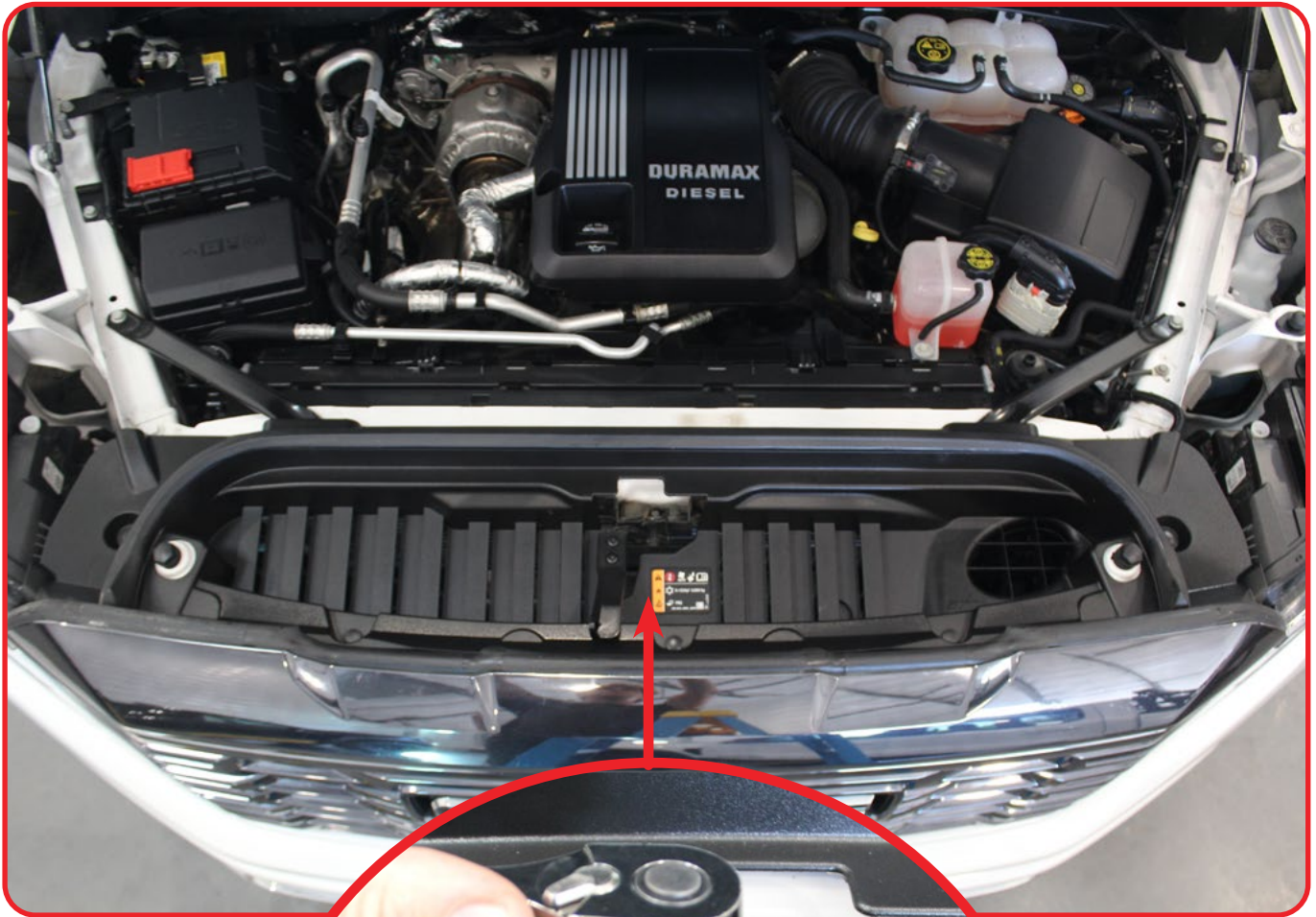
QTY: 4

BLACK LABEL FRONT BUMPER 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 1

Using a (T15 torx), remove the hood handle as shown below. **(Keep hardware)**

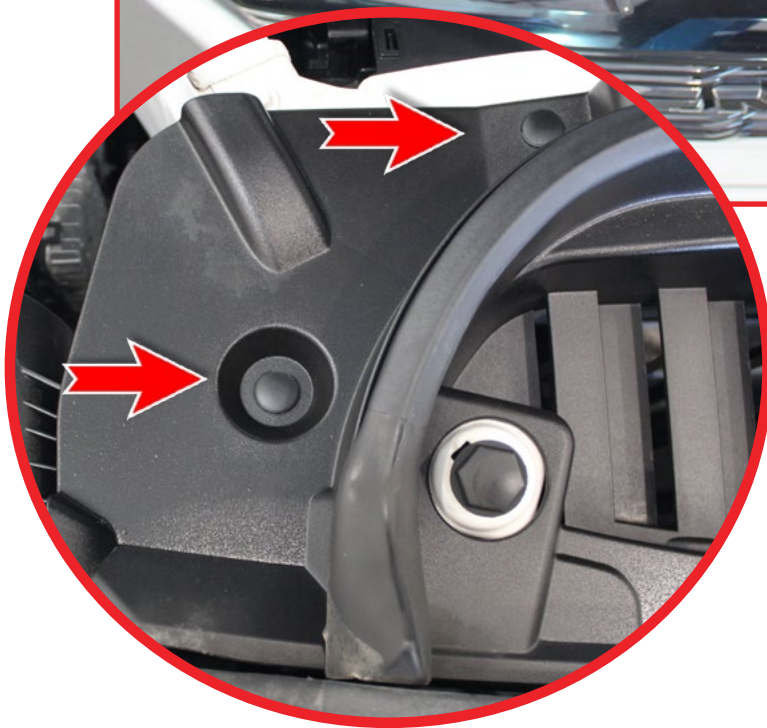
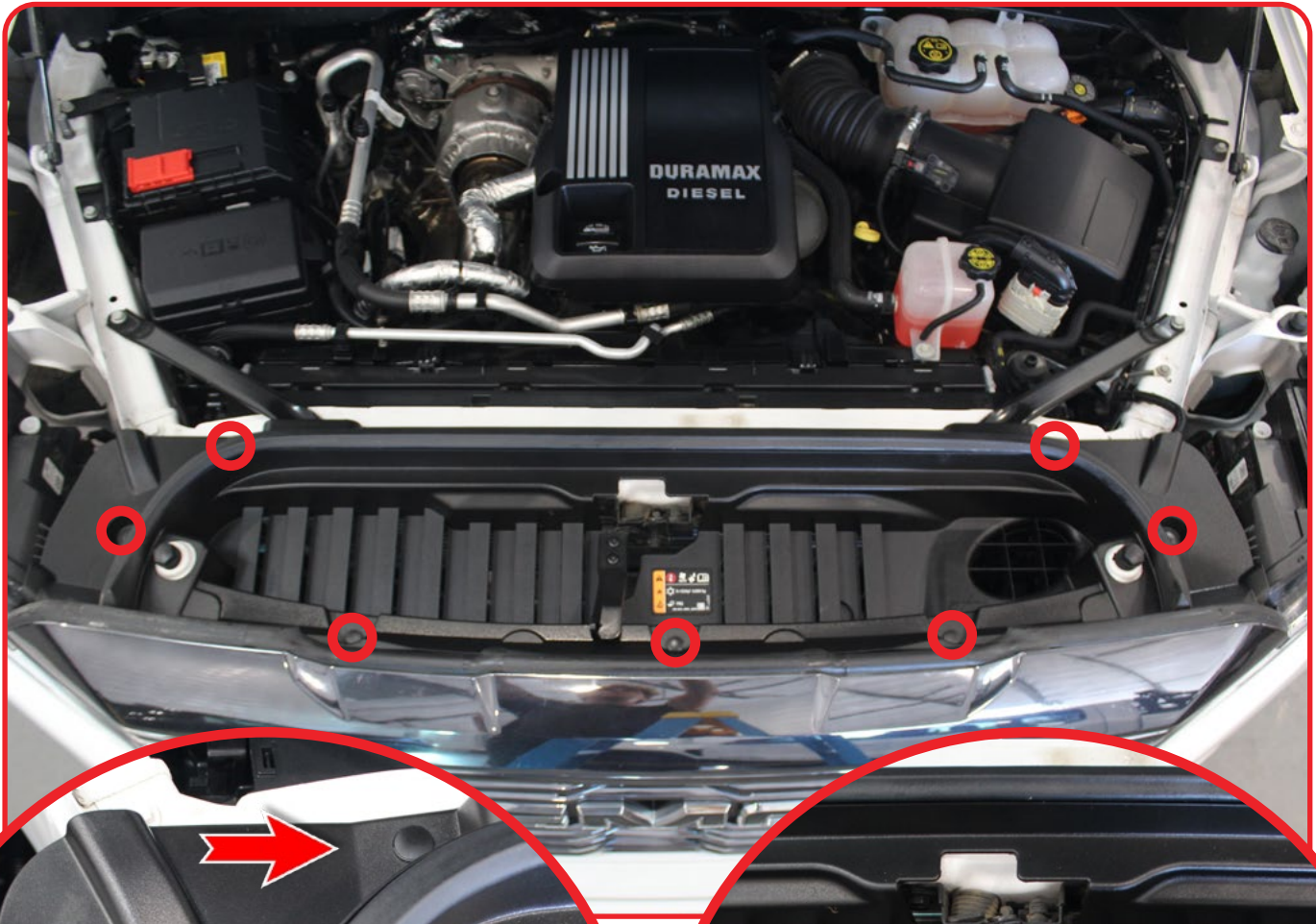


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REMOVAL

□ STEP 2

Using a (fastener remover), remove the push pins as shown below. (Keep hardware)

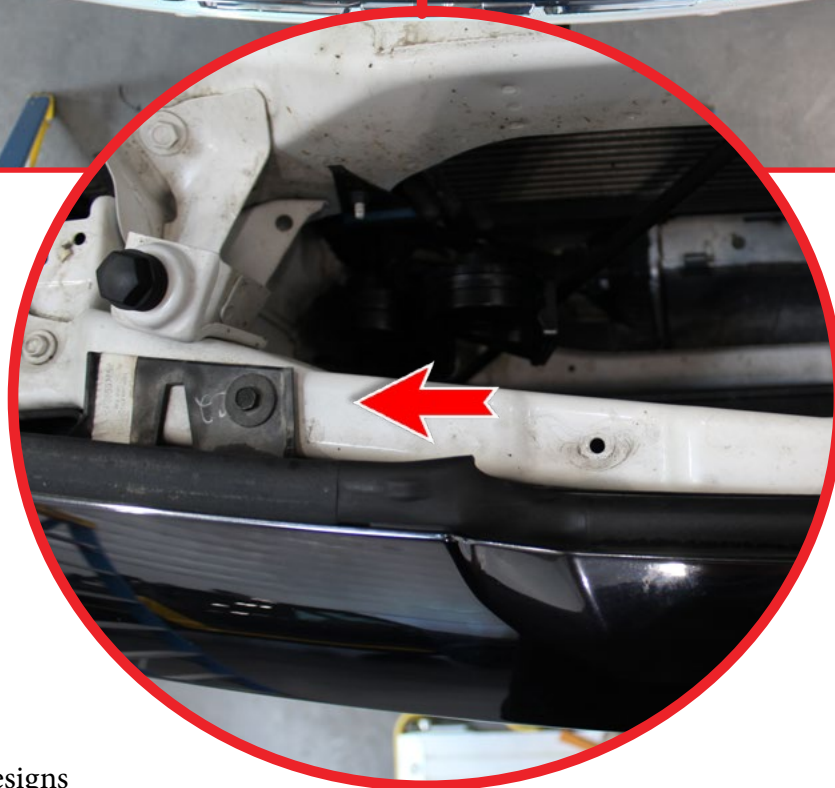
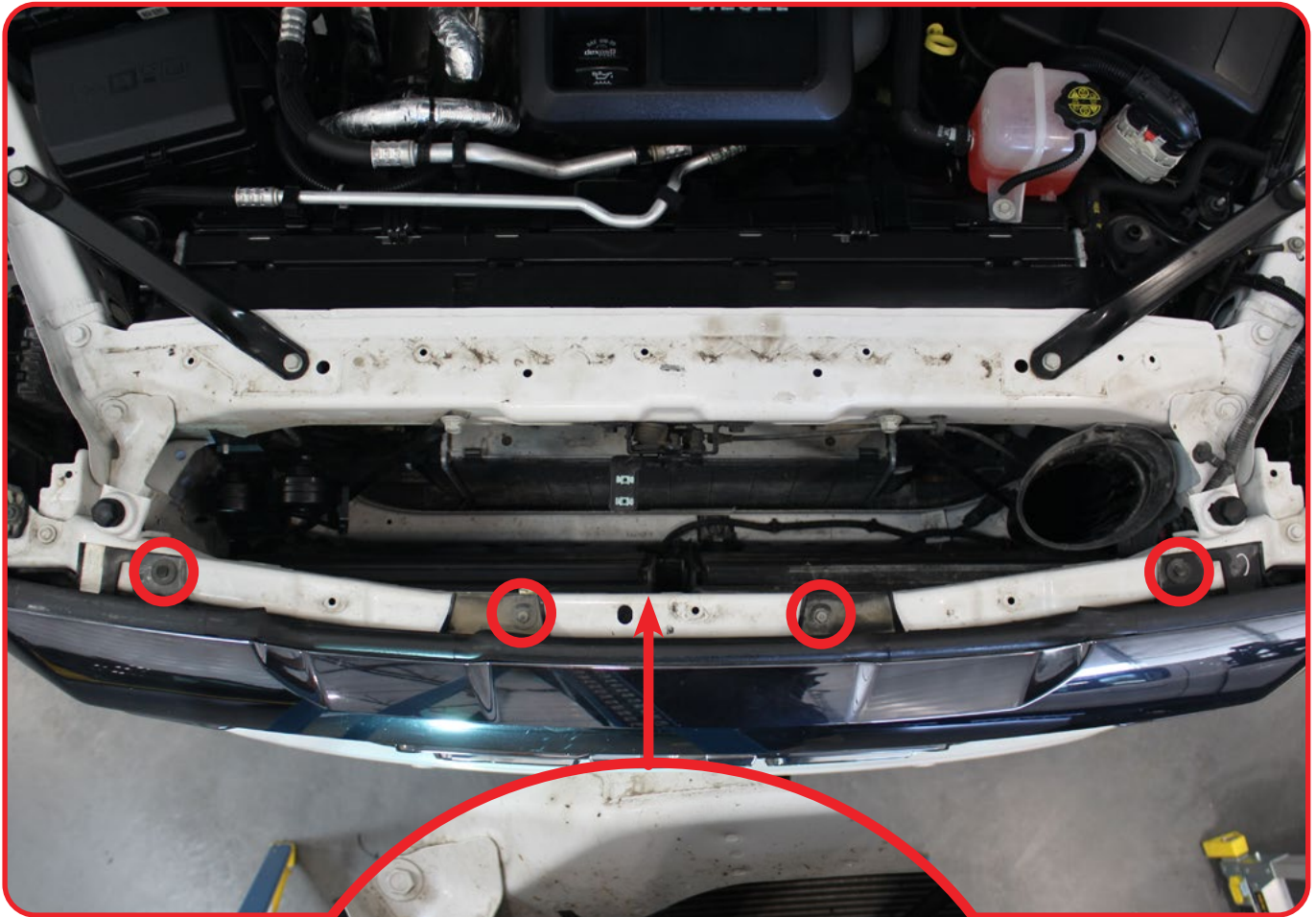


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REMOVAL

□ STEP 3

Using a (10mm socket), remove the 4x bolts holding the grill. (Keep hardware)

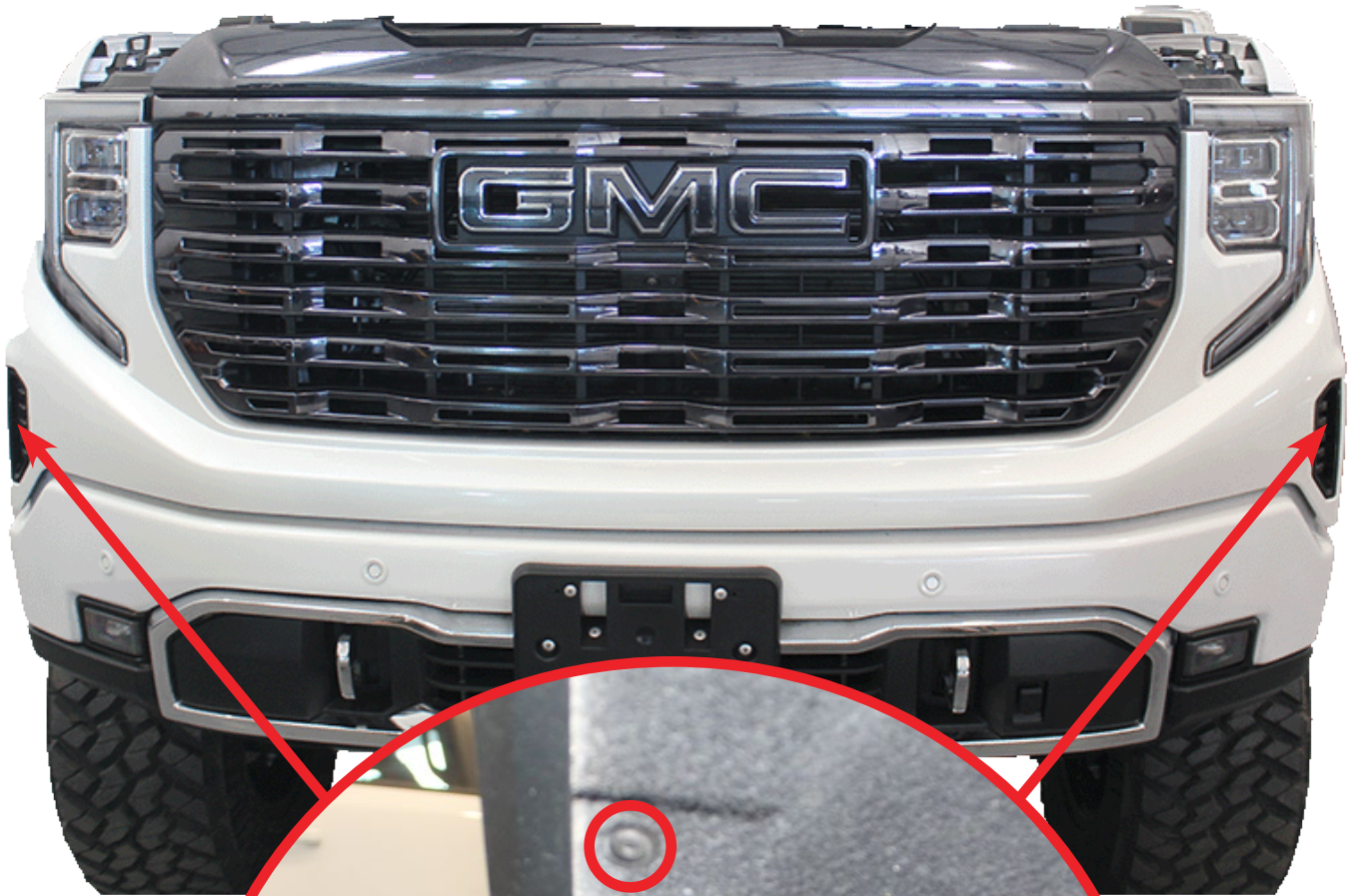


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REMOVAL

□ STEP 4

Using a (T15 torx), remove the 2x bolts located inside the wheel well as shown below. (Keep hardware)



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REMOVAL

□ STEP 5

Remove the fender flairs partially to expose the bolt shown below and using a (7mm socket), remove the 2x OEM bolts located on each side. **(Keep hardware)**

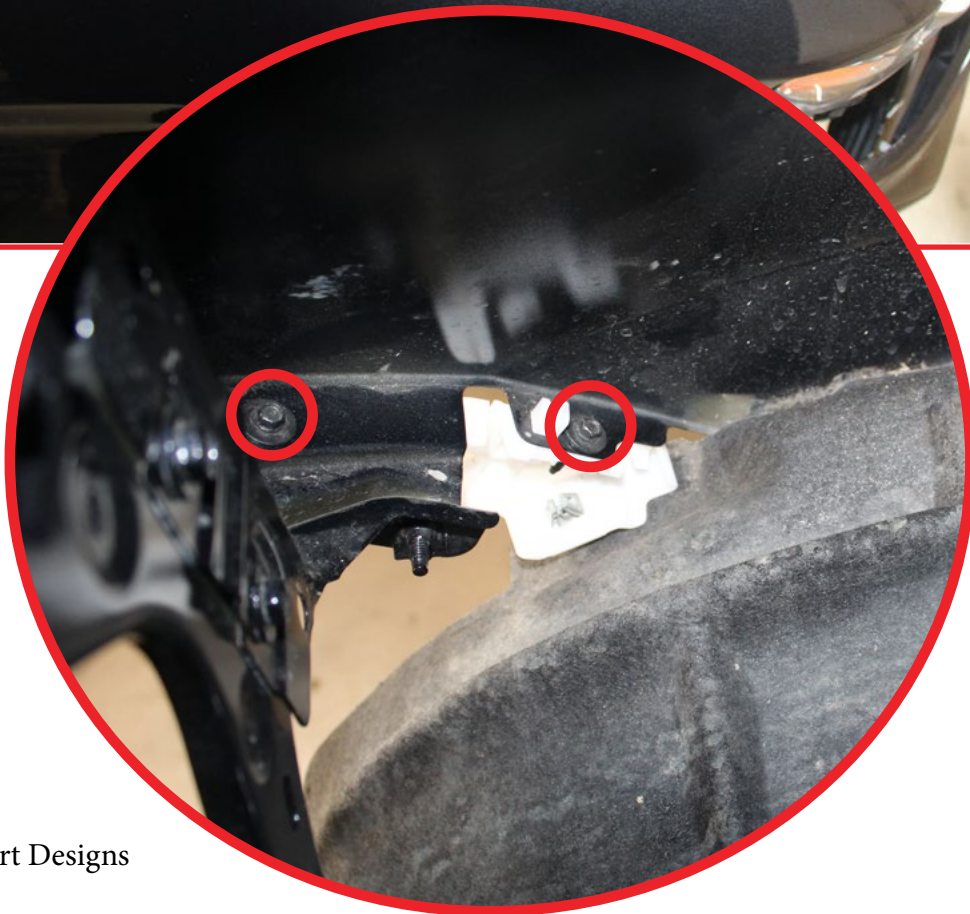
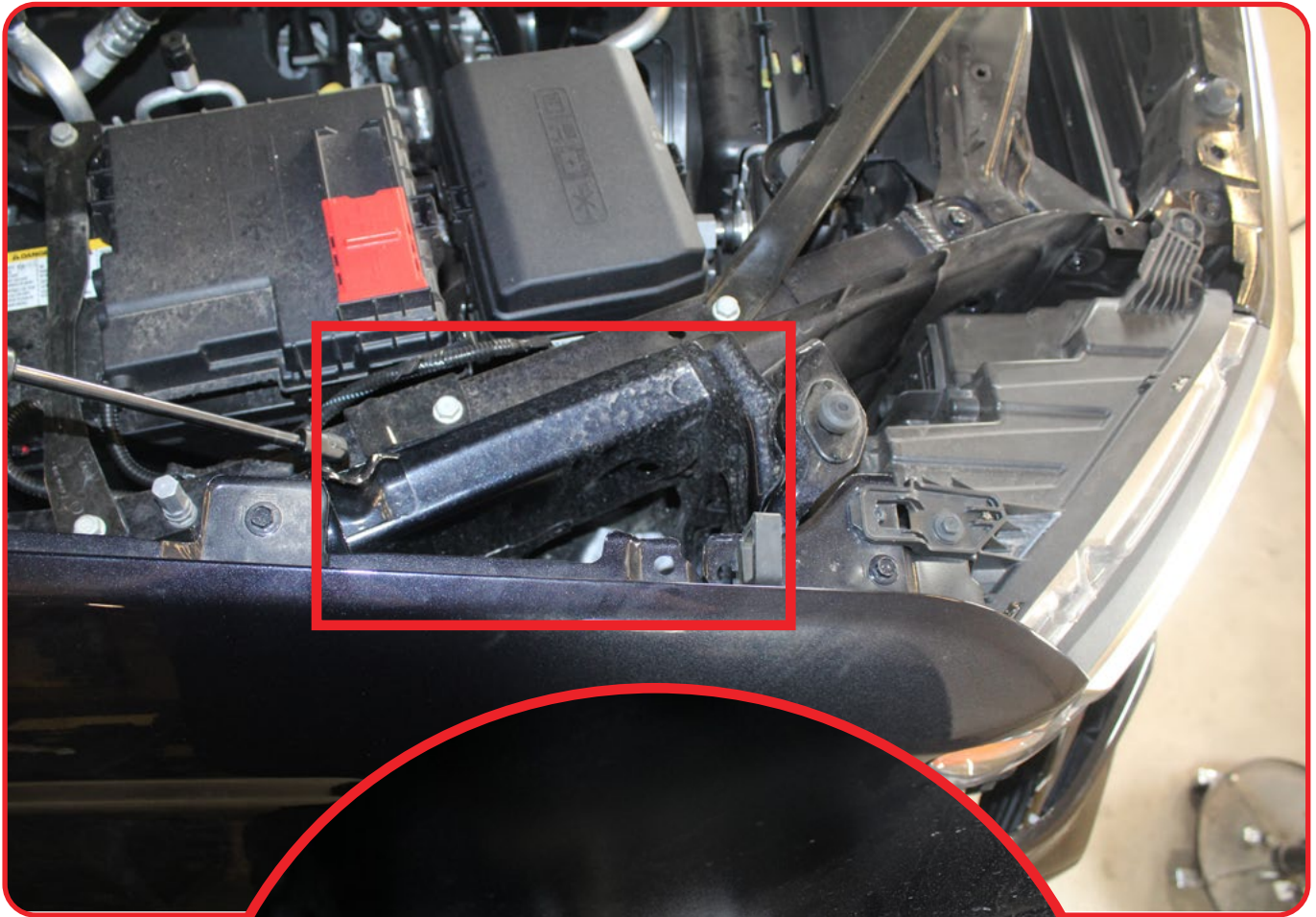


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REMOVAL

□ STEP 6

Using a (7mm socket), locate and loosen the OEM bolts inside the wheel well as shown below.



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REMOVAL

□ STEP 7

Remove the valence by pulling outward. Next, unplug the blind spot sensors (if equipped) located on each side of the valence.

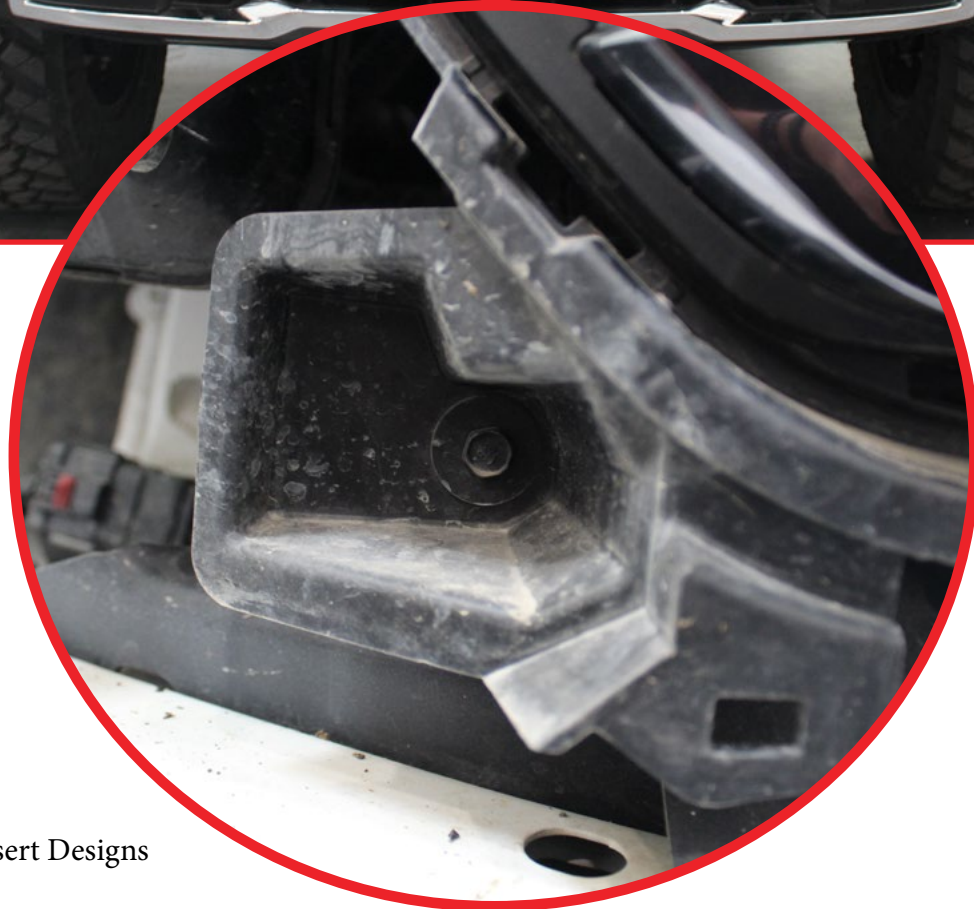


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REMOVAL

□ STEP 8

Using a (10mm socket), remove the OEM bolts located on the bottom of the grill. **(Keep hardware)**

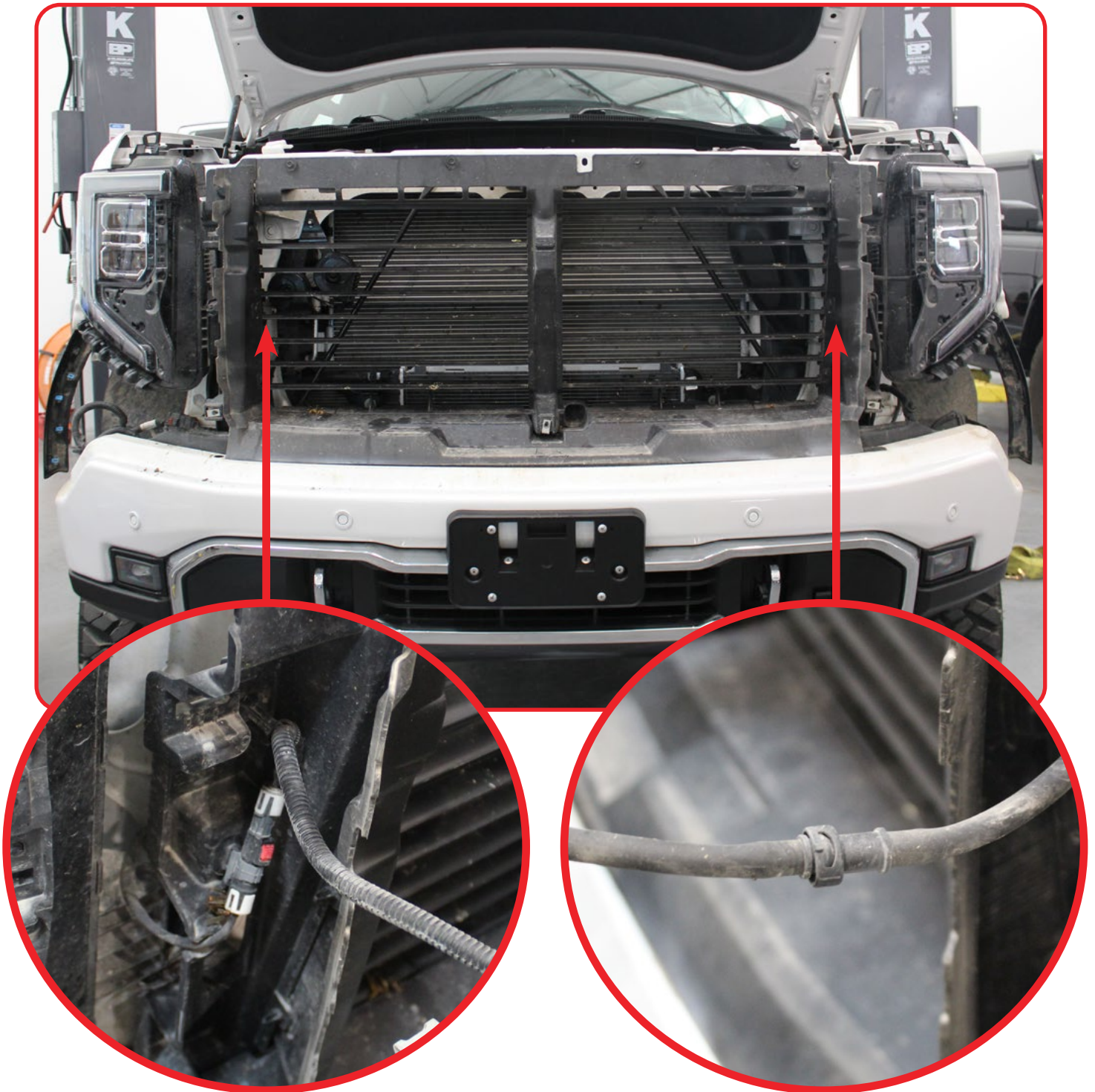


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REMOVAL

□ STEP 9

Unplug the front camera and the washer fluid line to remove the grill.

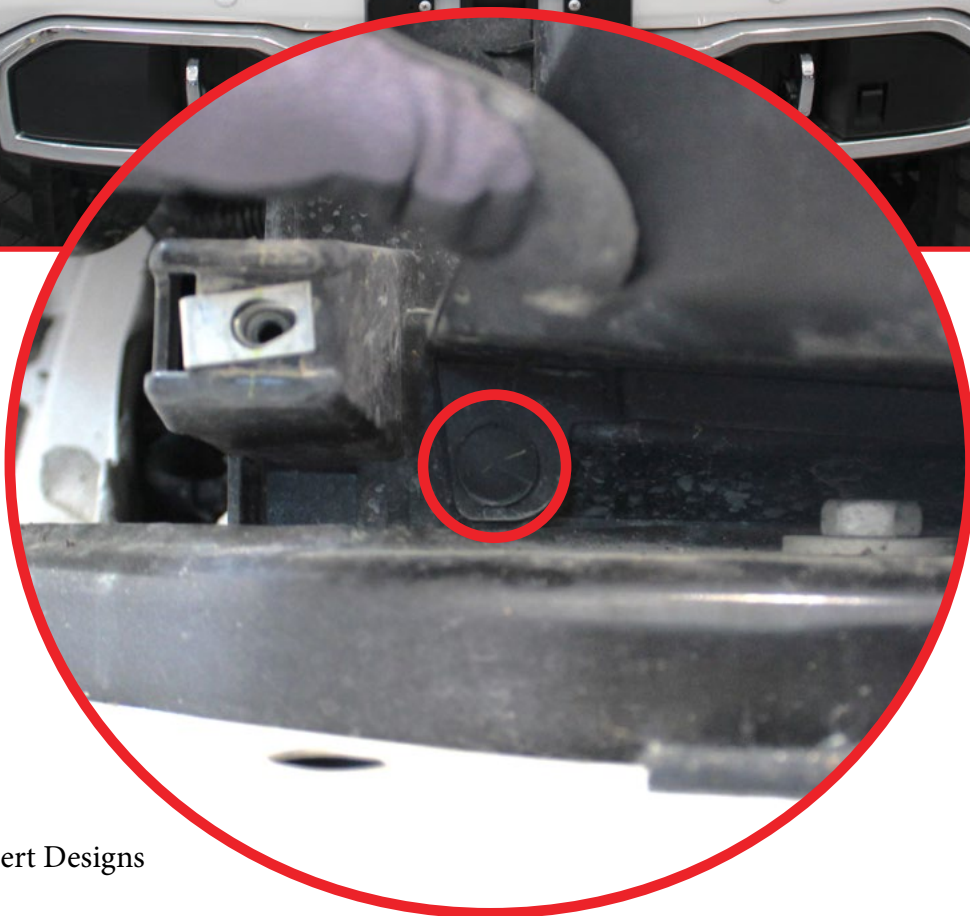
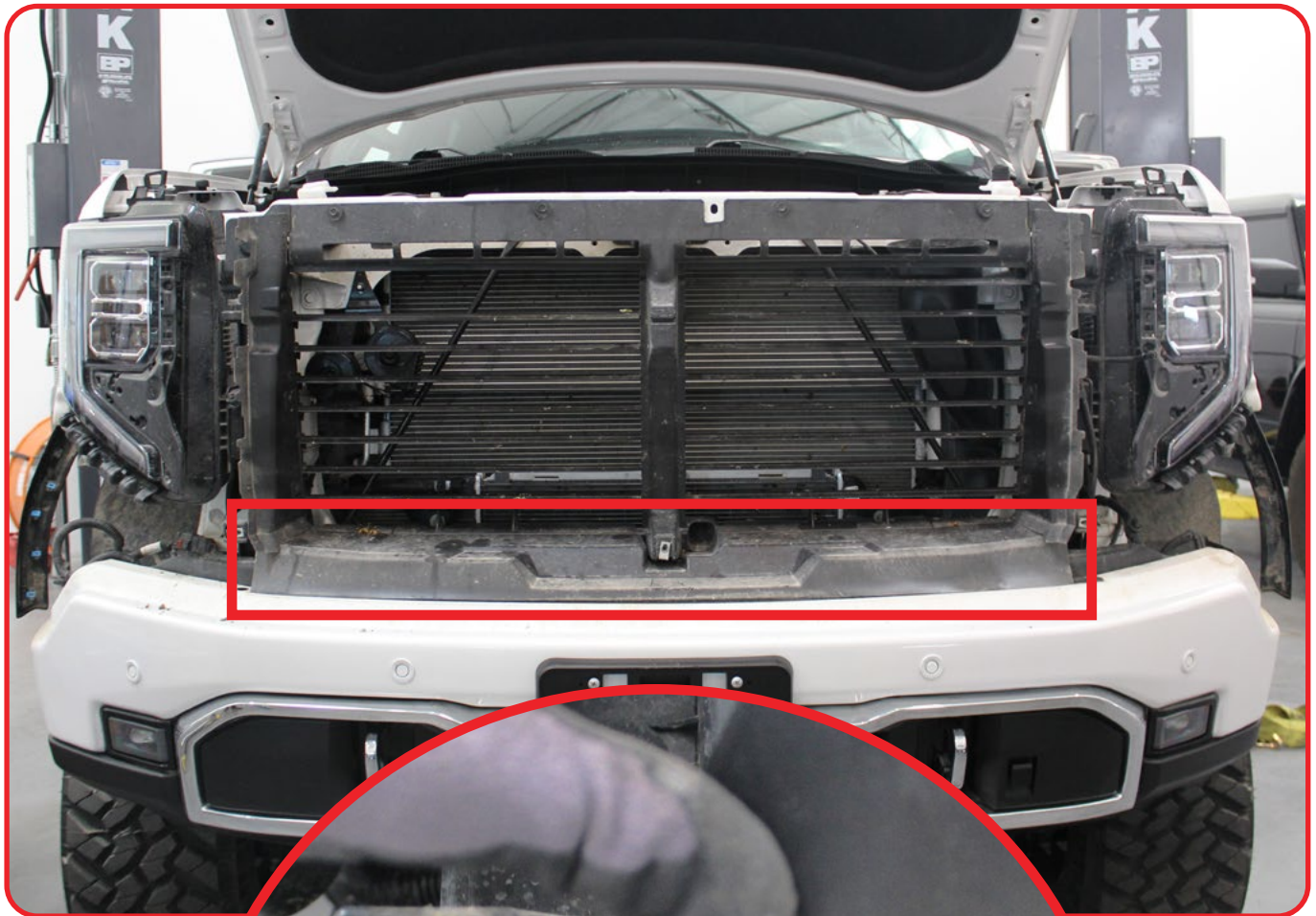


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REMOVAL

□ STEP 10

Using a (fastener remover), remove the push pins holding the plastic flashing as shown below. (Keep hardware)



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REMOVAL

□ STEP 11

Unplug the main wiring harness plug in located on the passenger side above the bumper.

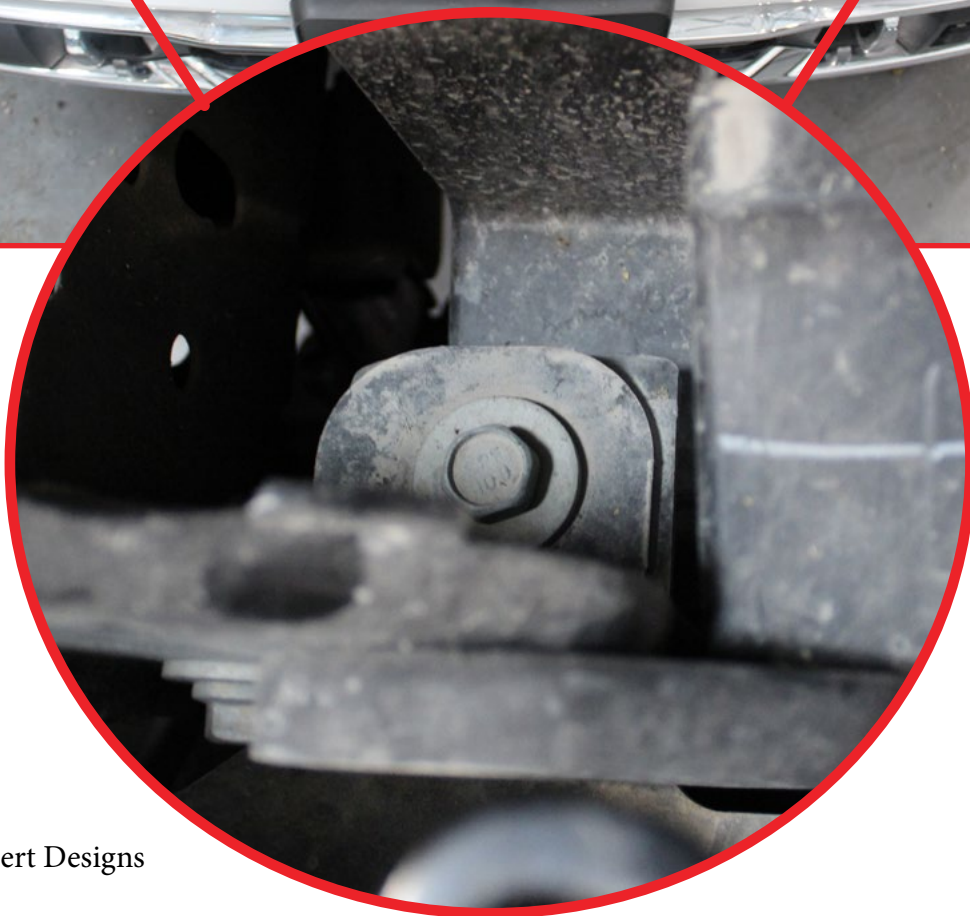
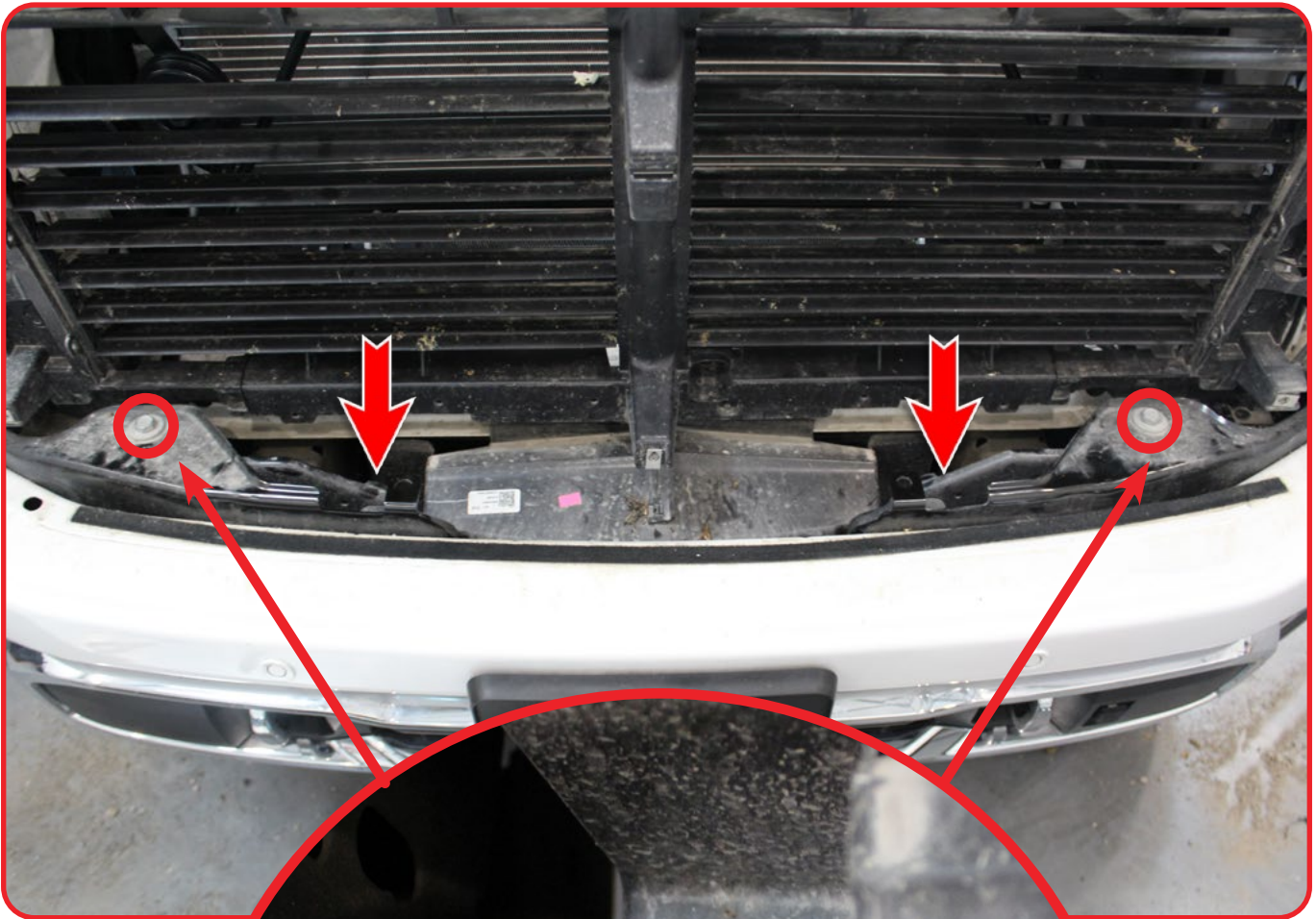


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REMOVAL

□ STEP 12

Using a (18mm socket), remove the 4x OEM bolts located on top of the bumper.



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REMOVAL

□ STEP 13

Using a (5/8 socket), remove the bumper supports located under the bumper.

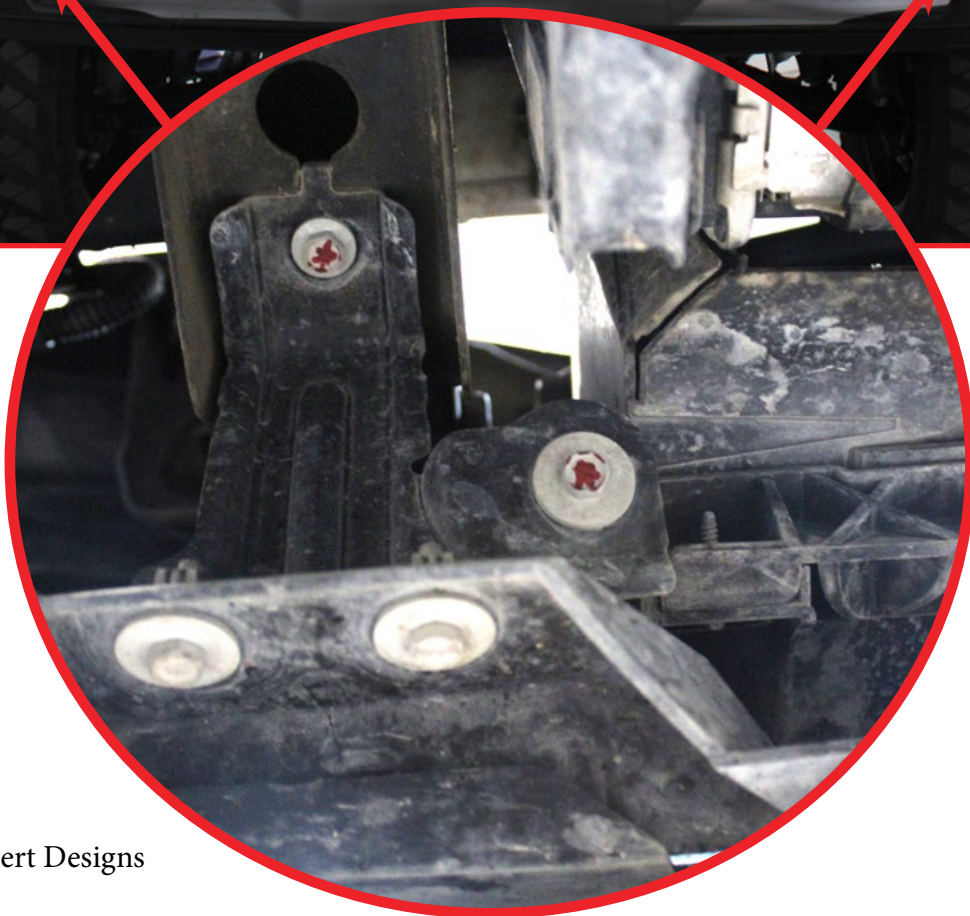


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REMOVAL

□ STEP 14

Using a (18mm Socket), remove the 4x bolts located under the bumper as shown below.

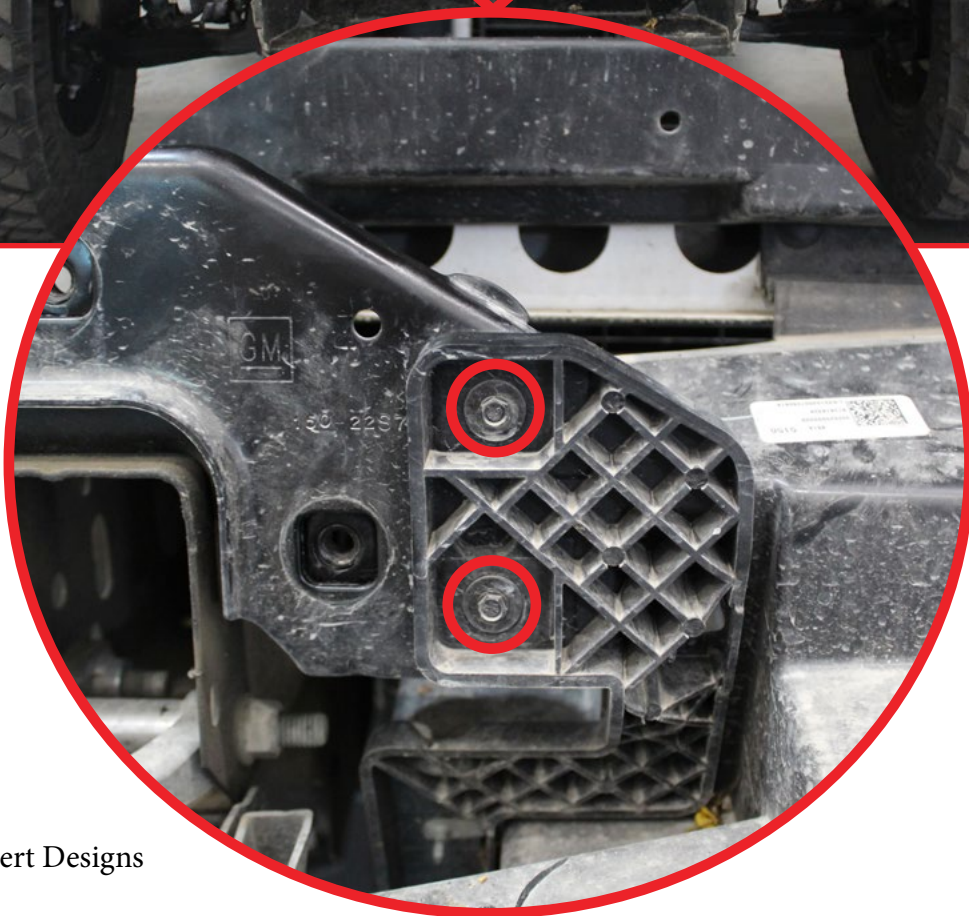
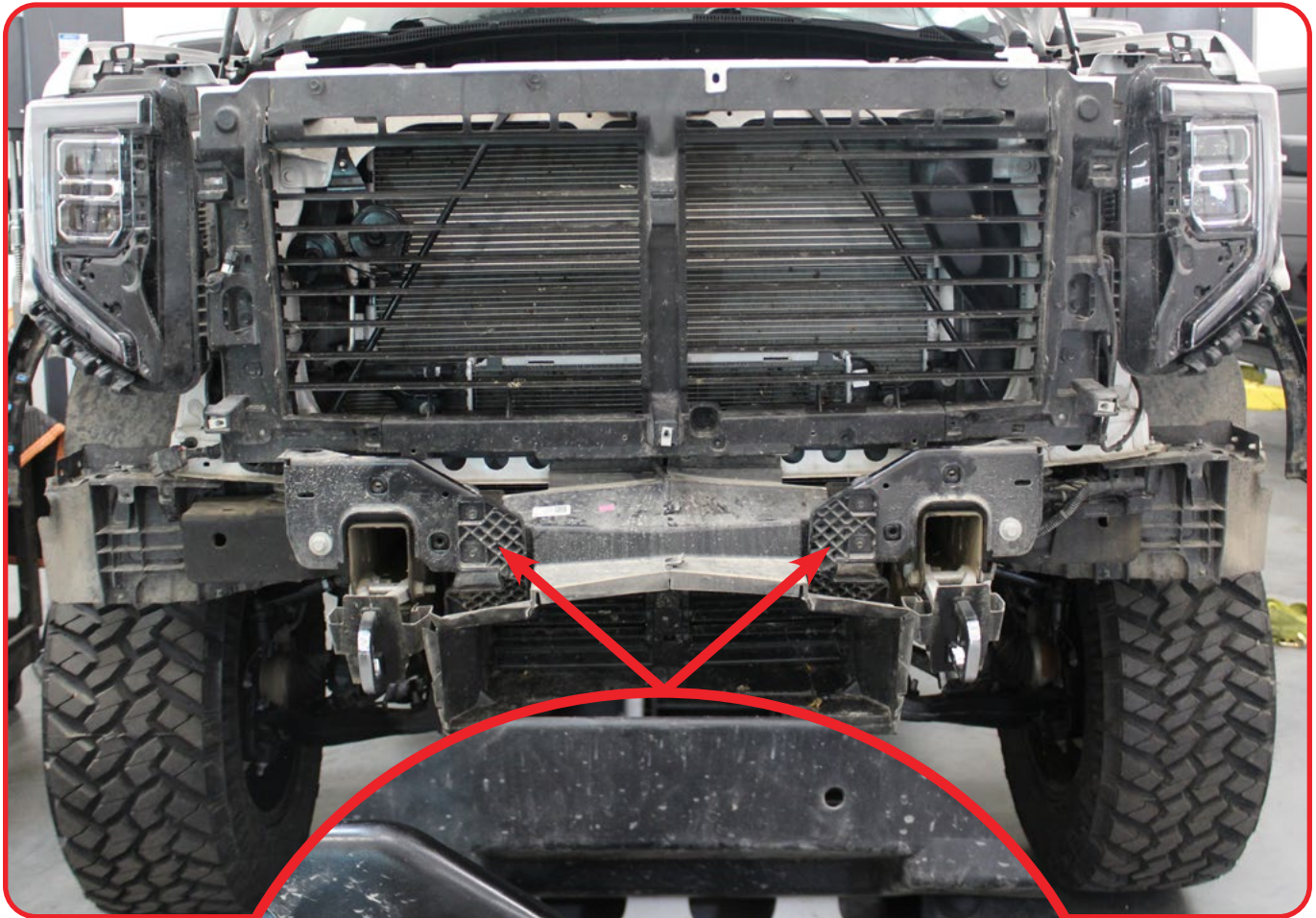


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REMOVAL

□ STEP 15

Using a (7mm socket), remove the 4x intercooler scoop mounting bolts.

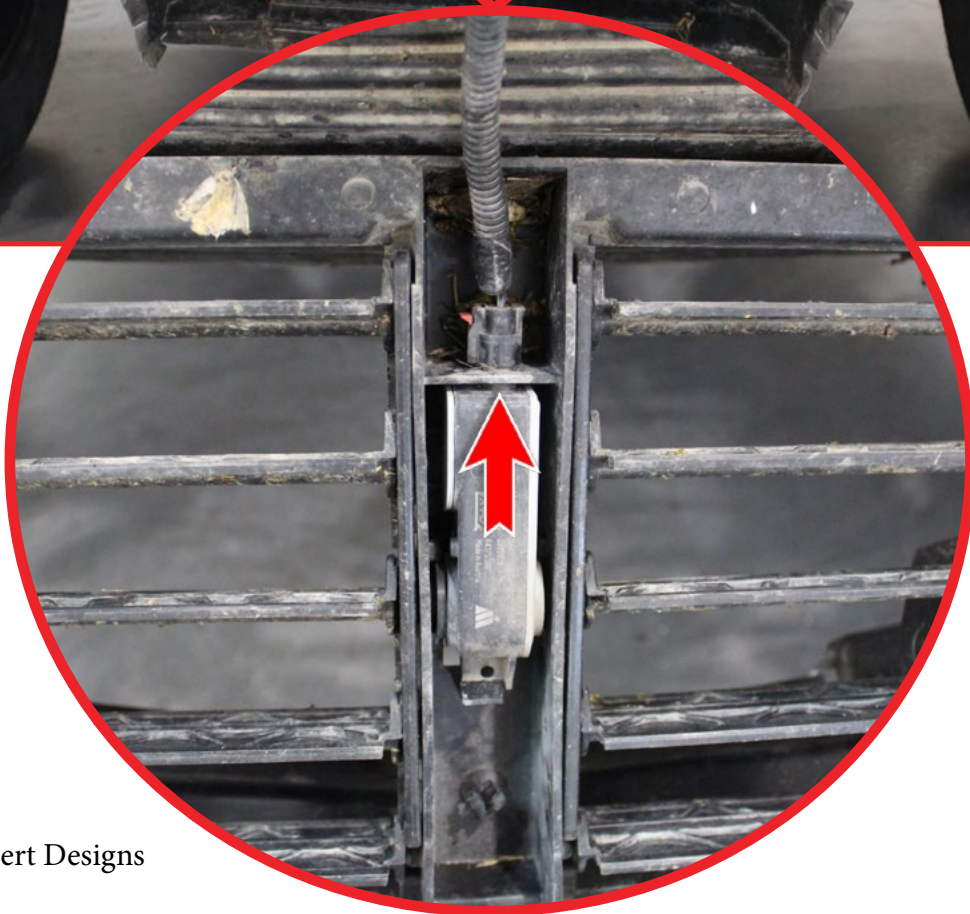


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REMOVAL

□ STEP 16

Next, unplug the shutter motor as shown below.

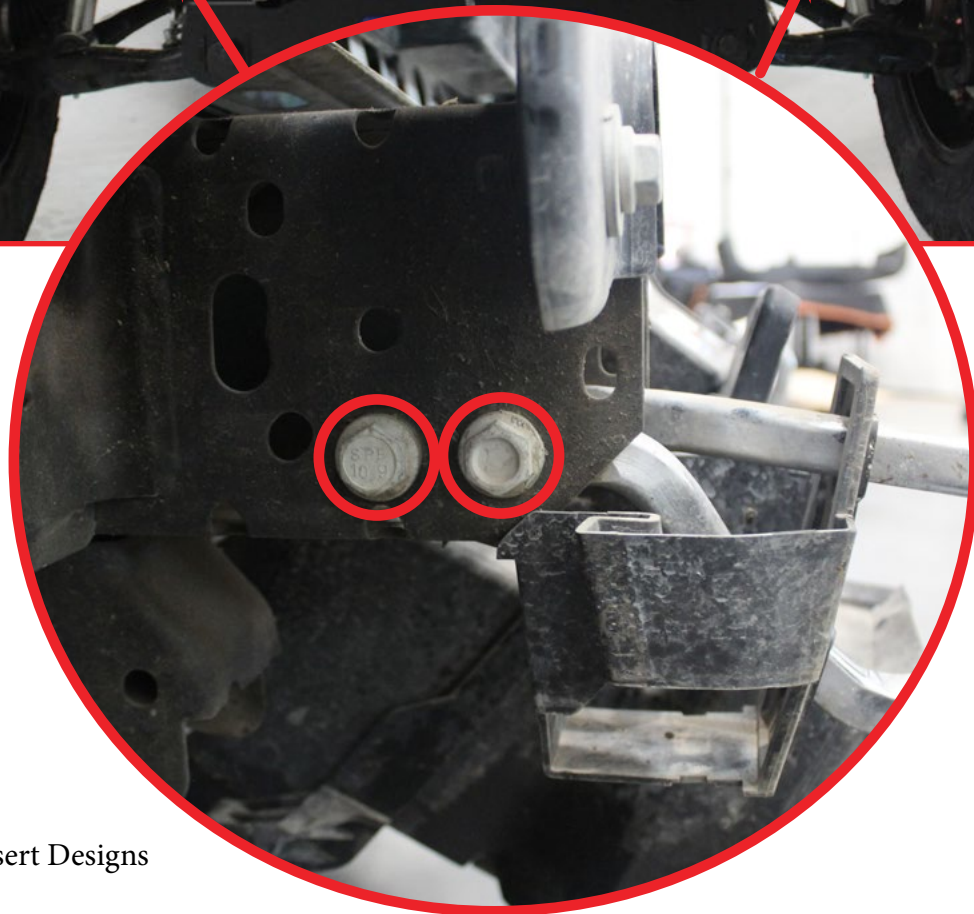
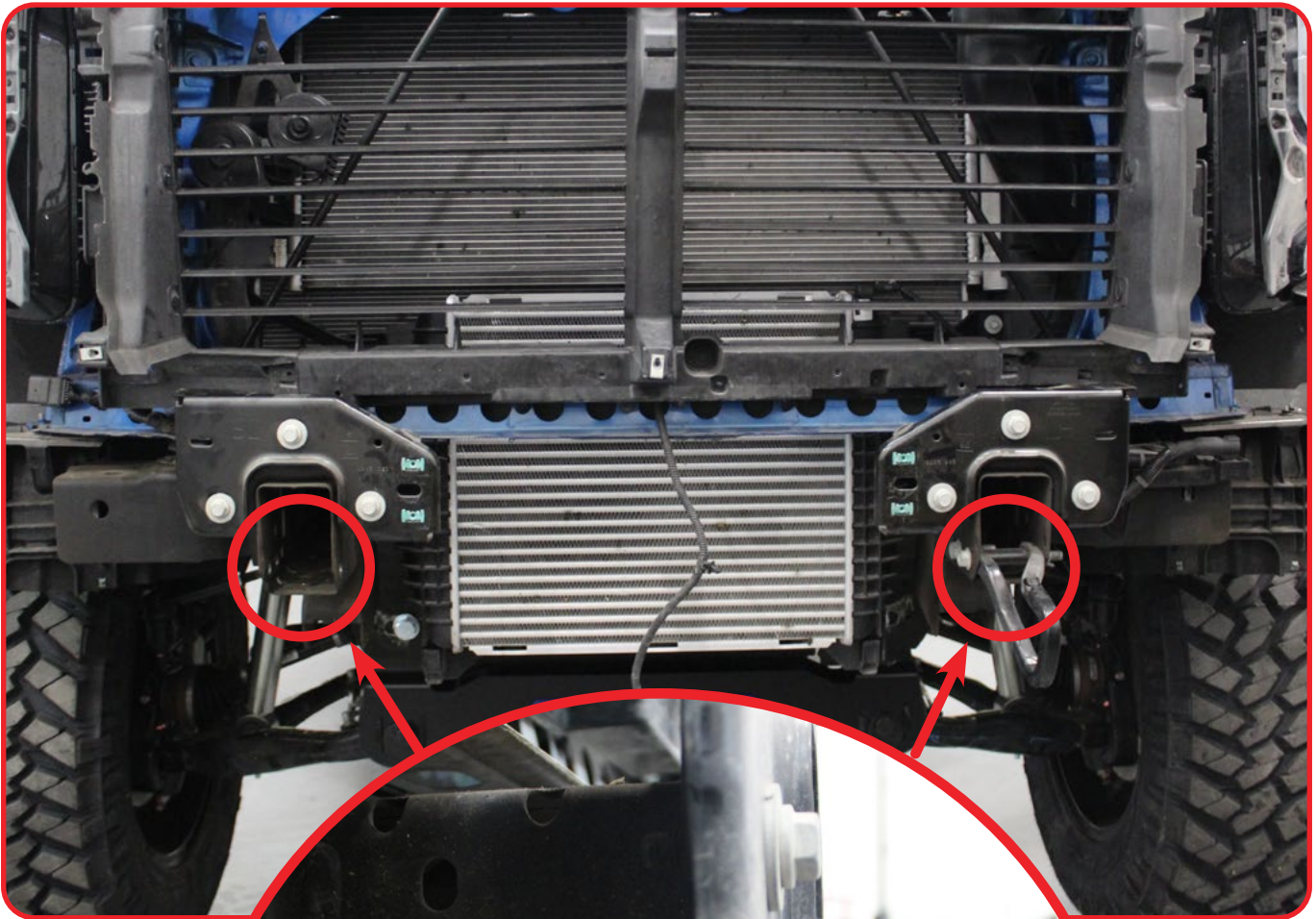


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REMOVAL

□ STEP 17

Using a (18mm socket) remove the 4x tow hook mounting bolts.

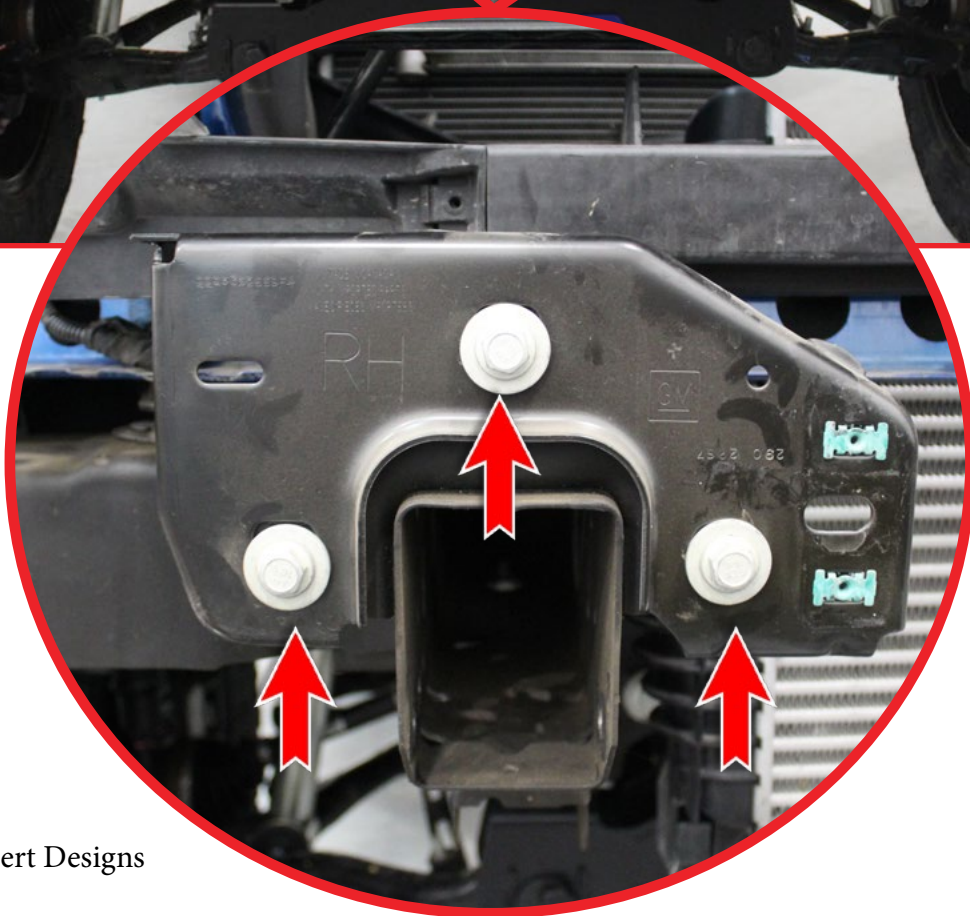
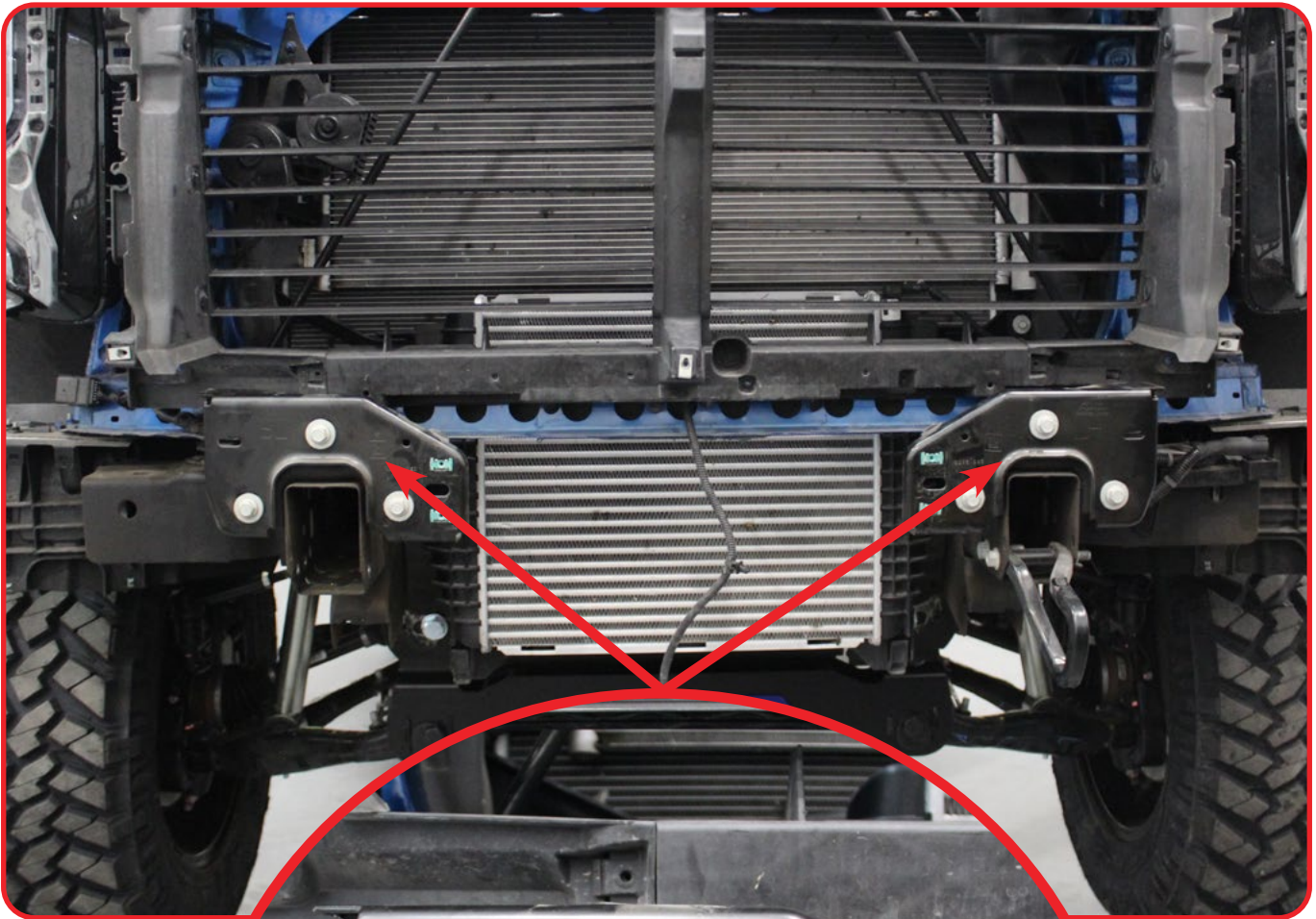


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REMOVAL

□ STEP 18

Using a (15mm socket), remove the 6x bumper mounting bracket bolts. (Re-install the grill and valence by repeating steps 1-10)

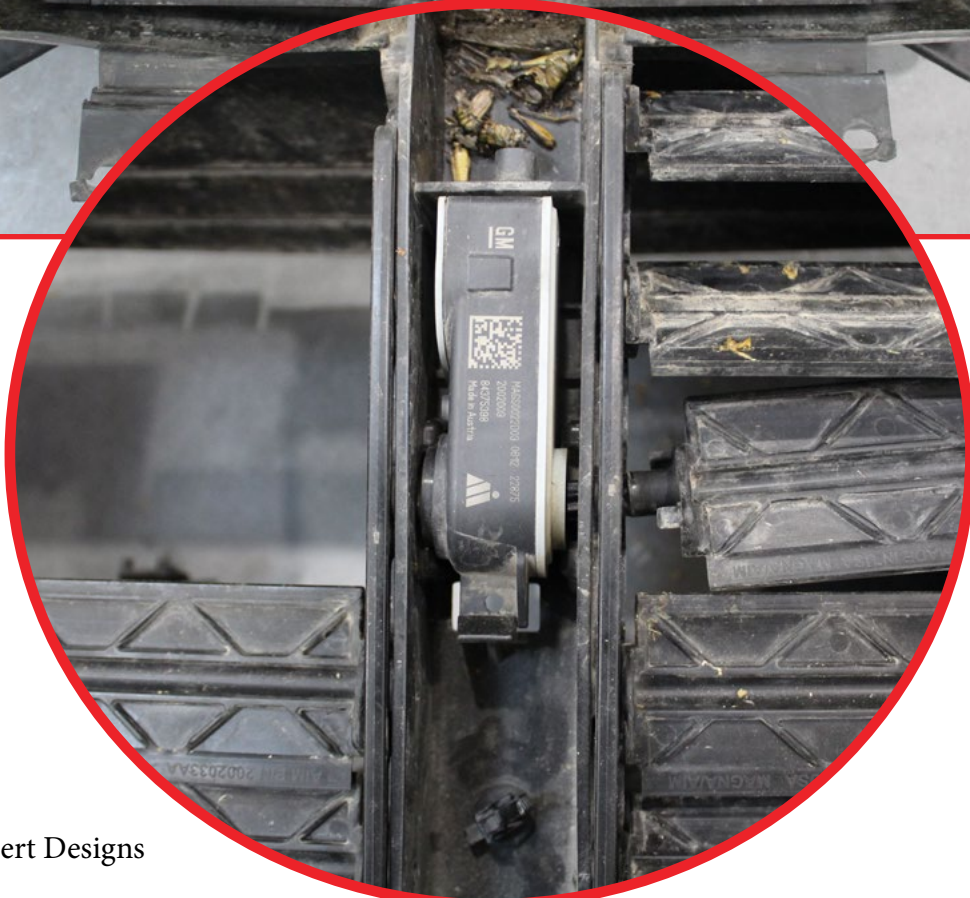
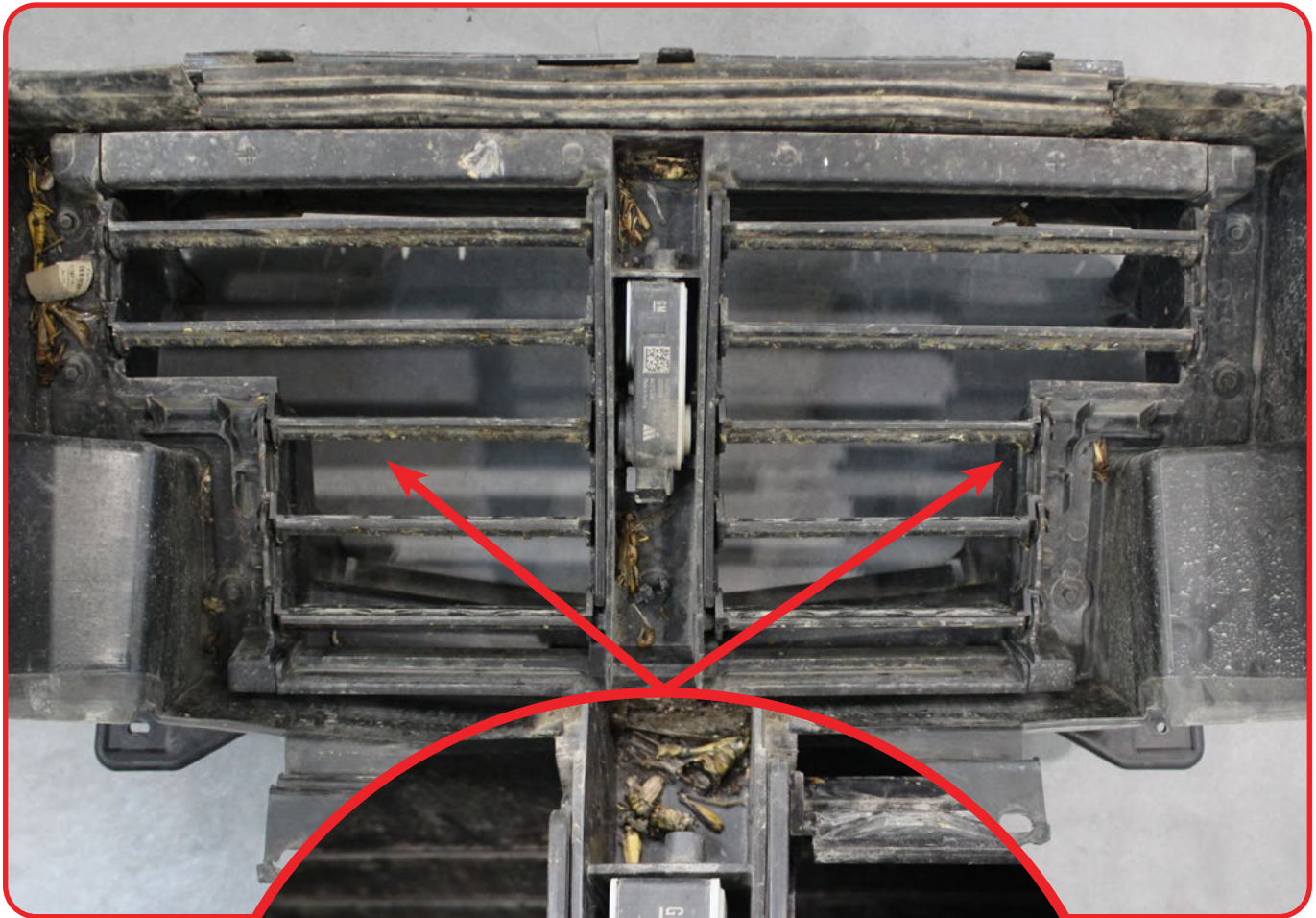


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REMOVAL

□ STEP 19

Remove the shutter motor by removing the 2x shutters located in the middle as shown below.

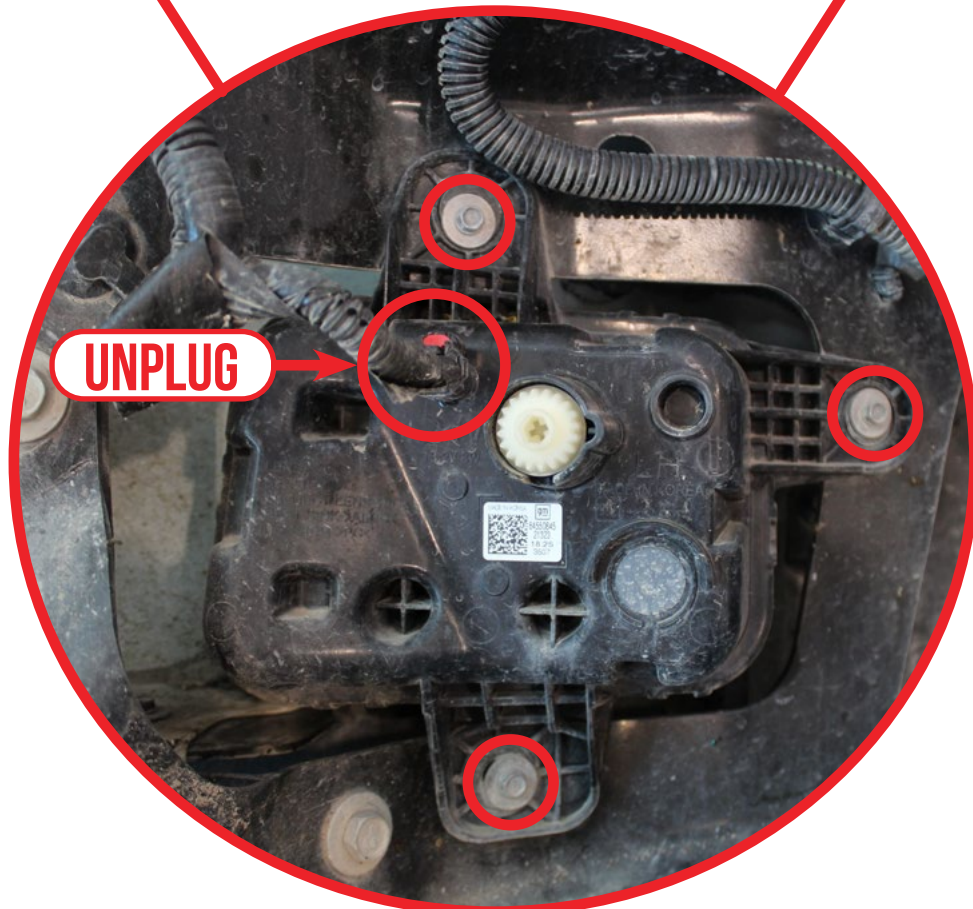
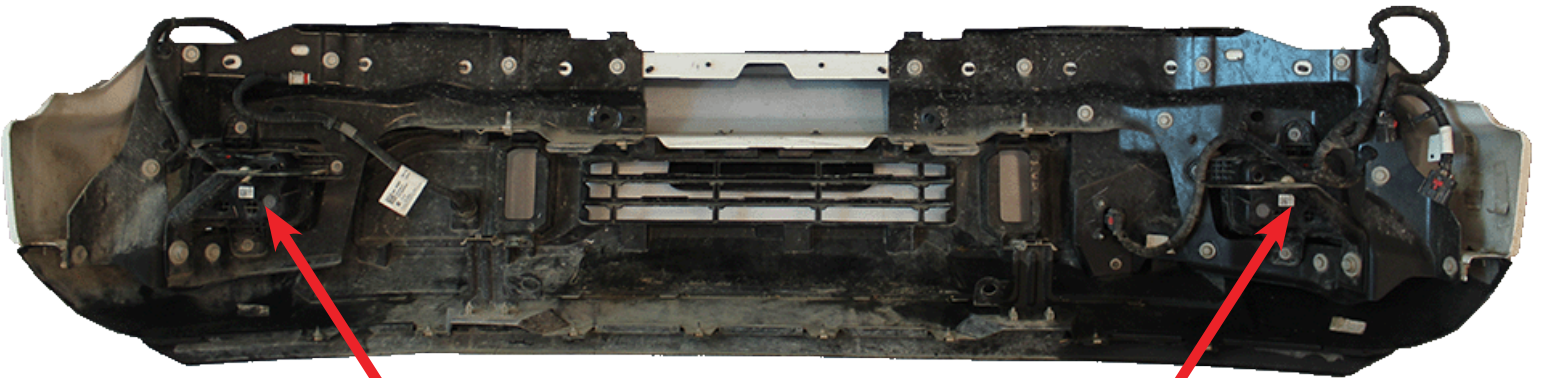


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REMOVAL

□ STEP 20

Using a (7mm socket), remove the 6x mounting bolts holding the fog lights in place. Unplug and set aside.

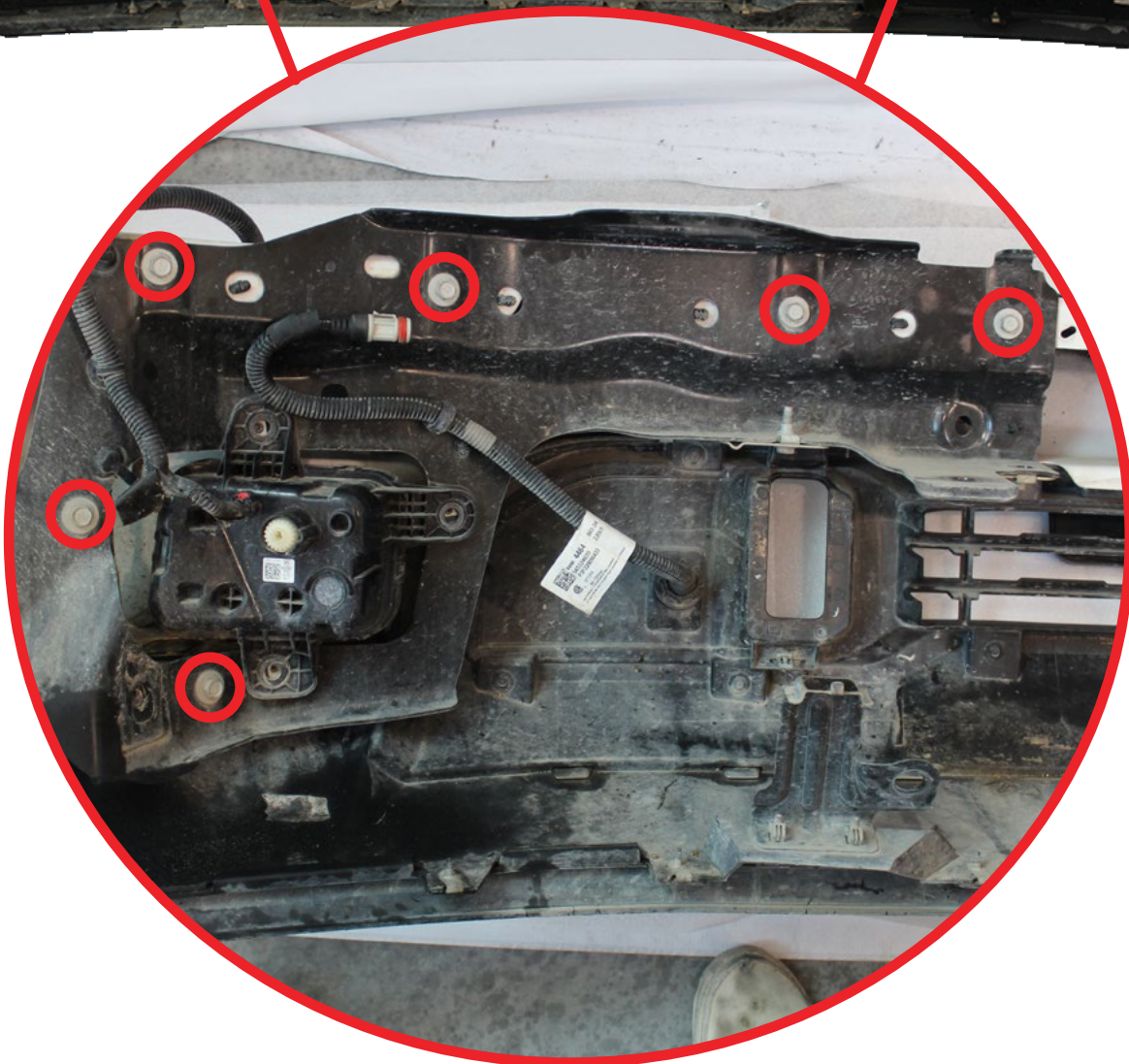
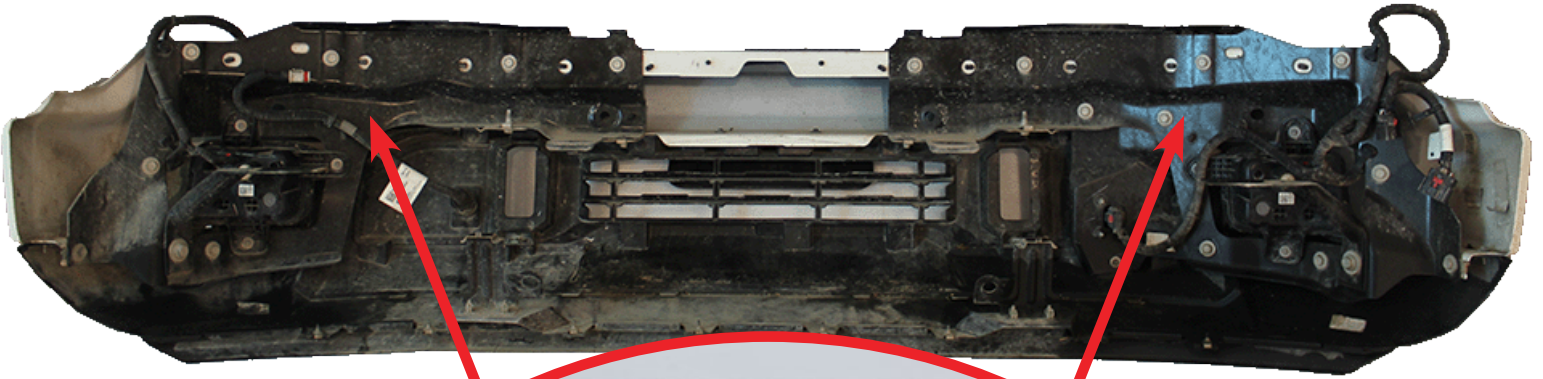


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REMOVAL

□ STEP 21

Using a (7mm socket), remove the inner mounting structure of the bumper.

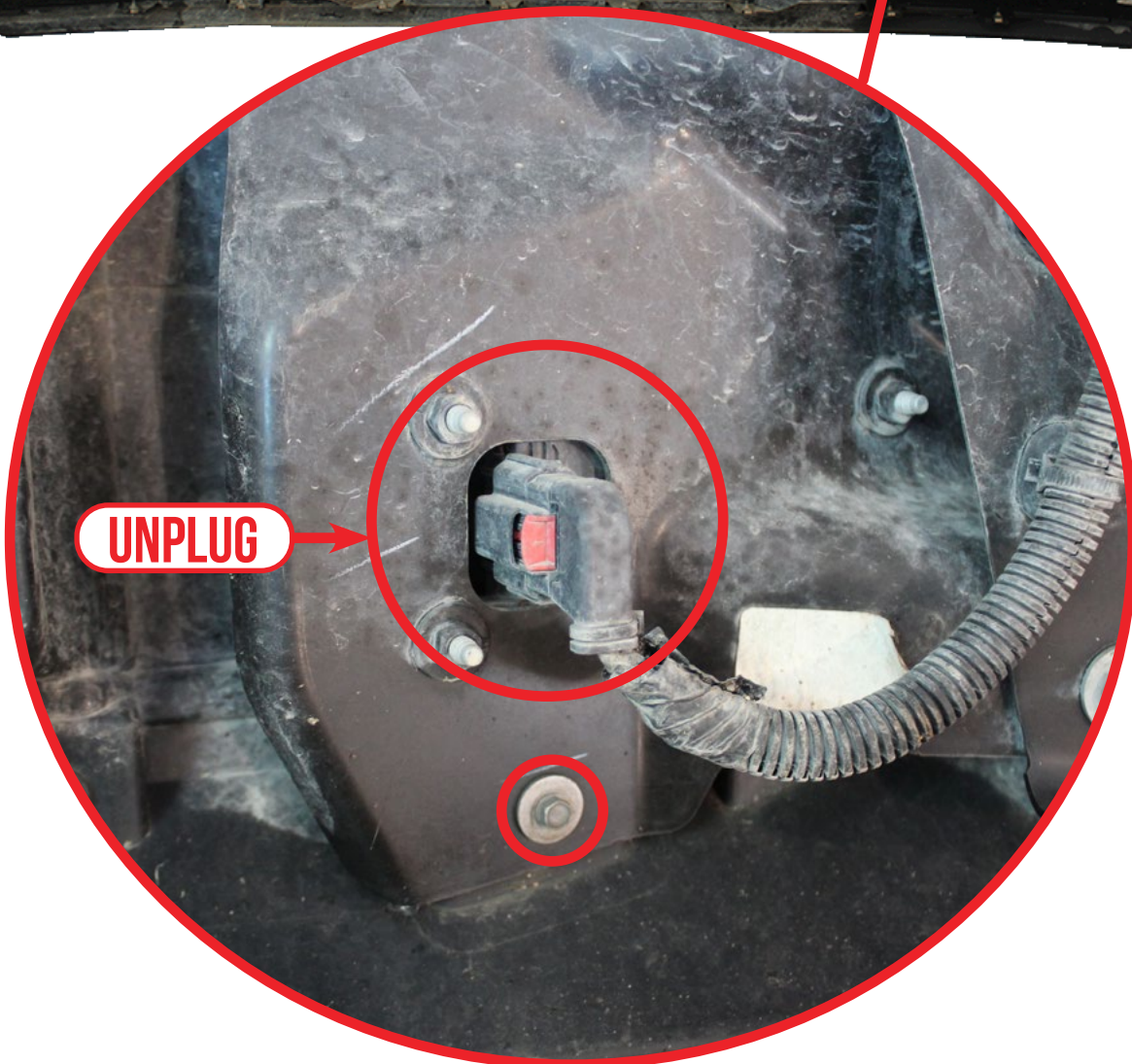
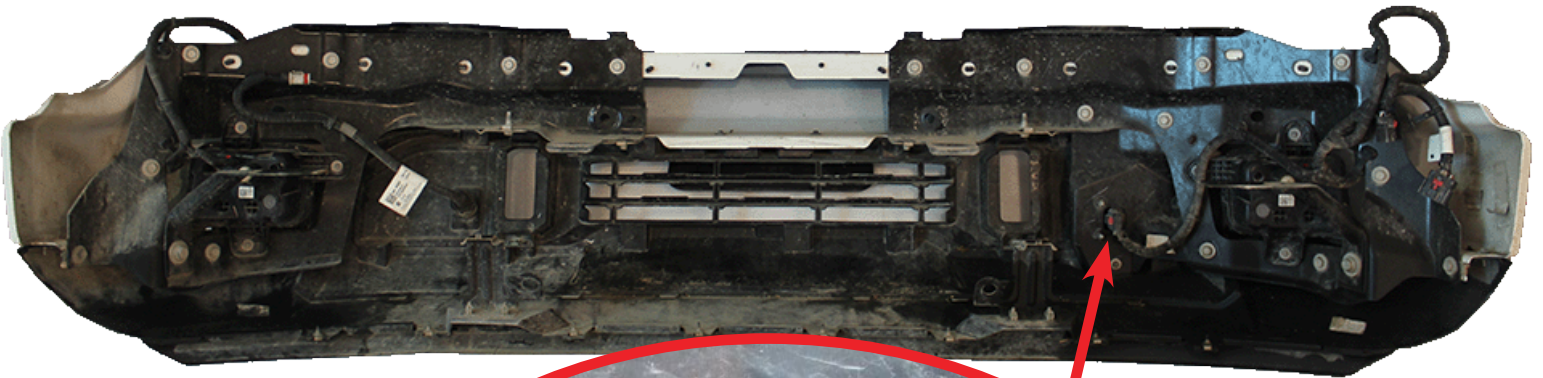


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REMOVAL

□ STEP 22

Using a (7mm socket), remove the mounting bolt holding the Adaptive Cruise Control module and unplug.

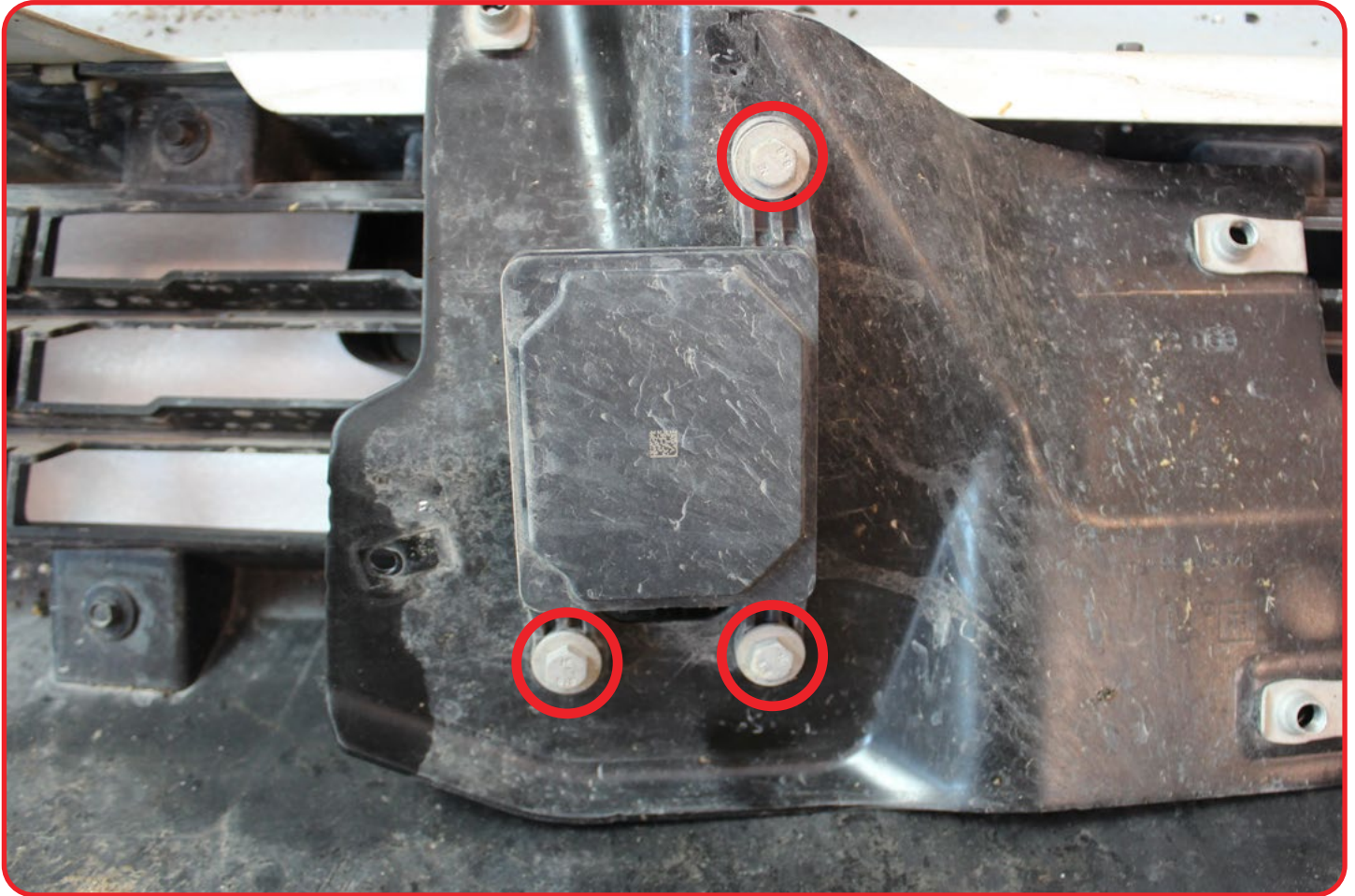


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REMOVAL

STEP 23

using a (10mm socket), remove the Adaptive Cruise Control module.



STEP 24

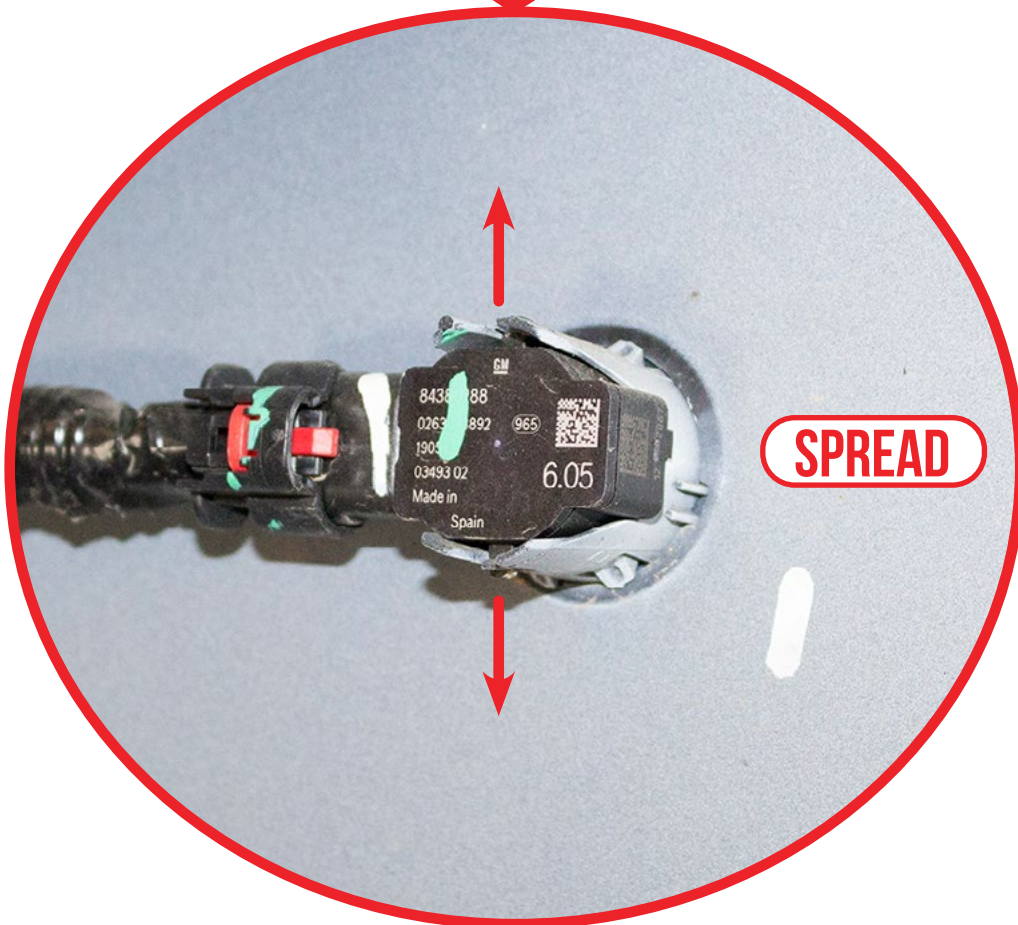
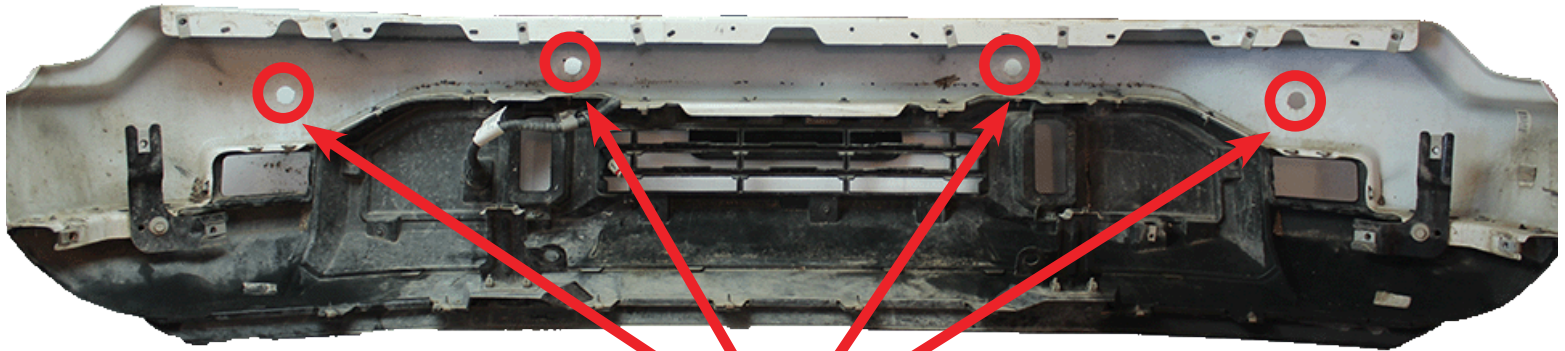
If your vehicle is equipped with Adaptive Cruise Control, relocate the sensor at this time with the ADD Relocation Bracket (part# AC5705101NA - sold separately).

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REMOVAL

□ STEP 25

Remove the parking sensors from the bezels by spreading the tabs and pulling out. ****CAUTION: Sensor bezels are fragile****

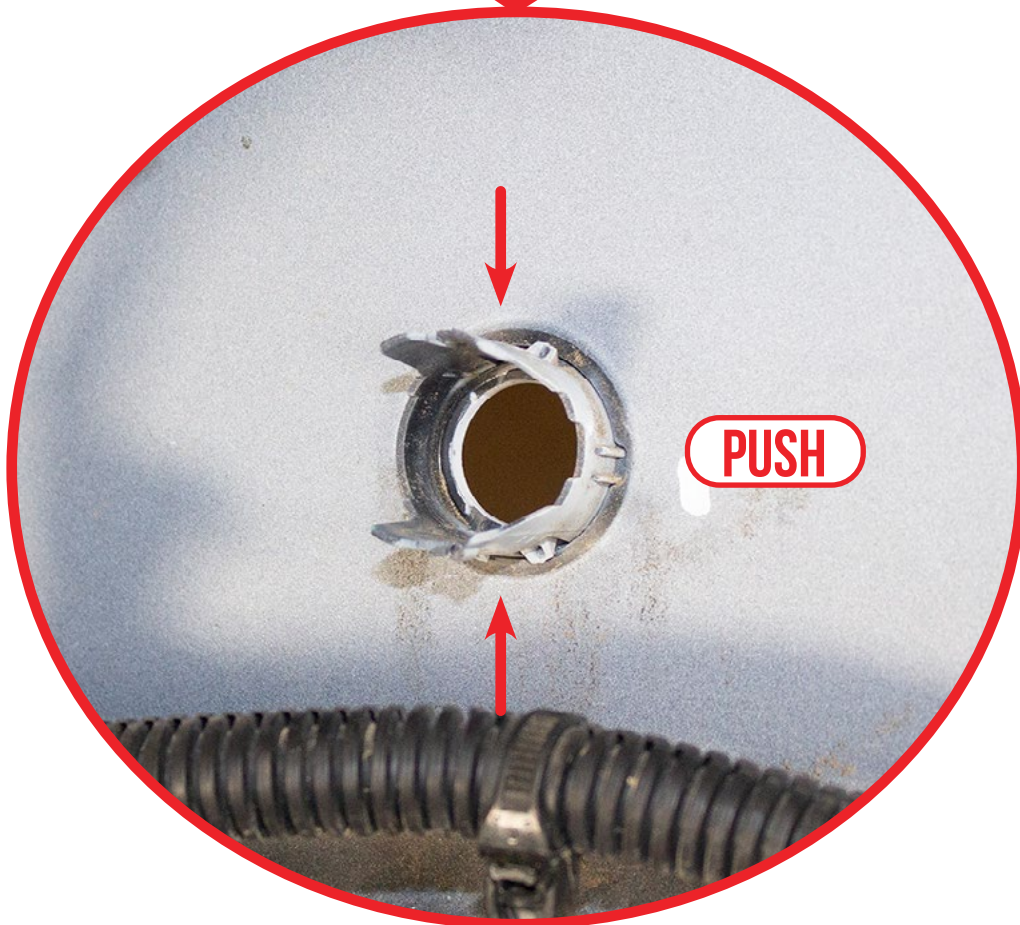
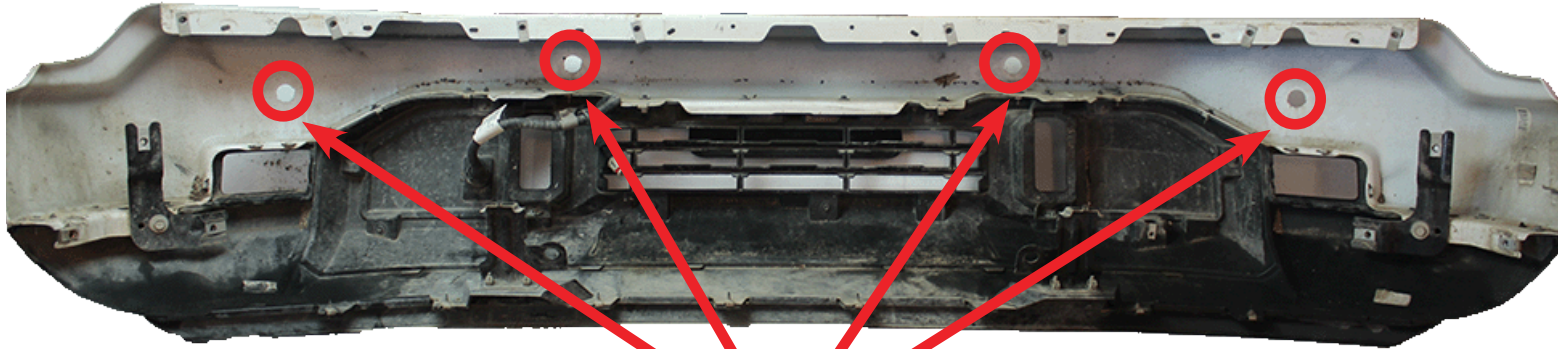


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REMOVAL

□ STEP 26

Remove the sensor bezels by pushing the tabs in and sliding out of the cutout.



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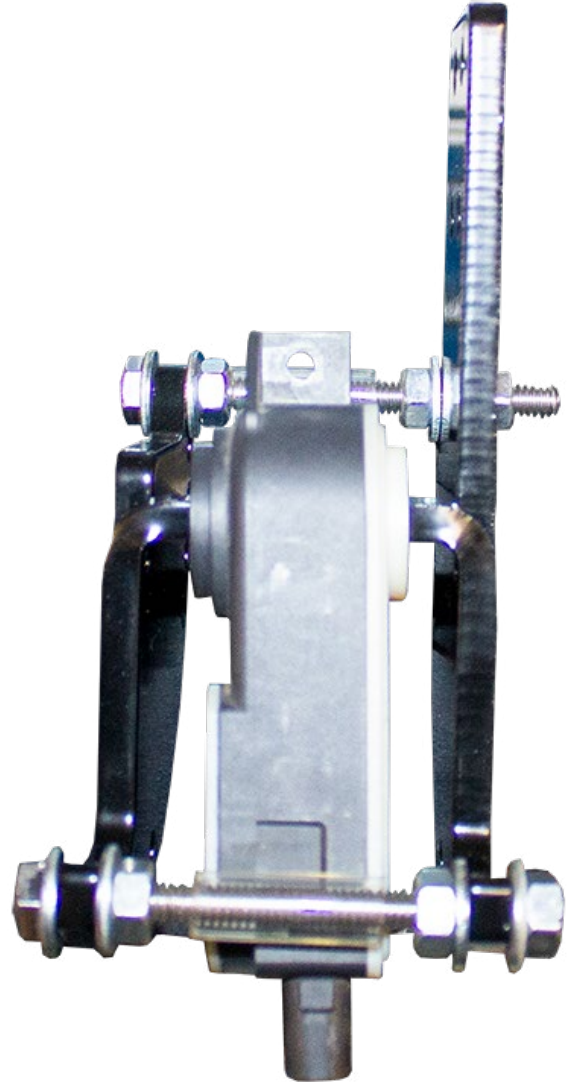
INSTALL

□ STEP 27

Using a (7/16 socket) and a (7/16 wrench), Assemble the shutter motor bracket as shown below by using **(C, C1, C2, B1)** 1/4-20 X 3" hex head fully threaded bolt, 1/4-20" hex nut, 1/4" flat washer, and 2" rubber tubing.



C.
C1.
C2.
B1.

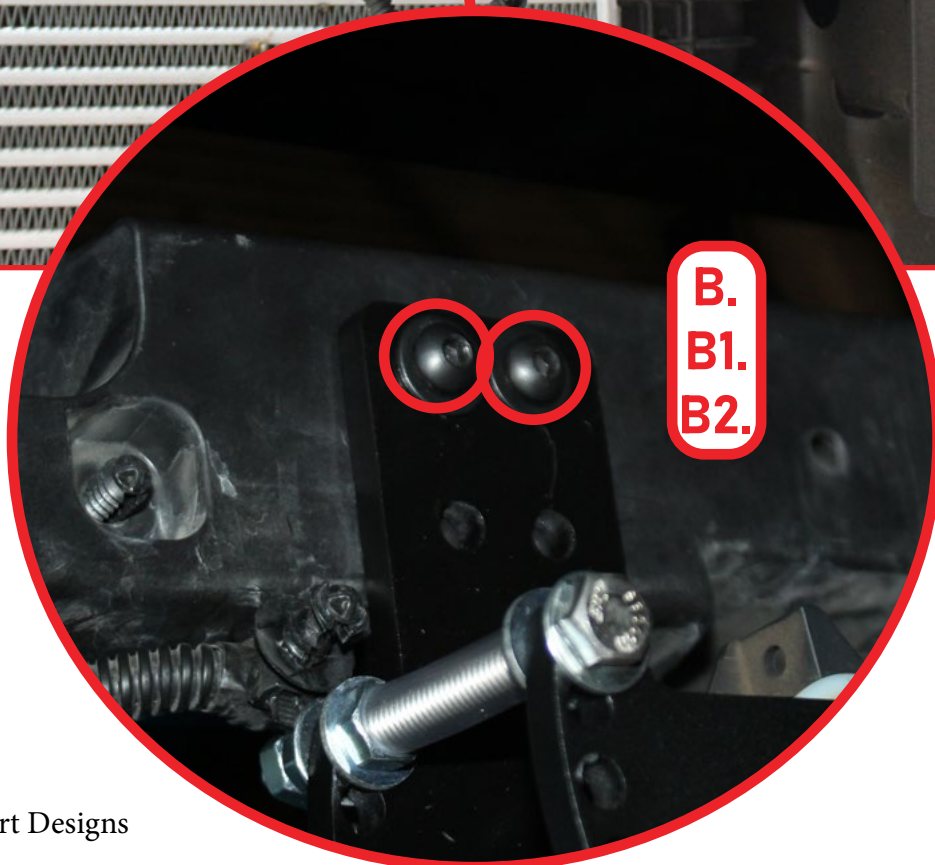
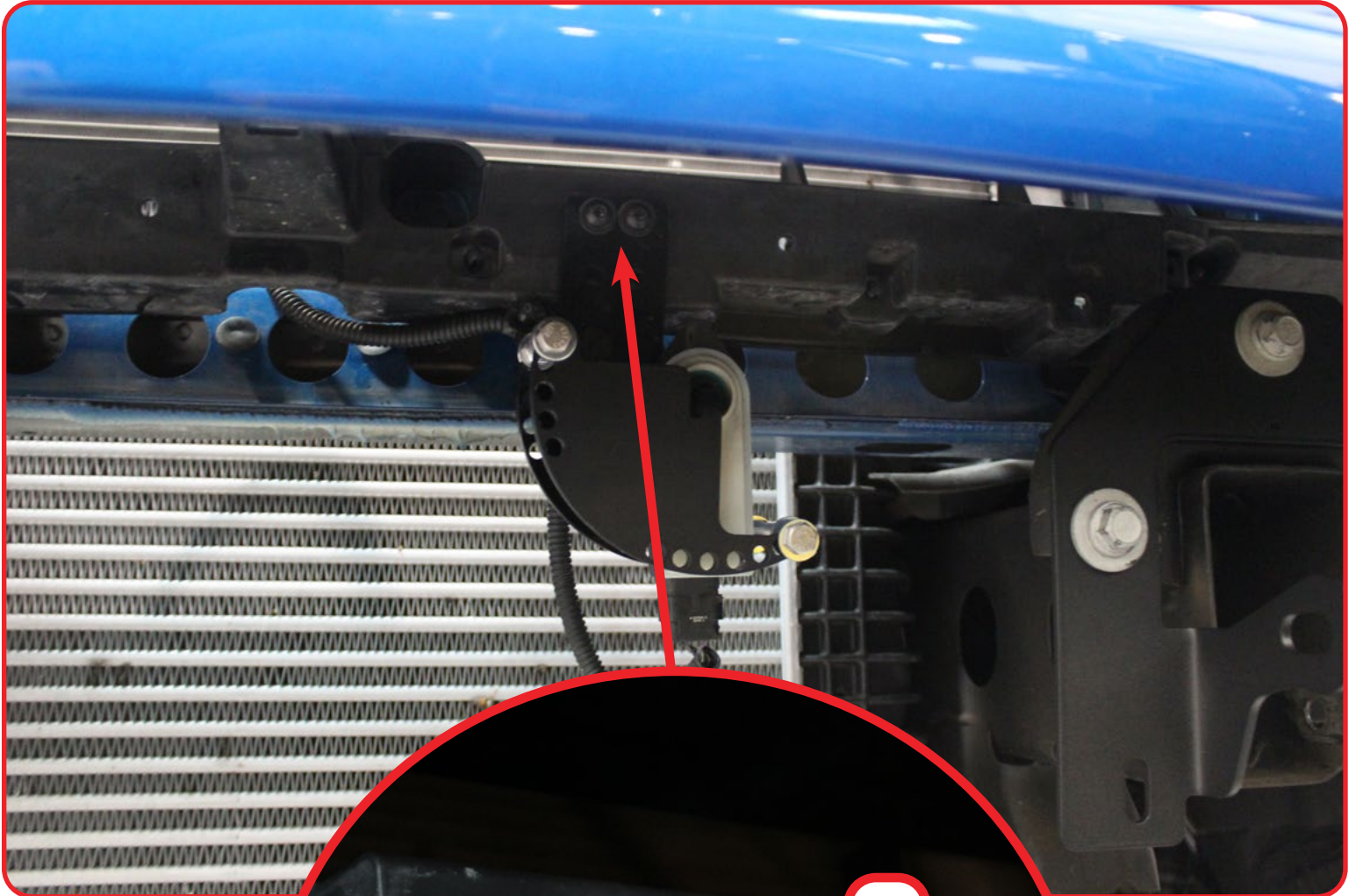


BLACK LABEL FRONT BUMPER 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 28

Using a (3/8 drill bit), drill two holes in the plastic as shown below. Next install the bracket by using the provided **(B, B1, B2)** 1/4-20 X 3/4" button head bolt, 1/4-20" nylon lock nut, and 1/4" flat washers with a (7/16 wrench) and a (5/32 allen).



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INSTALL

□ STEP 29

With the provided **(A, A1, A2)** 3/8-16 X 1" button head bolts, washers, and nylon lock nuts, and **(B, B1, B2)** 1/4-20 X 3/4" button head bolts, washers, and nylon lock nuts, install the side pods to the center using a (7/32 allen) and a (9/16 wrench).

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

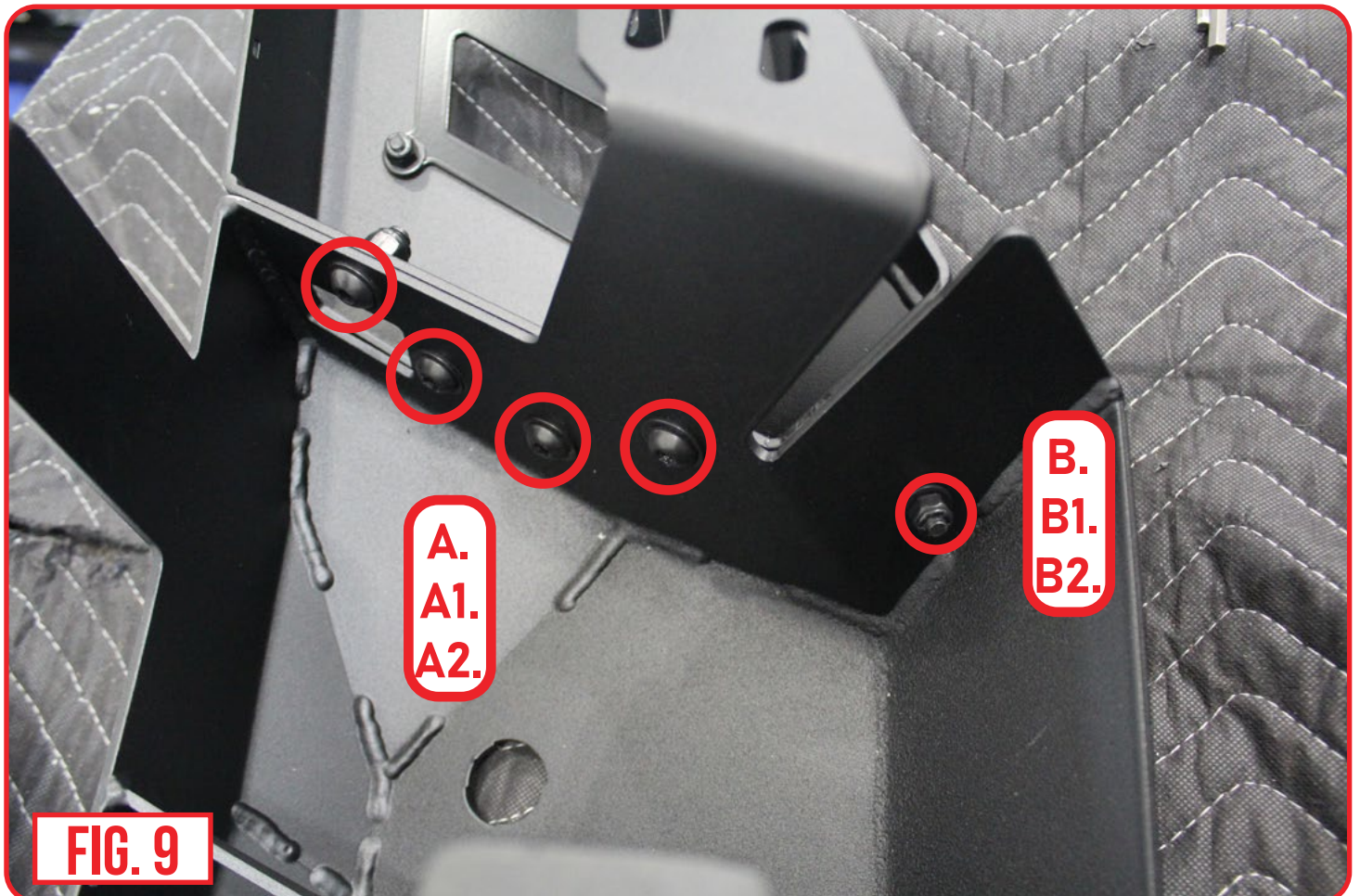
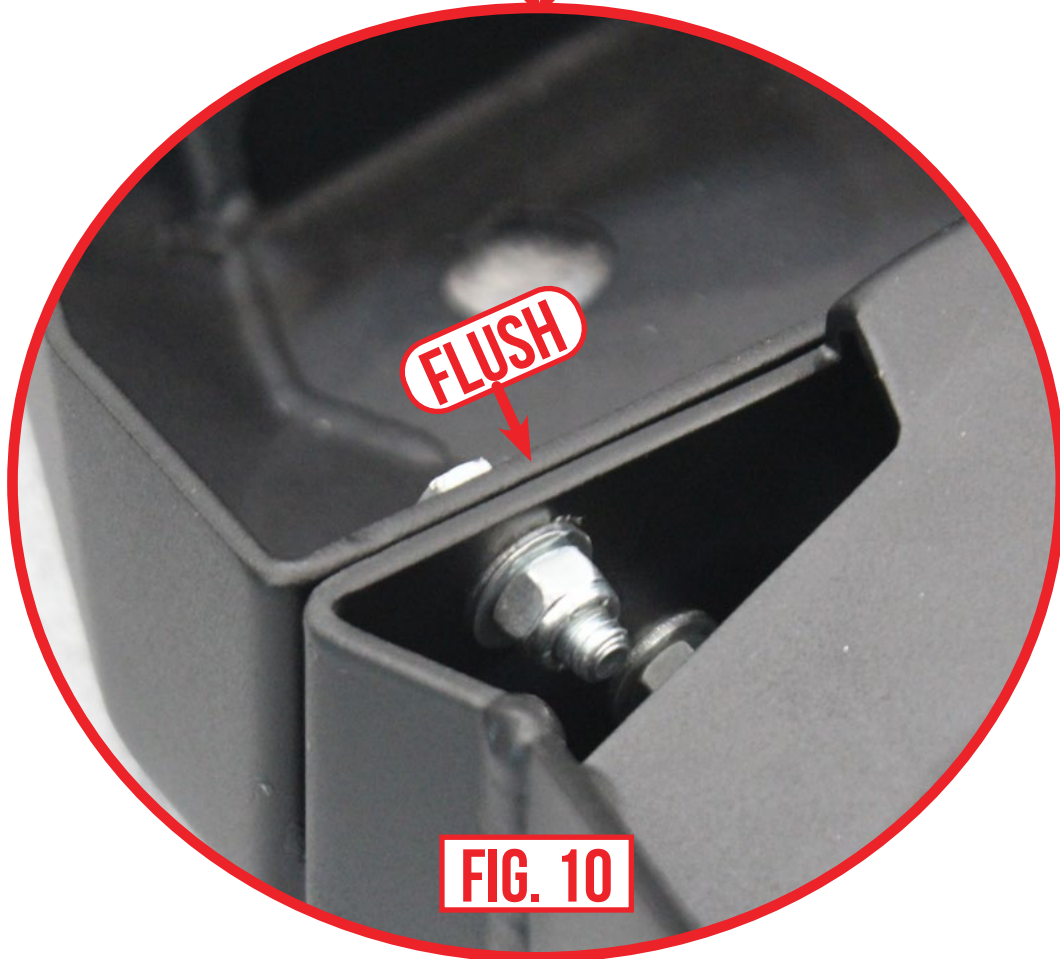


FIG. 9

BLACK LABEL FRONT BUMPER 2021-23/GMC SIERRA 1500

INSTALL

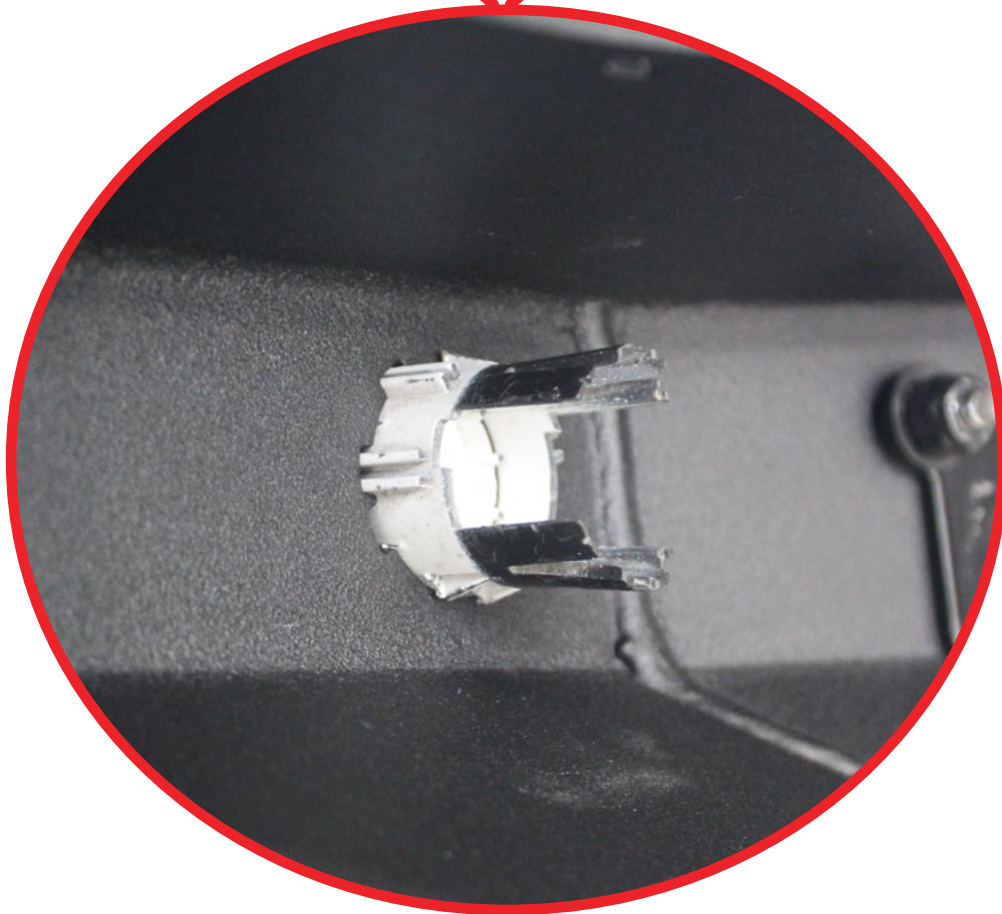


BLACK LABEL FRONT BUMPER 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 30

Install the sensor bezels removed from **step 25 & 26** in the same OEM orientation.



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INSTALL

□ STEP 31

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.

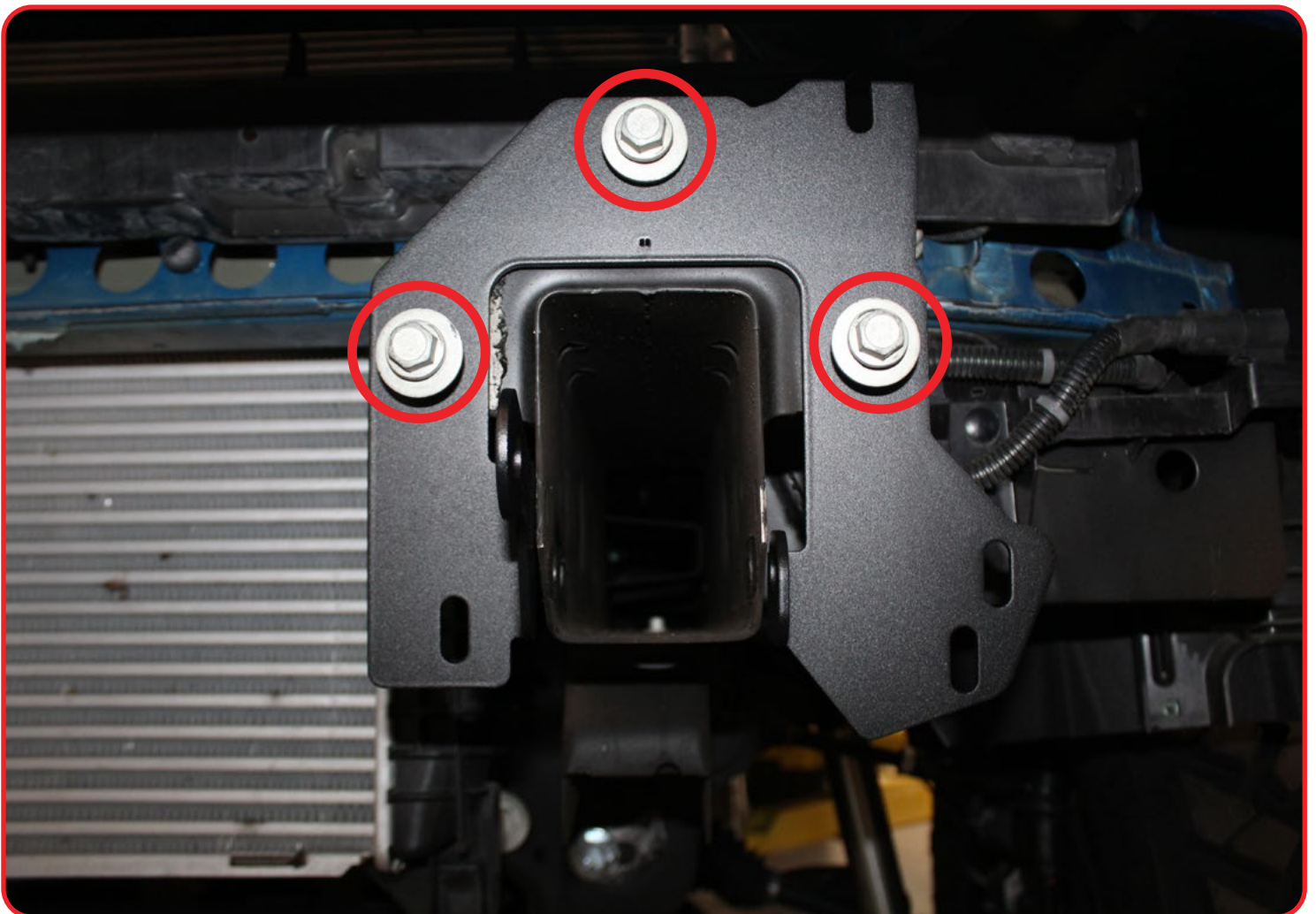


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INSTALL

□ STEP 32

Install the mounting brackets to the frame horns using a (15mm socket) with the hardware removed from step 18.

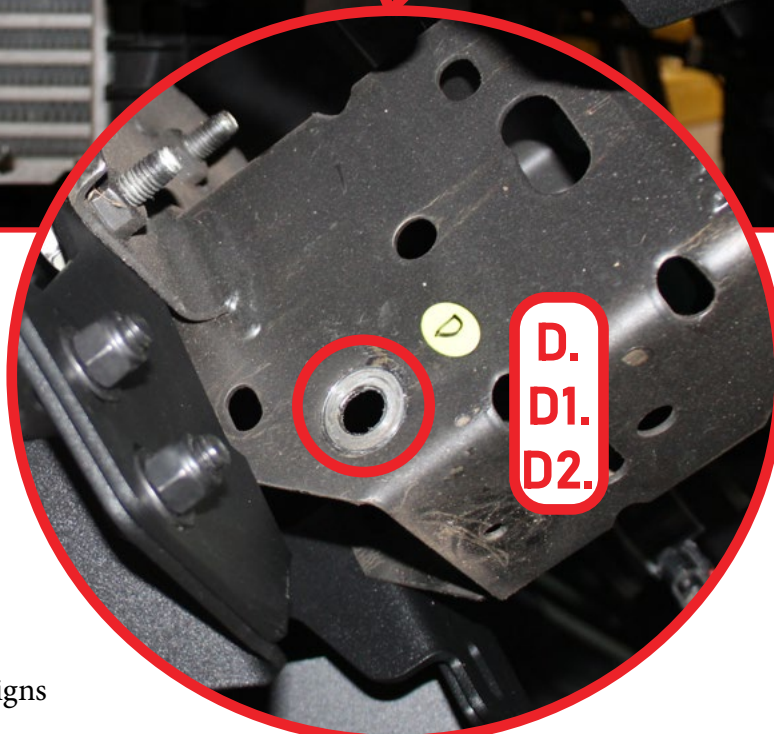
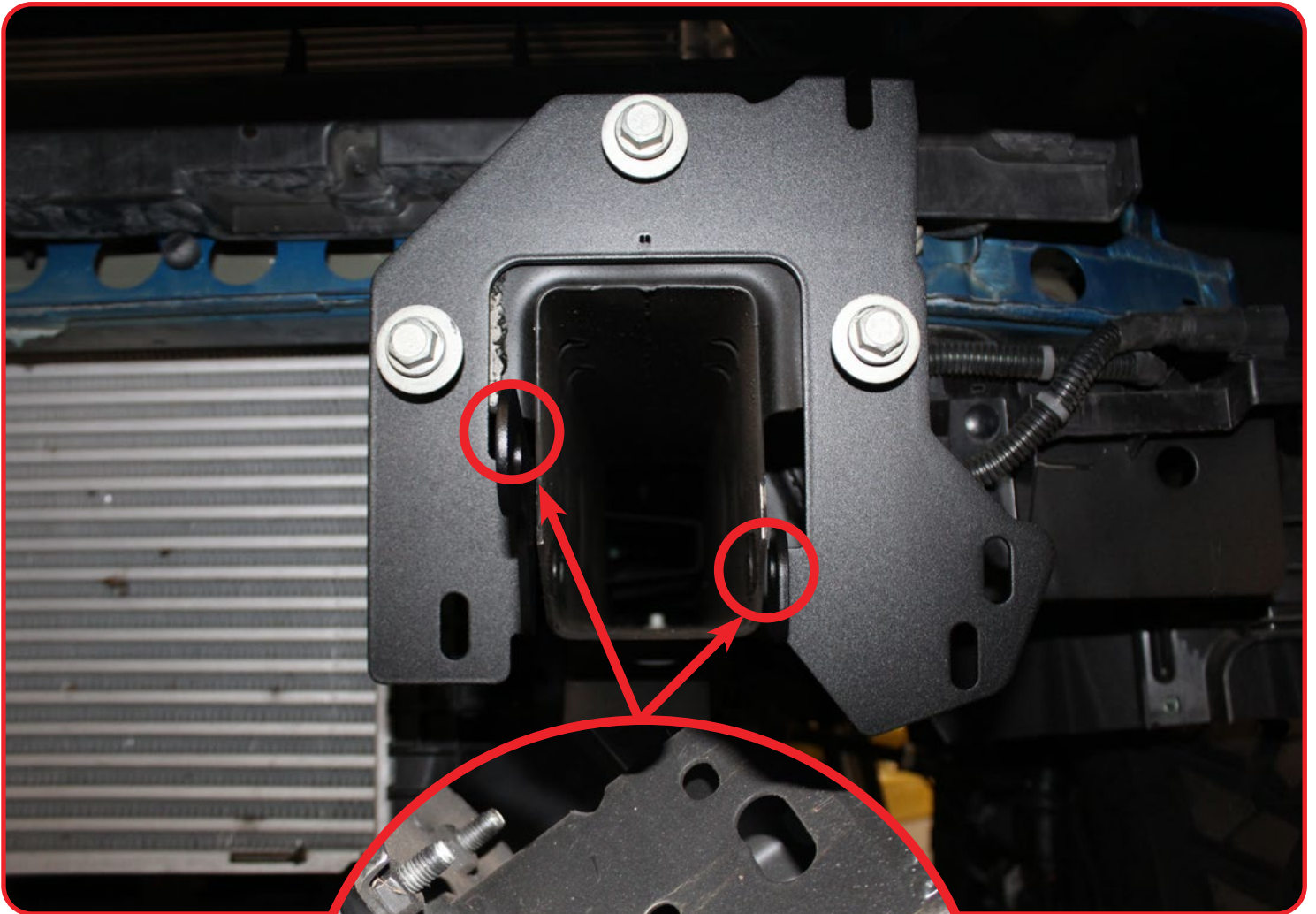


BLACK LABEL FRONT BUMPER 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 33

Using a (3/4 wrench) and a (3/4 socket), use the provided (**D, D1, D2**) 1/2-13 X 1 1/2" hex head bolt, 1/2-13" nylon lock nut, and 1/2" flat washer for the sides on the mounting plate shown below.

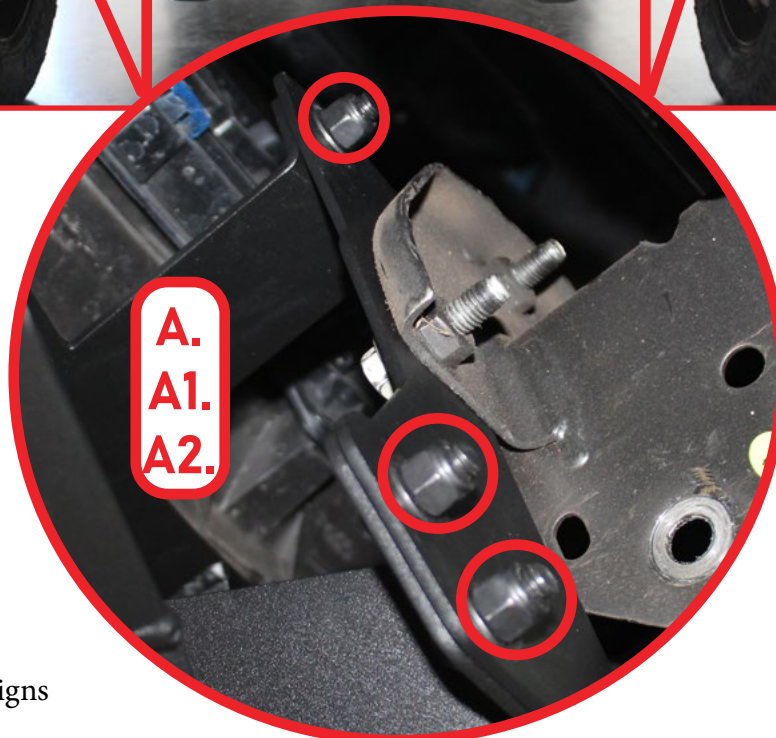


BLACK LABEL FRONT BUMPER 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 34

With the help from another installer, position the bumper on the truck with the provided (A, A1, A2) 3/8-16 X 1" hex head bolt, 3/8-16" nylon lock nut, and 3/8" flat washer.



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INSTALL

□ STEP 35

Plug in the wire harness.



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INSTALL

STEP 36

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



BLACK LABEL FRONT BUMPER 2021-23/GMC SIERRA 1500

FINAL

□ STEP 37

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