

2021-23/GMC SIERRA 1500

ADAPTIVE CRUISE CONTROL BRACKET

AC5705101NA



TOOLS REQUIRED

(Sockets) 7/16, 5/8, 7mm, 10mm, 18mm
(Box end wrenches) 7/16, 5/8, 7mm, 10mm, 18mm
(Torx) T15
(Allen wrenches) 5/32
(Drill Bit) 3/8"
Fastener remover or flathead screwdriver
Ratchet
Angle Finder



TIME REQUIRED

- 1 hours for OEM Removal/Bracket Install



SKILL LEVEL

-Medium/Moderate

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



INCLUDED IN KIT

10- 1/4" Flat Washers
10- 1/4-20" Nylon Lock Nut
3- 1/4-20 X 1" Button Head Bolt
6- 1/4-20 X 3/4" Button Head Bolt
1- 1/4-20 X 3/4" Carriage Bolt

⚠️ 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.



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

QTY: 6

A1.



1/4" FLAT WASHER

QTY: 10

A2.



1/4-20" NYLON LOCK NUT

QTY: 10

B.



1/4-20 X 1" BUTTON HEAD BOLT

QTY: 3

C.



1/4-20 X 3/4" CARRIAGE BOLT

QTY: 1

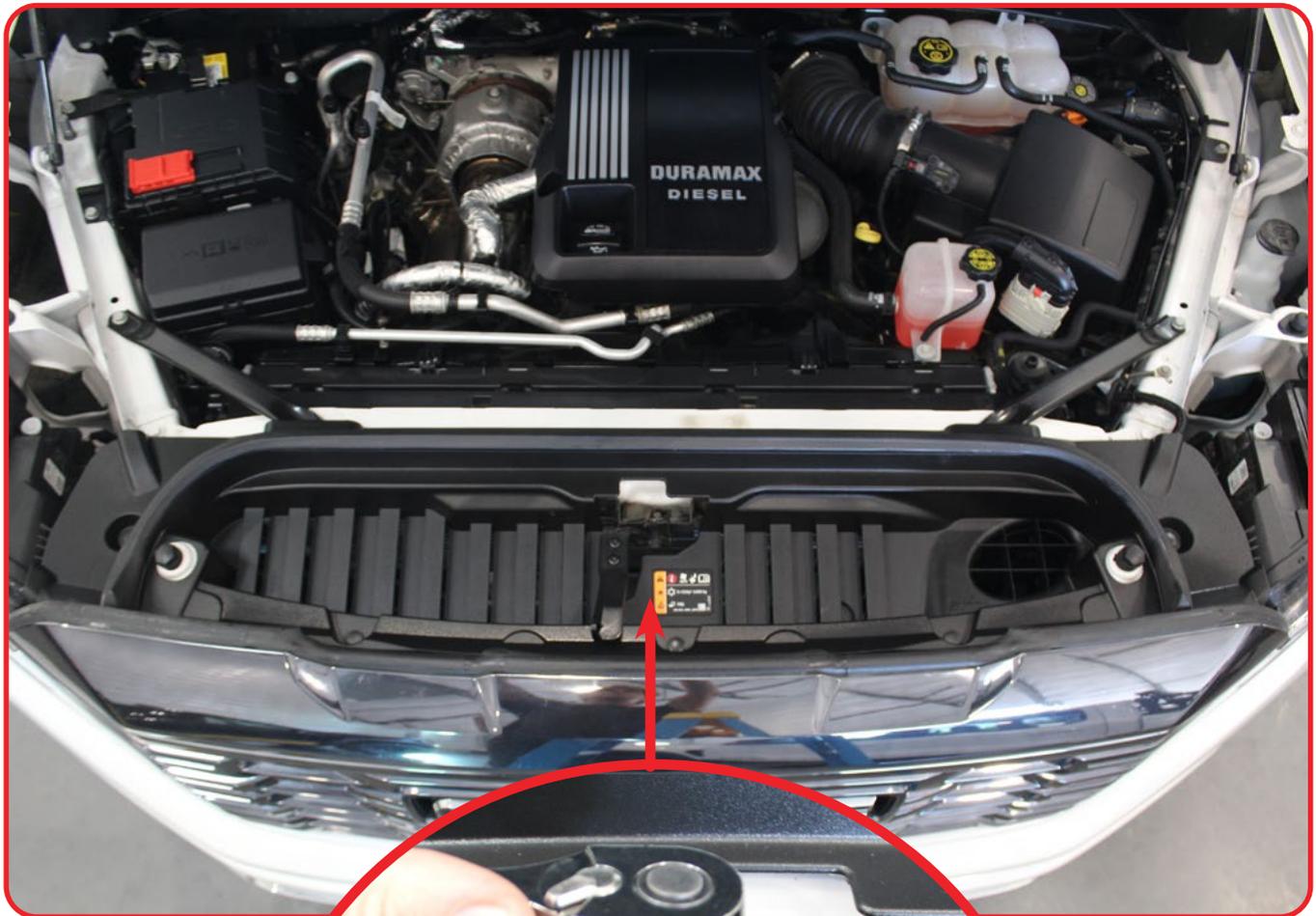
Reference this page throughout the install

ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 1

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

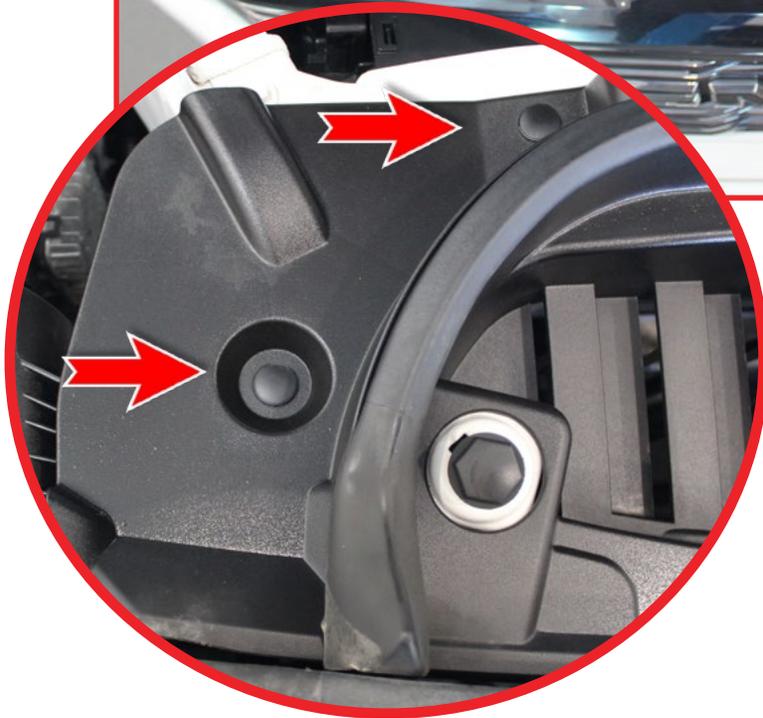
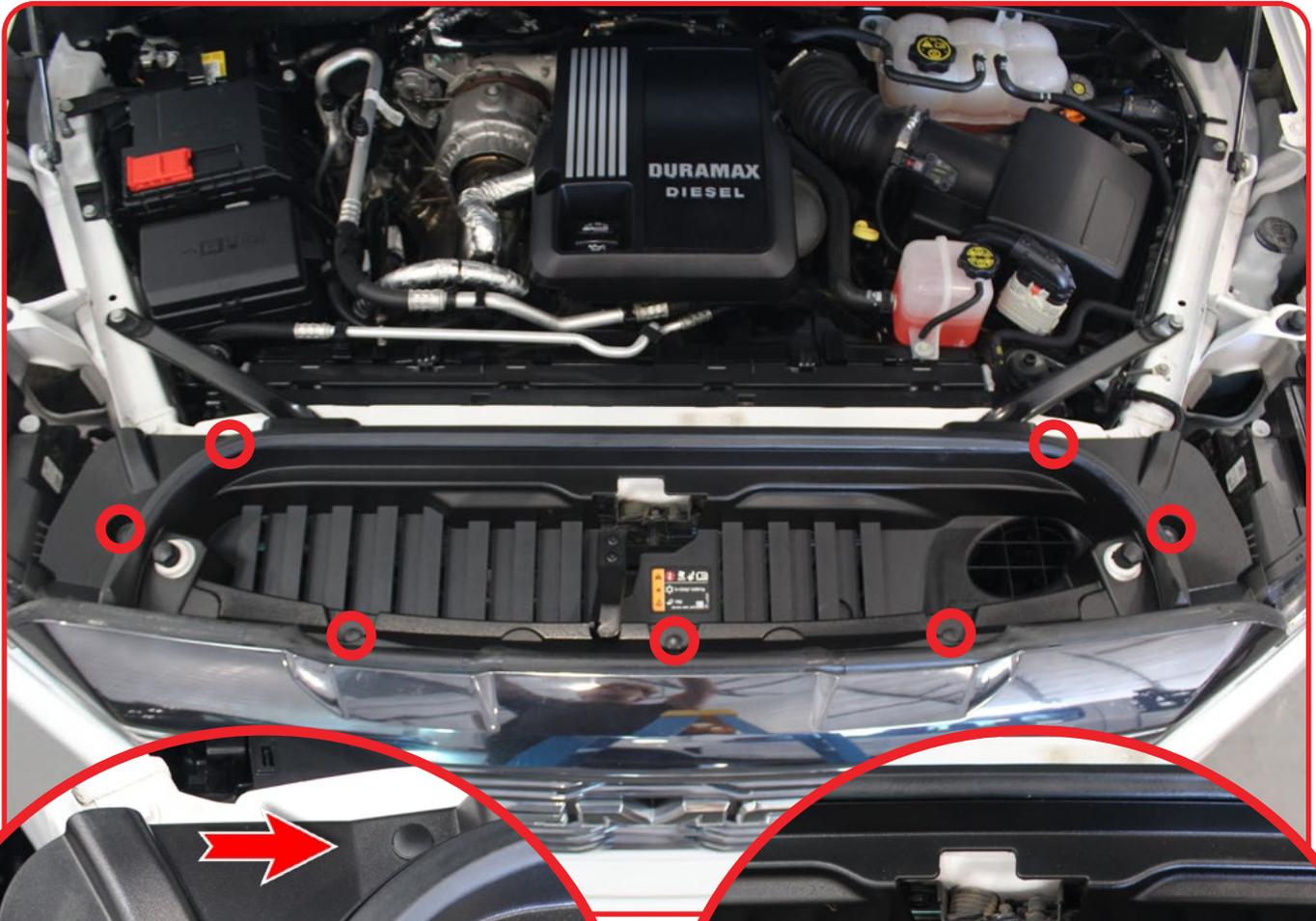


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 2

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

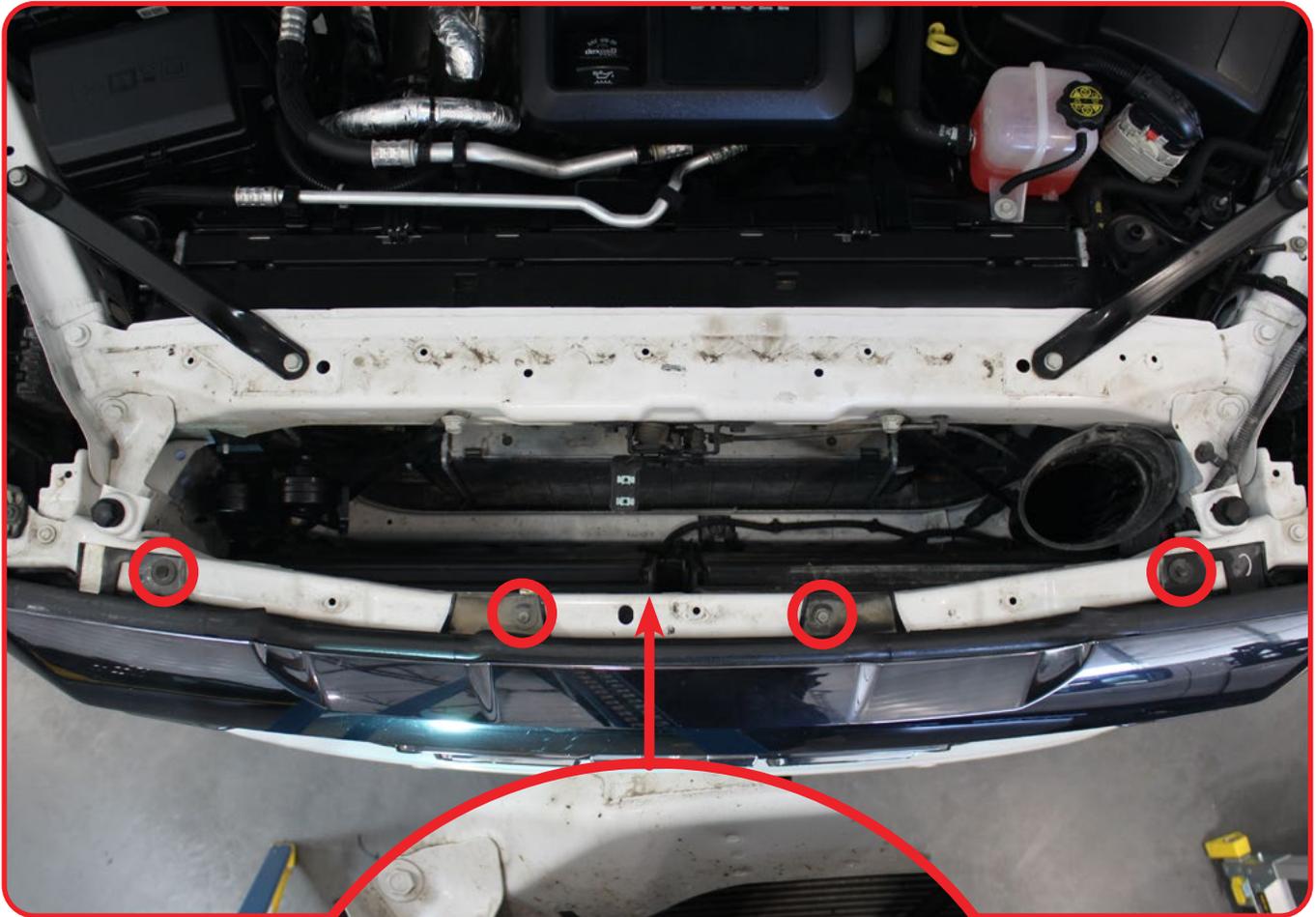


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REMOVAL

□ STEP 3

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

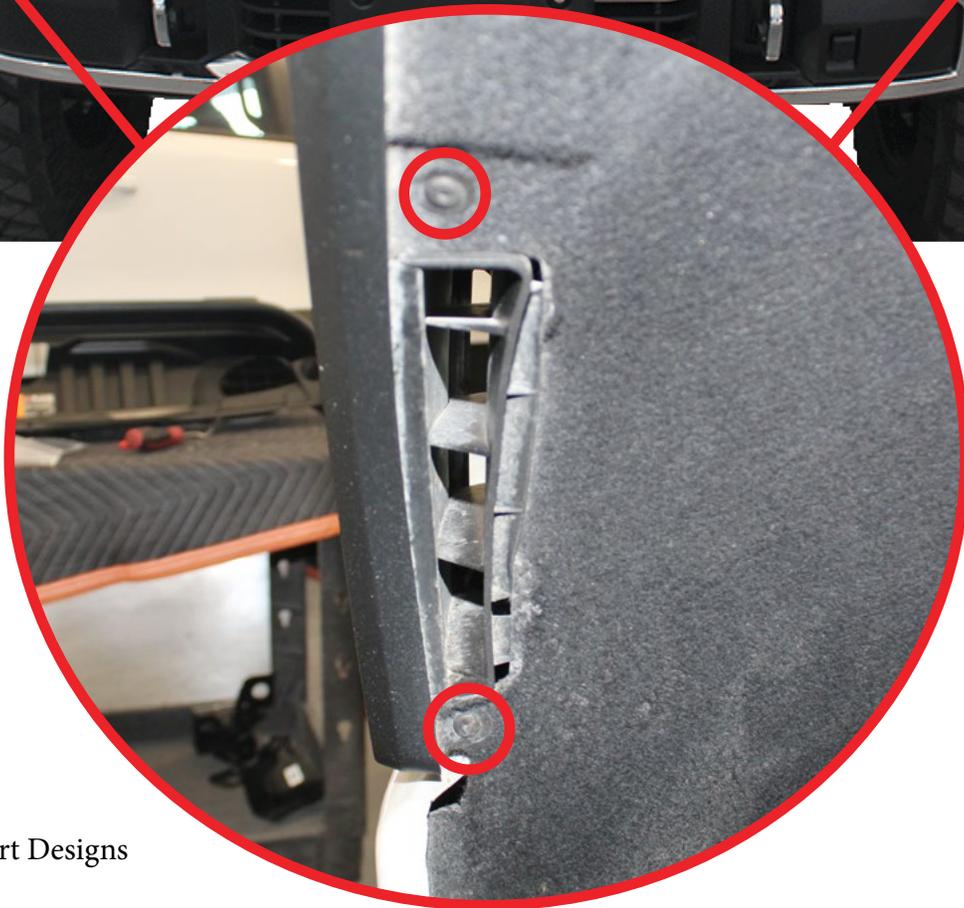
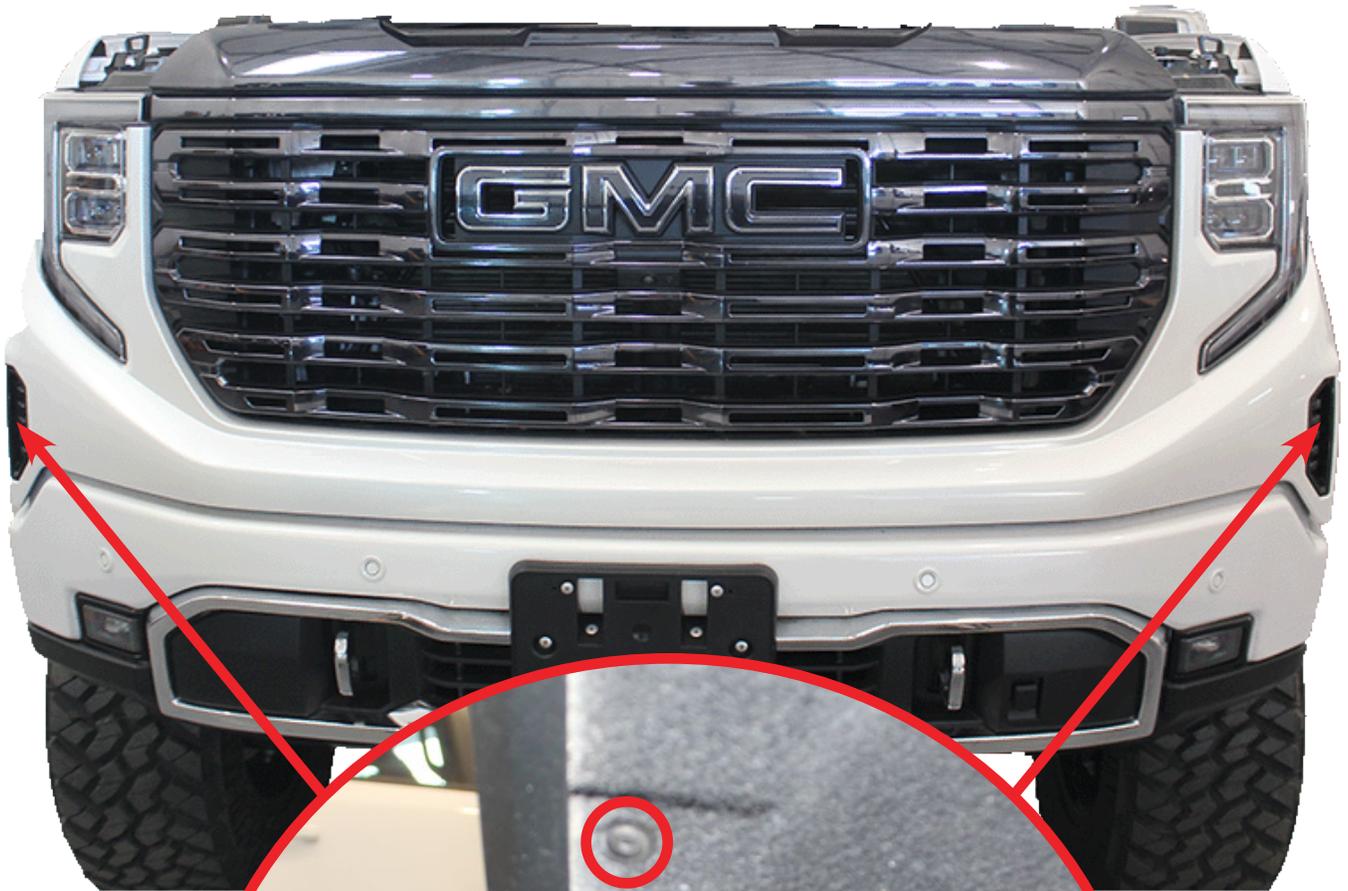


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REMOVAL

□ STEP 4

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



ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

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)**

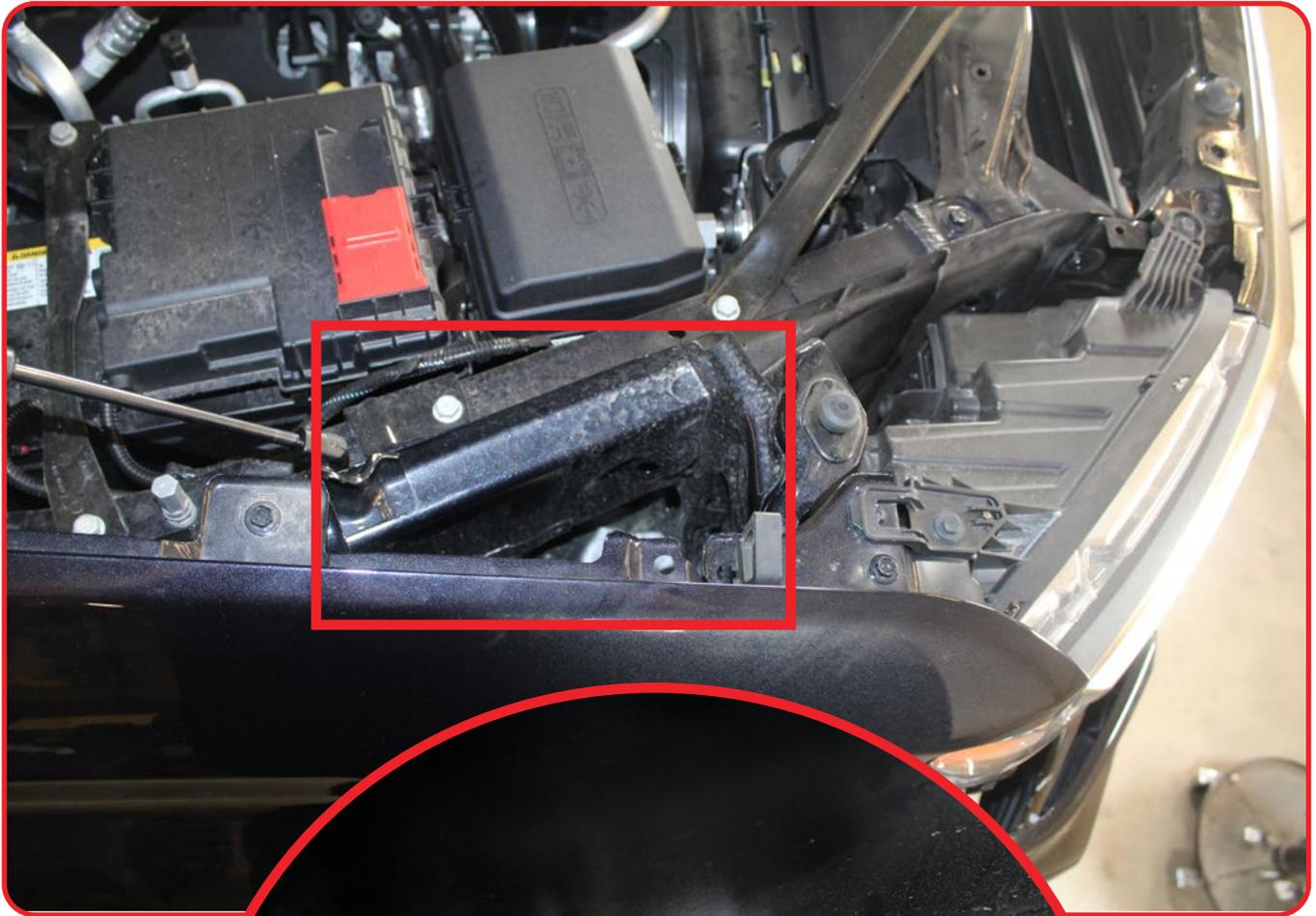


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 6

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



ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

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)**

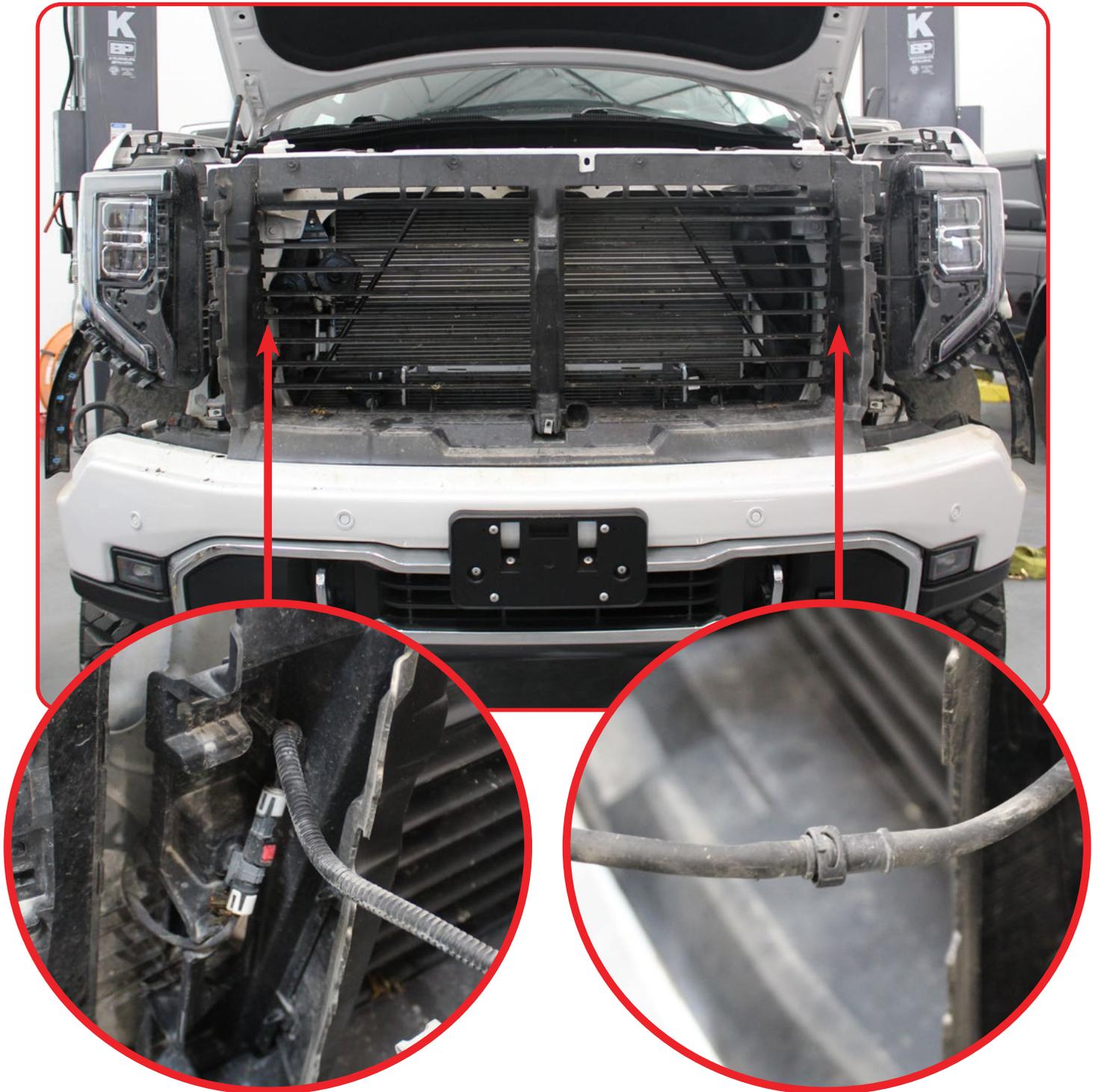


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 9

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

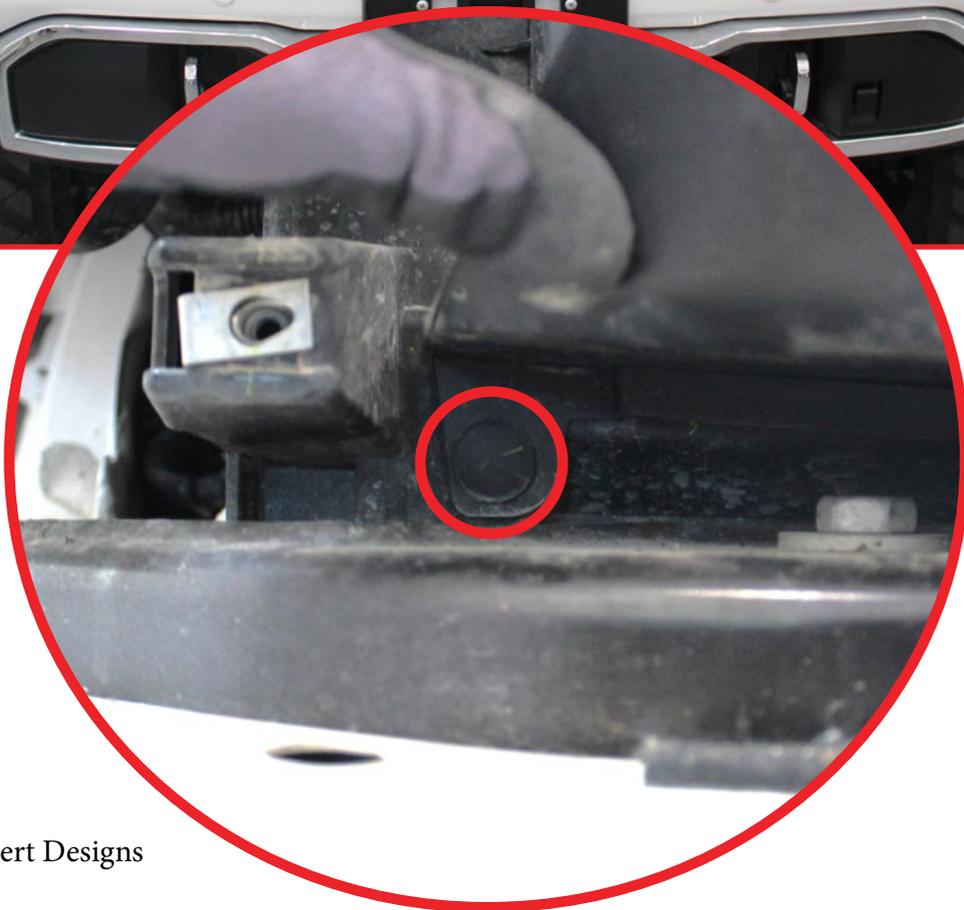
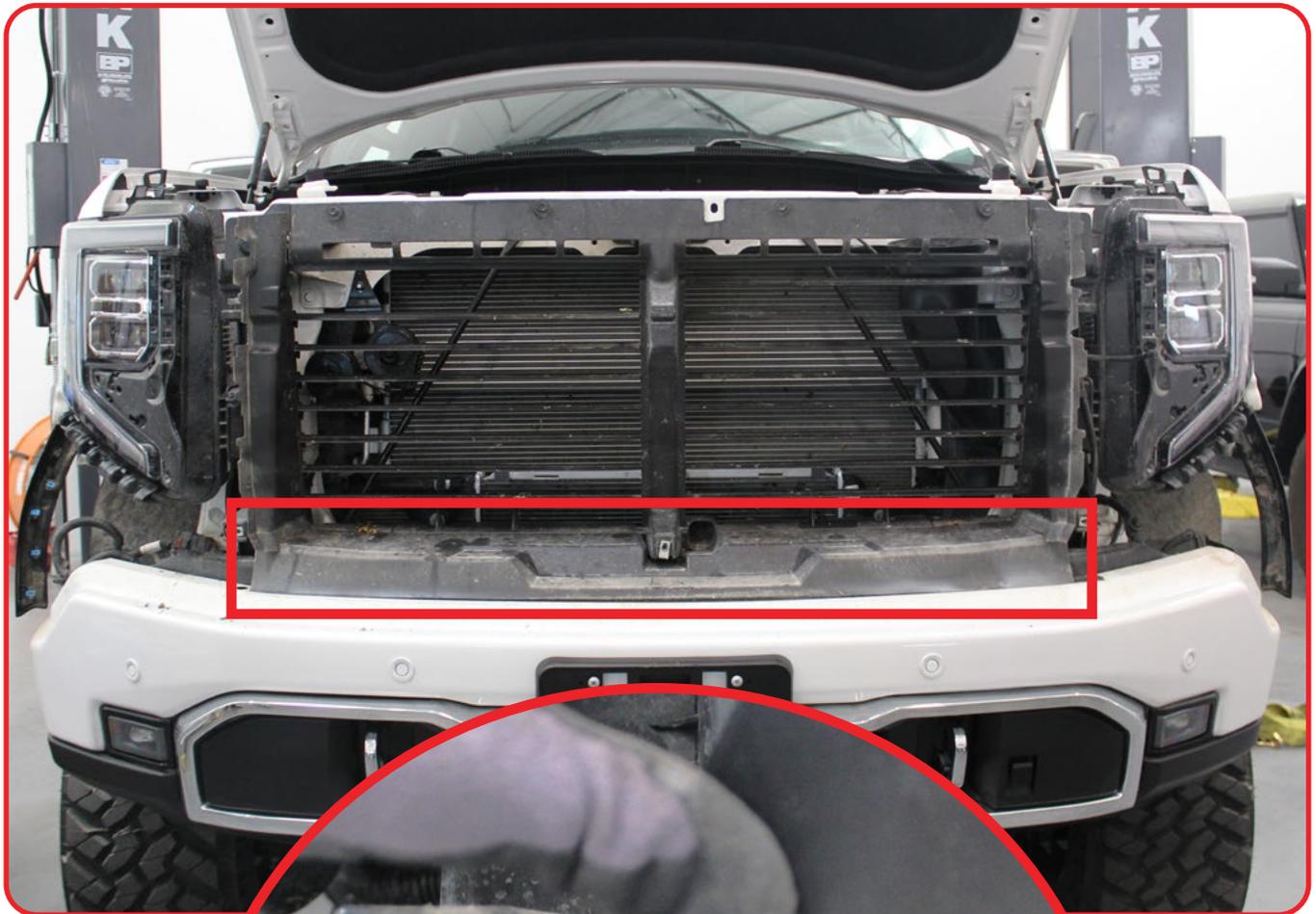


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REMOVAL

□ STEP 10

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



ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 11

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

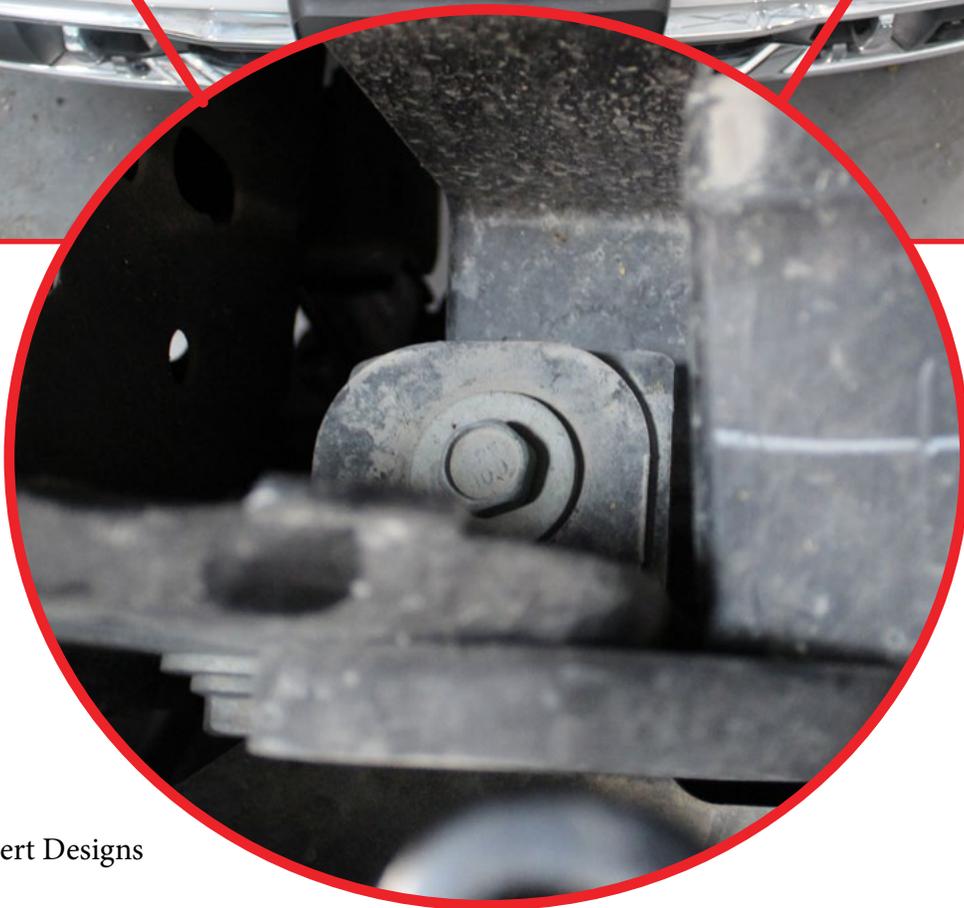
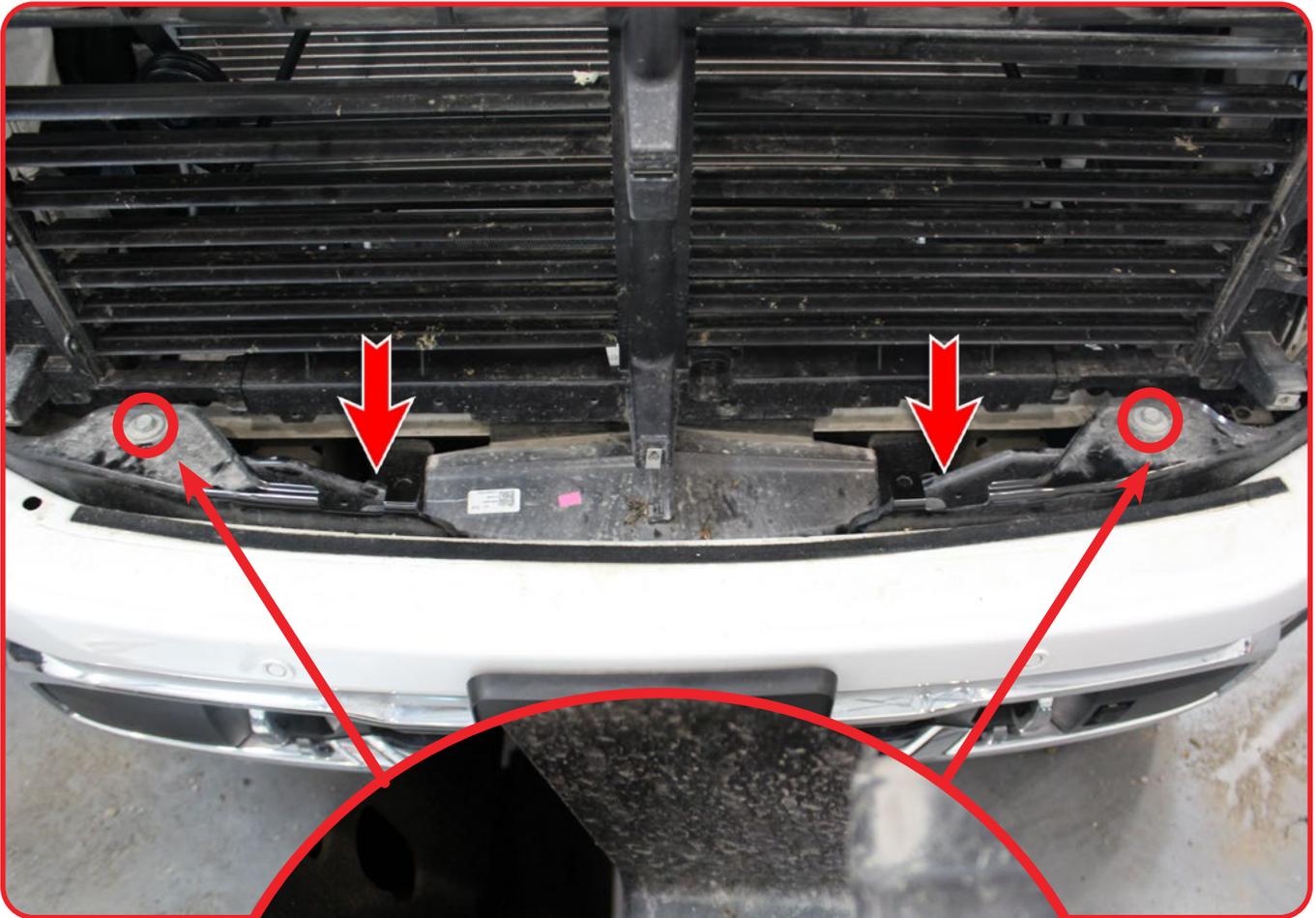


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

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.

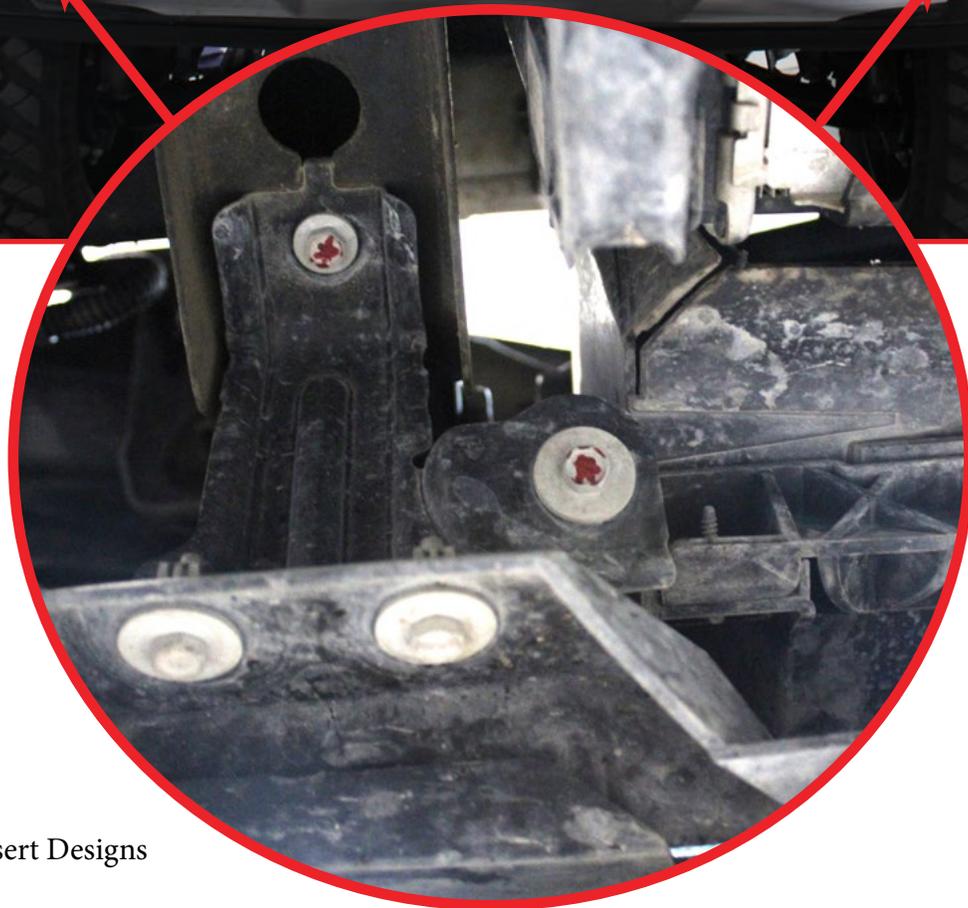


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REMOVAL

□ STEP 14

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

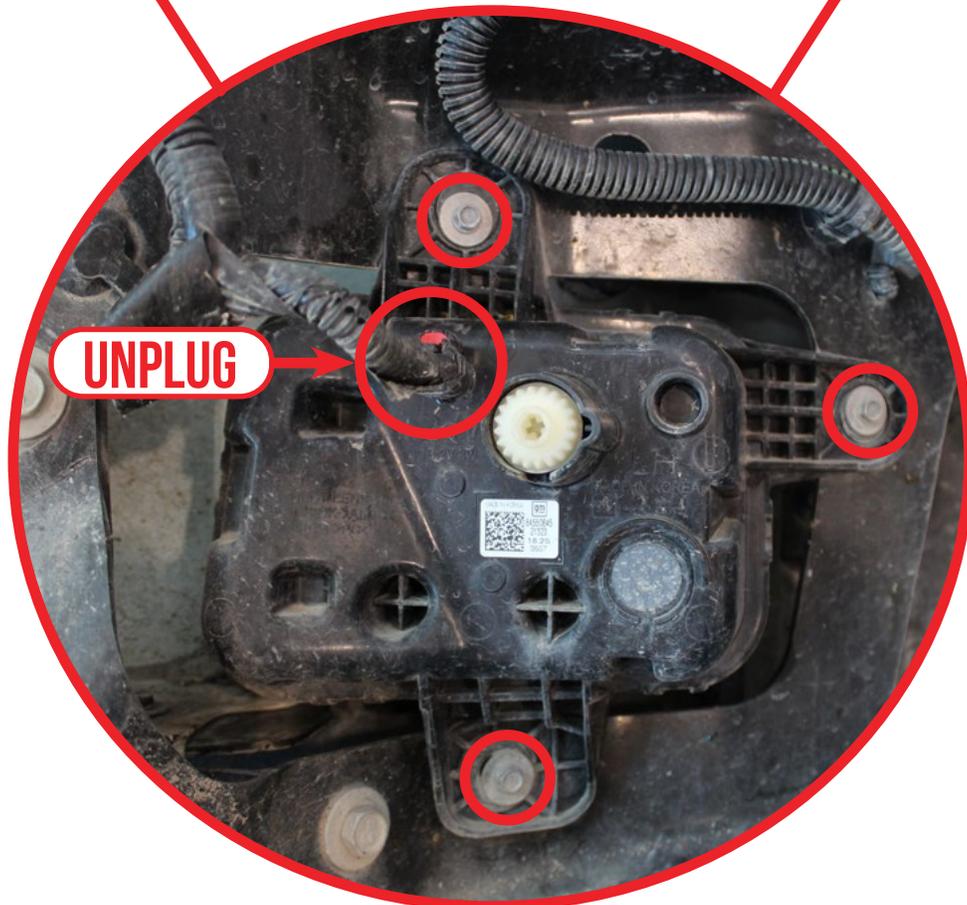
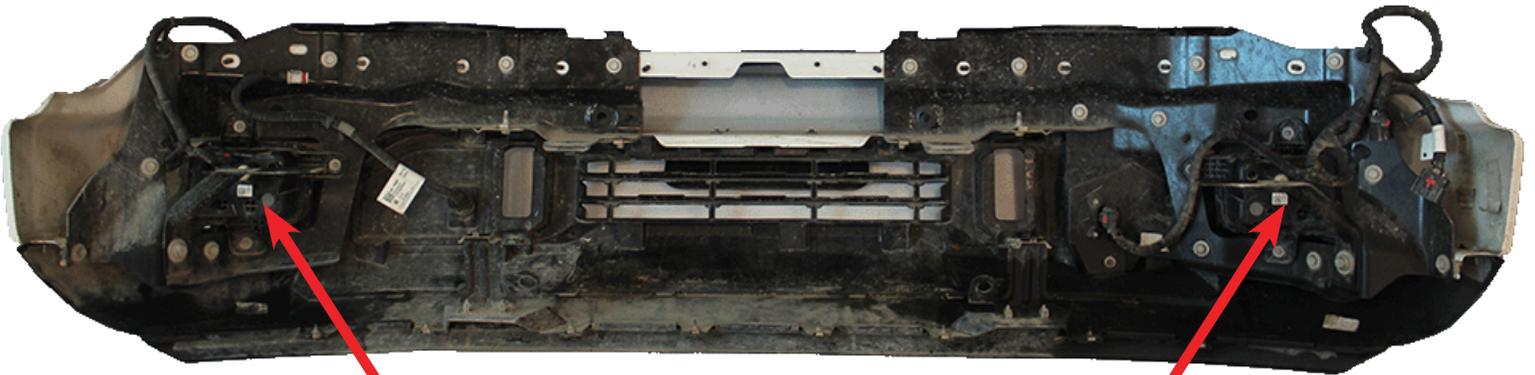


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REMOVAL

□ STEP 15

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

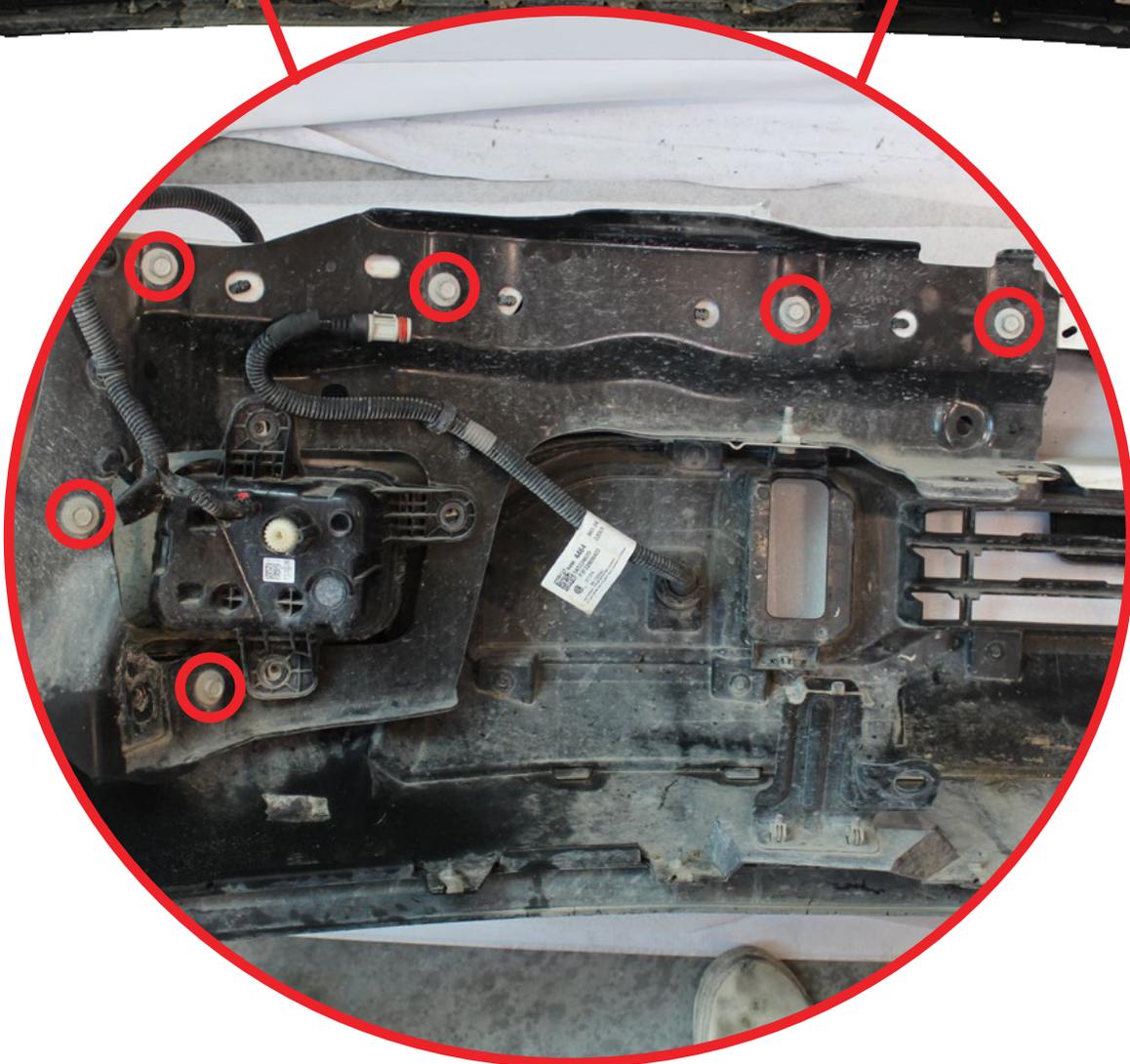


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REMOVAL

□ STEP 16

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

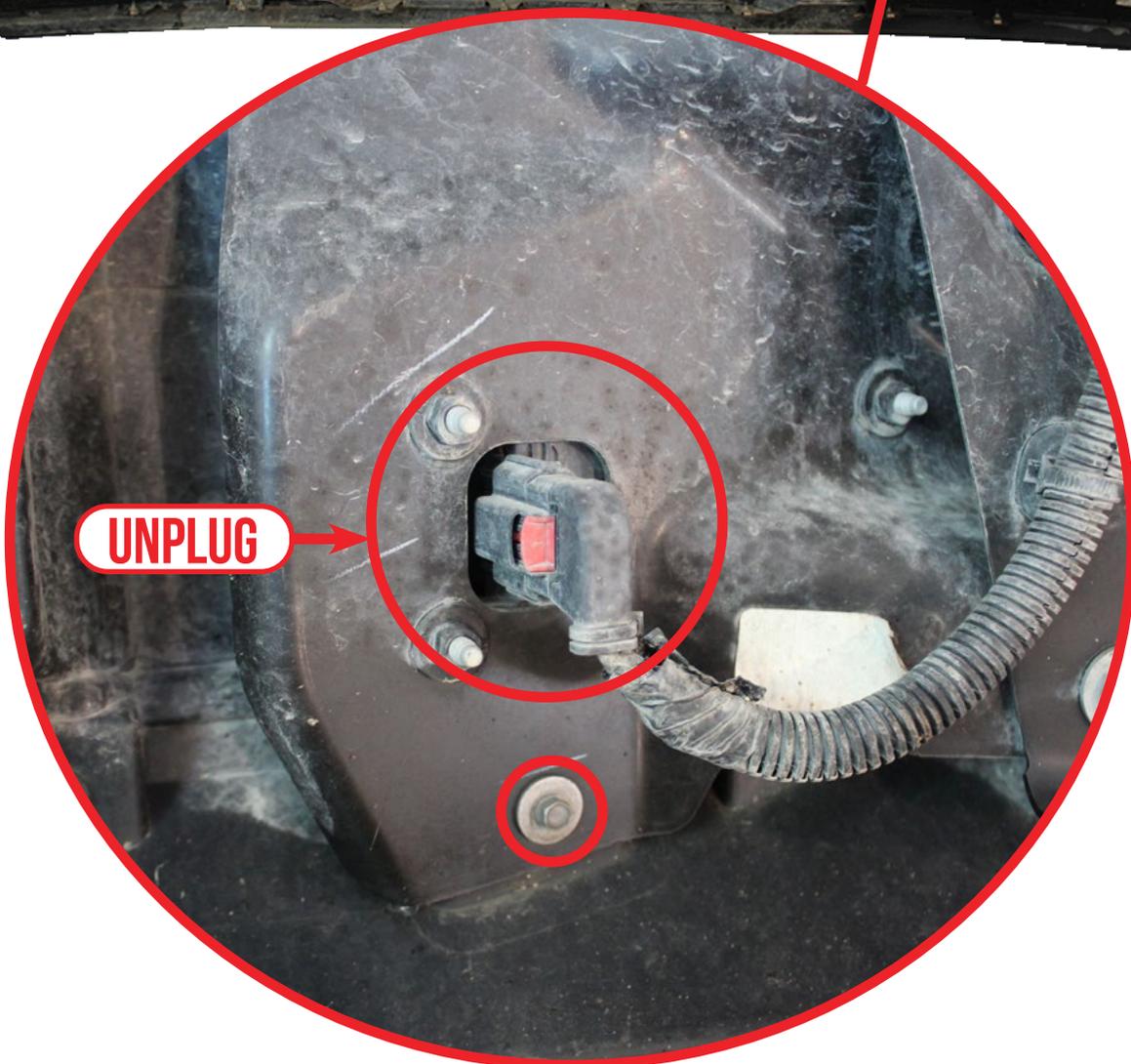
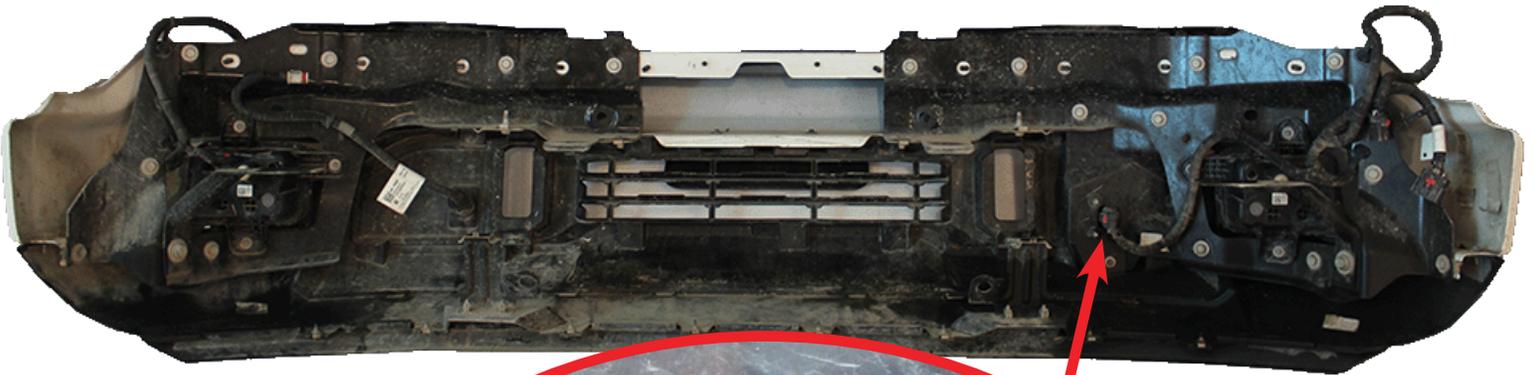


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REMOVAL

□ STEP 17

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

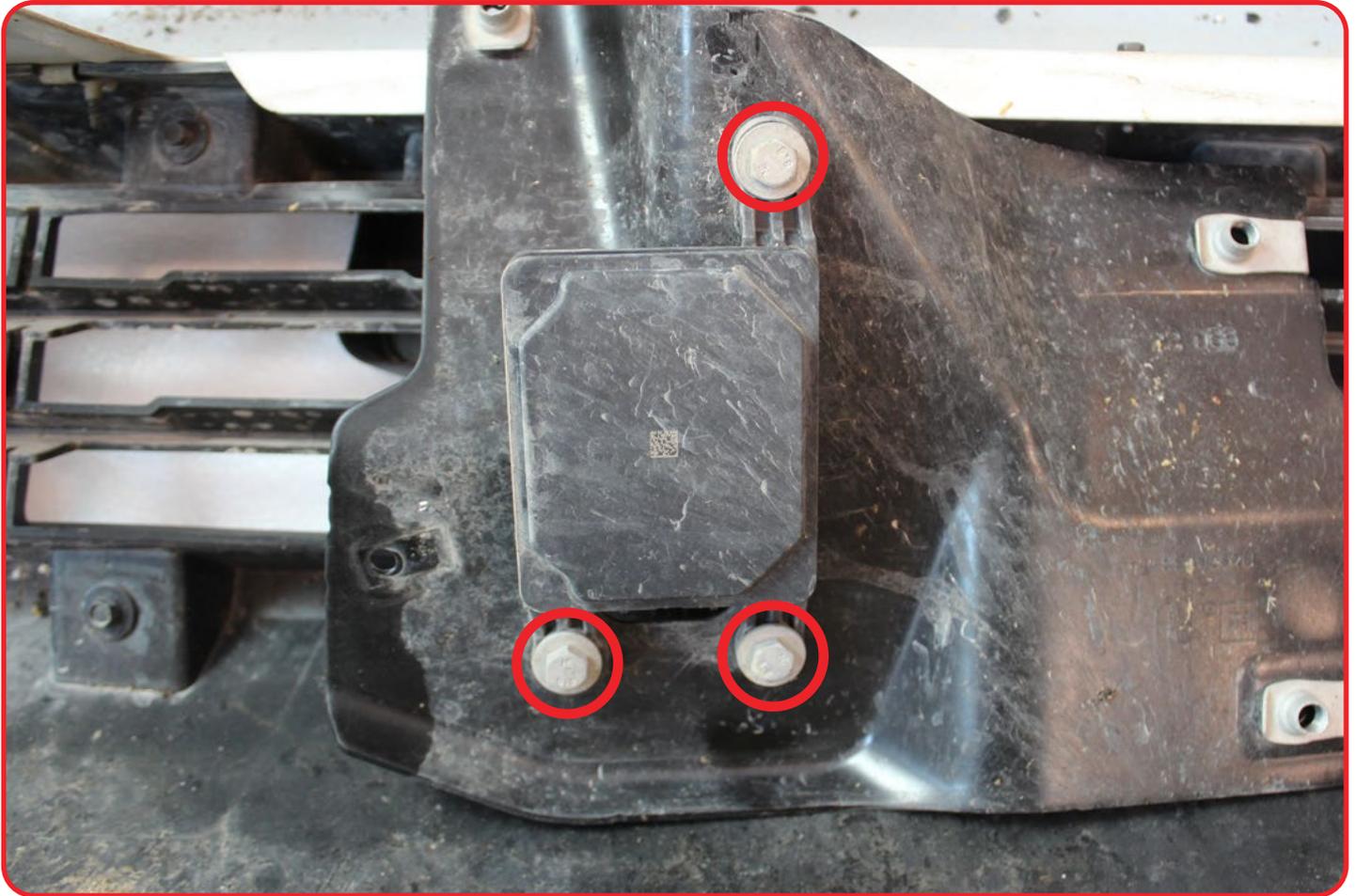


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 18

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

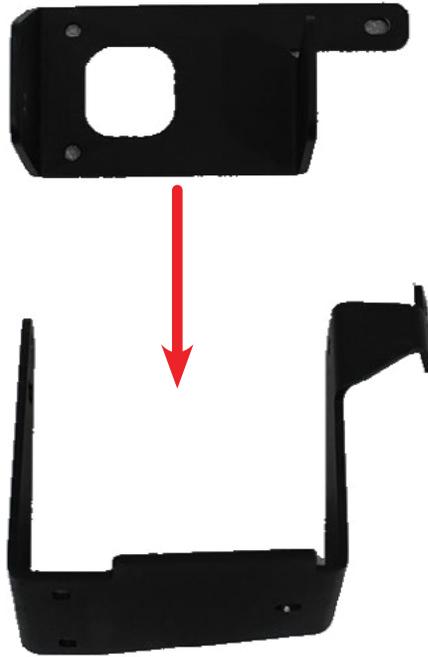


BLACK LABEL FRONT BUMPER 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 19

Using a (7/16 socket), assemble the Adaptive Cruise Control bracket with the provided **(C, B1, B2)** 1/4-20 X 3/4" carriage bolt, 1/4" flat washer, and 1/4-20" nylon lock nut.

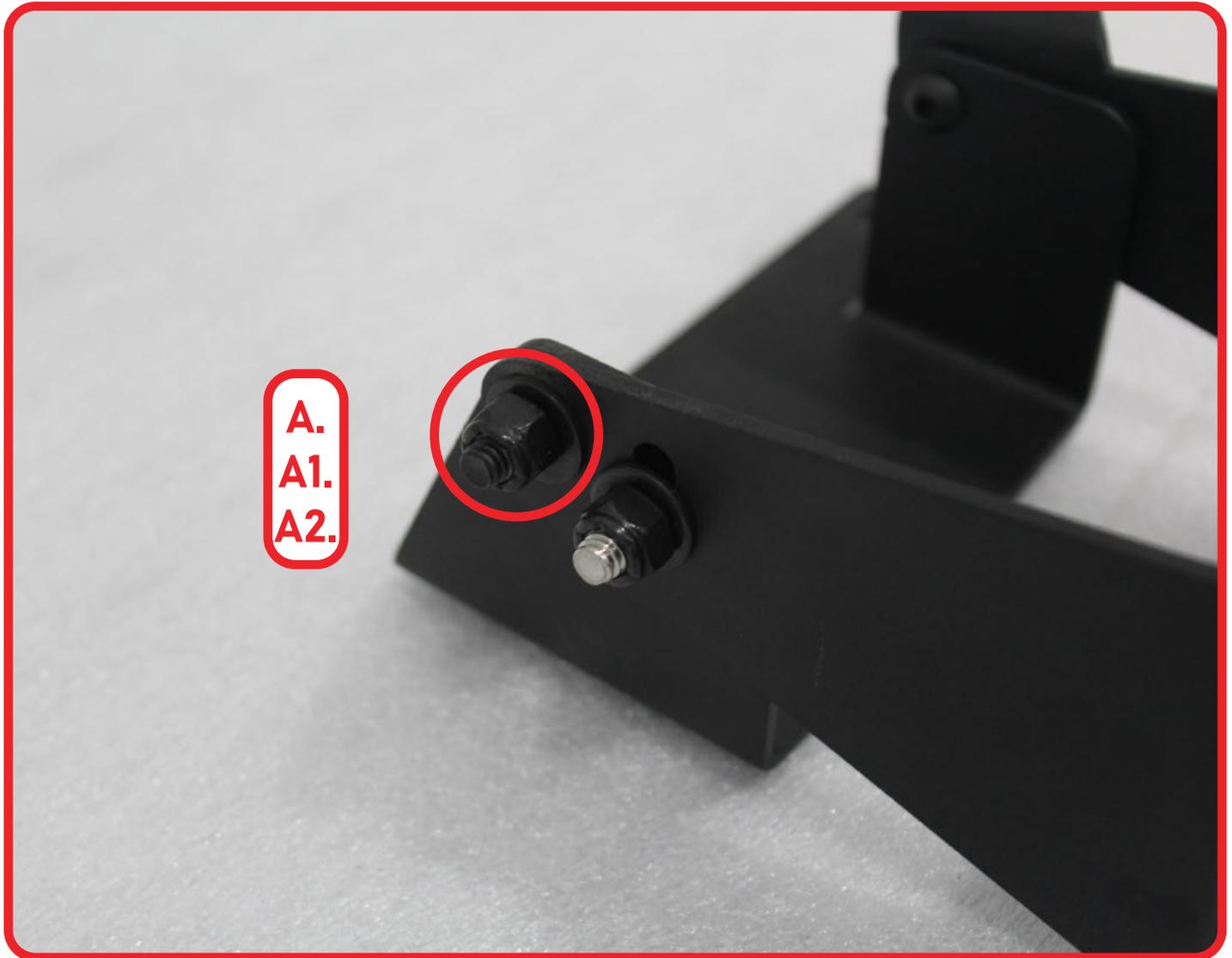


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 20

Using a (5/32 allen) and a (7/16 wrench), install the hardware shown below with the provided (A, A1, A2) 1/4-20 X 3/4" button head bolt, 1/4" flat washer, 1/4-20" nylon lock nut.

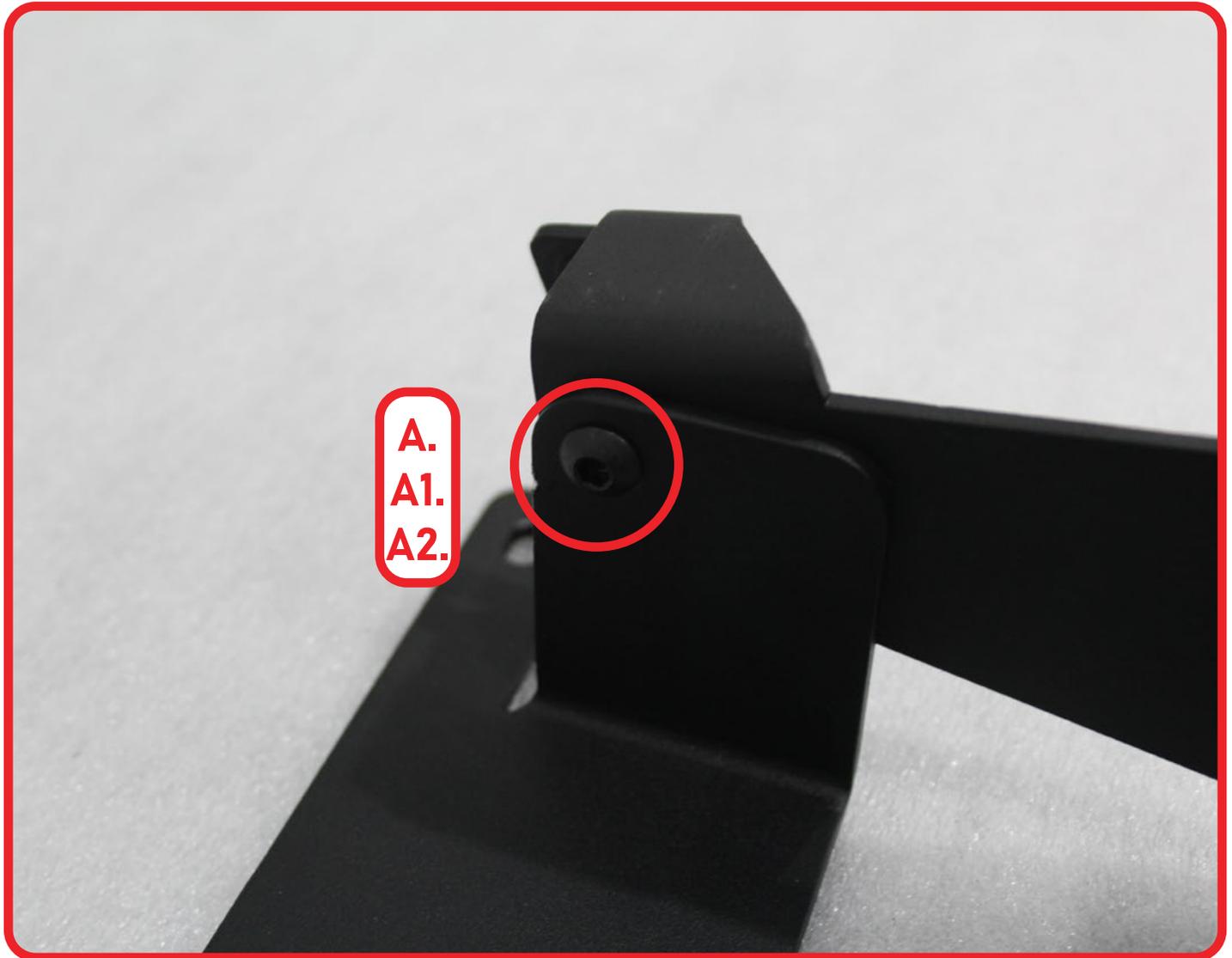


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REMOVAL

□ STEP 21

Using a (5/32 allen) and a (7/16 wrench), install the hardware shown below with the provided **(A, A1, A2)** 1/4-20 X 1" button head bolt, 1/4" flat washer, 1/4-20" nylon lock nut.

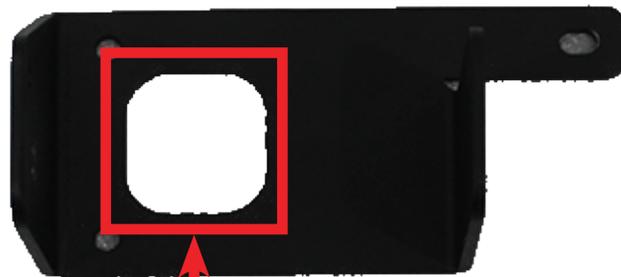
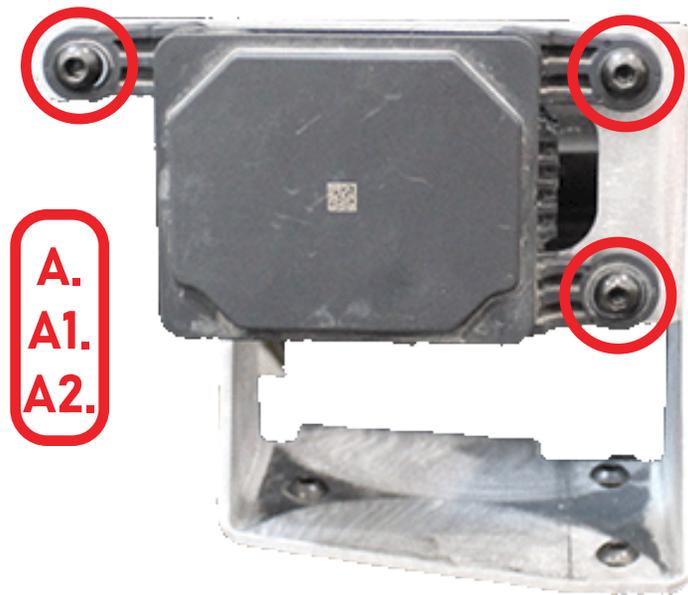


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

REMOVAL

□ STEP 22

Using a (5/32 allen) and a (7/16 wrench), install the adaptive cruise control module as shown below with the provided (A, A1, A2) 1/4-20 X 1" button head bolt, 1/4" flat washer, 1/4-20" nylon lock nut.



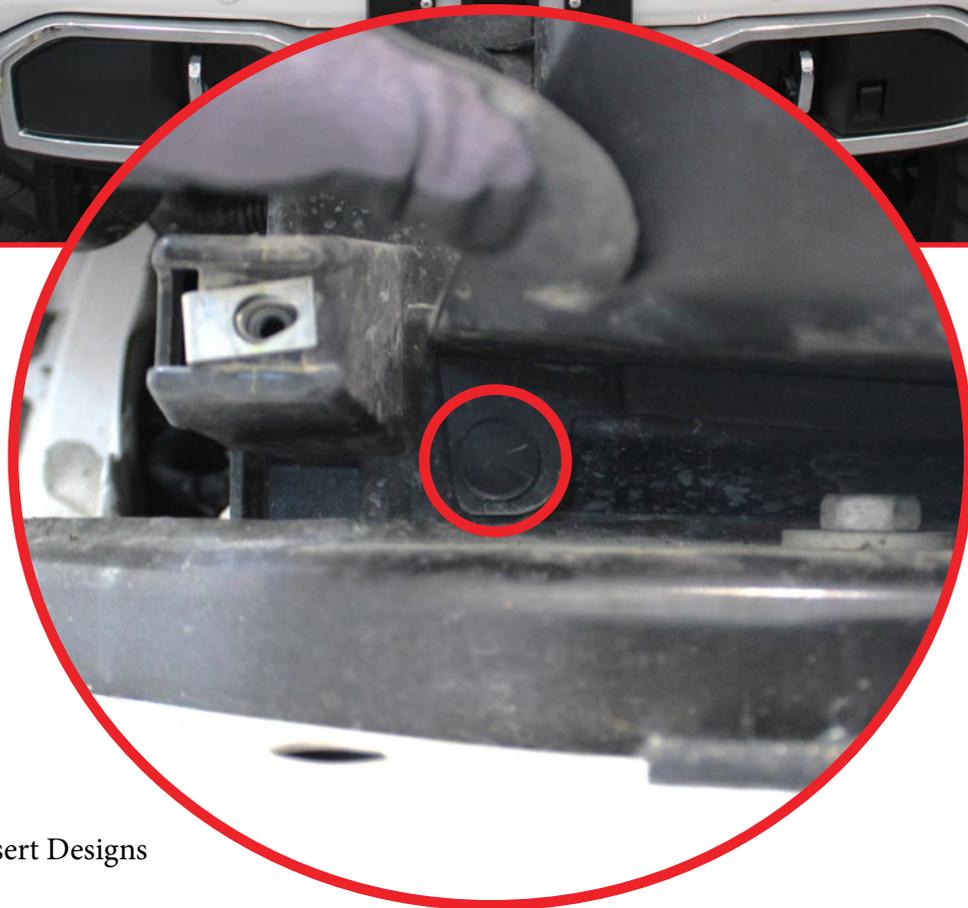
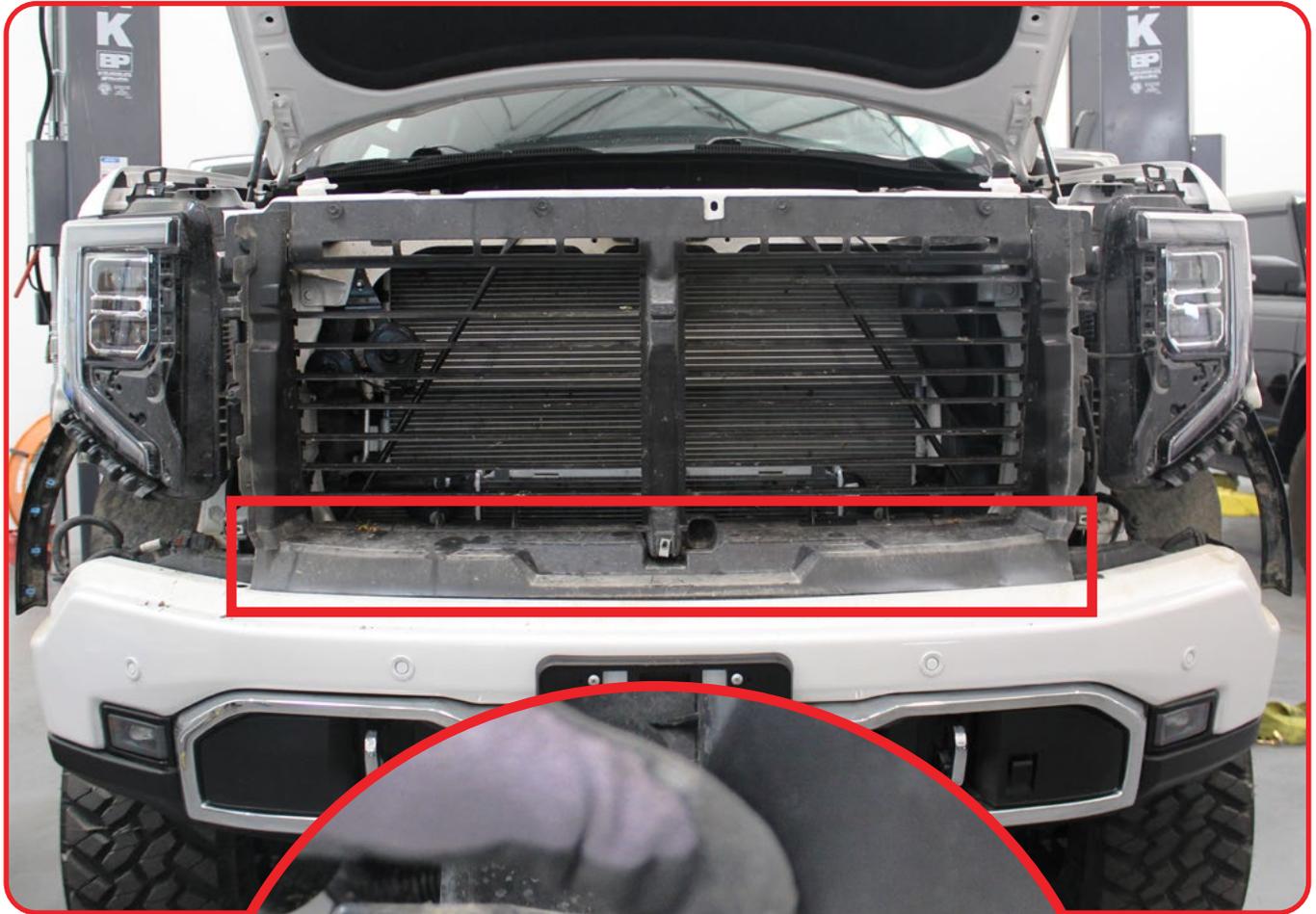
PLUG IN

ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 23

Install the plastic flashing removed from **step 10**.

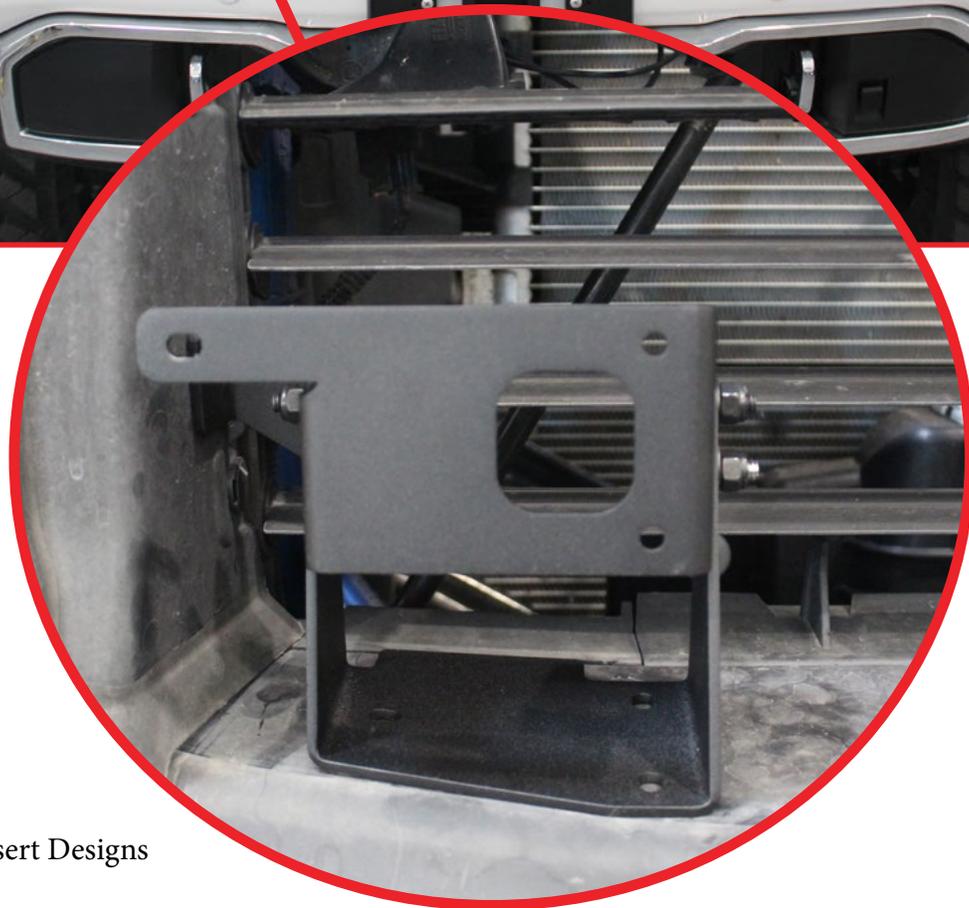
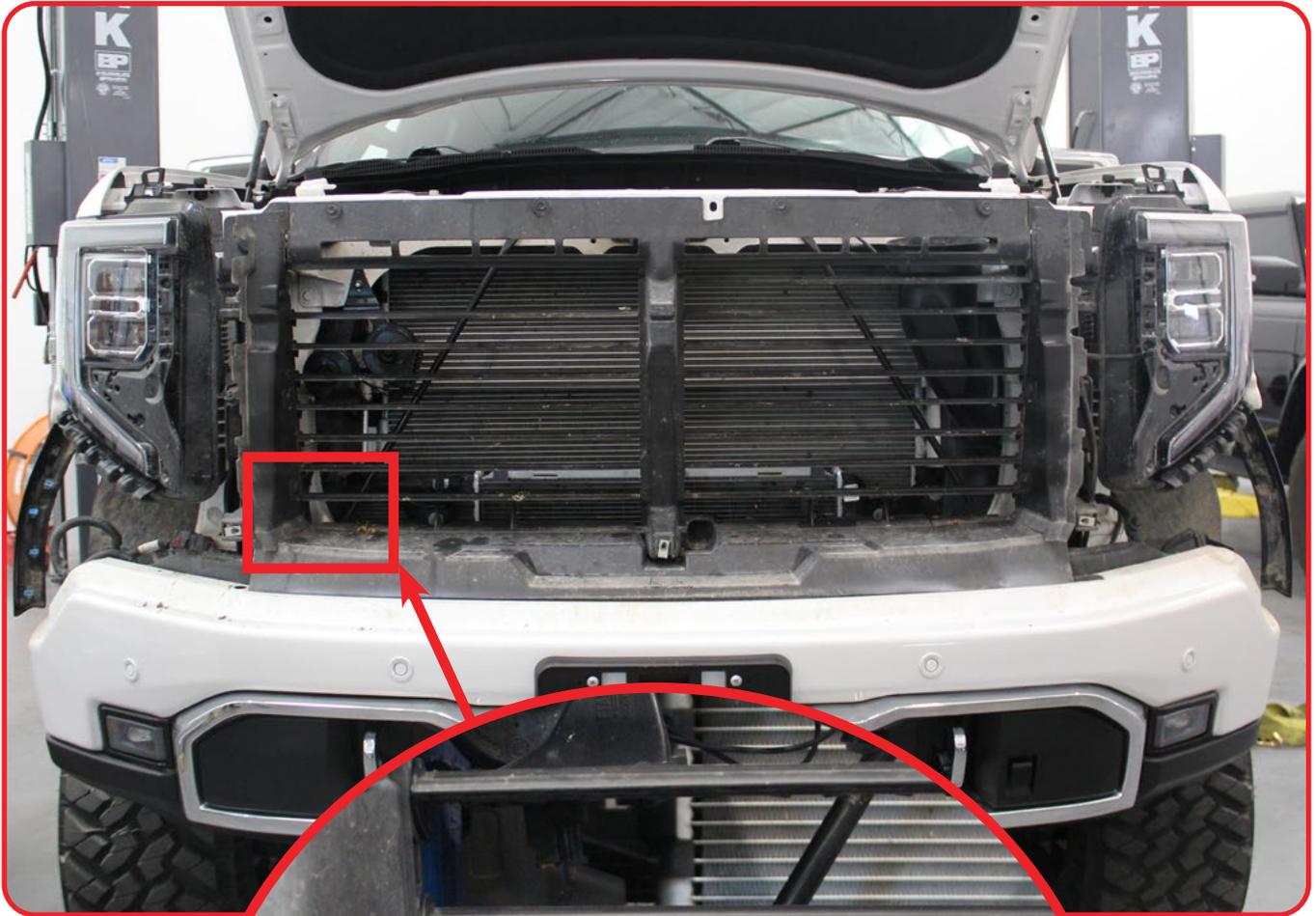


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INSTALL

□ STEP 24

Place the adaptive cruise control bracket on the passenger side corner as shown below.

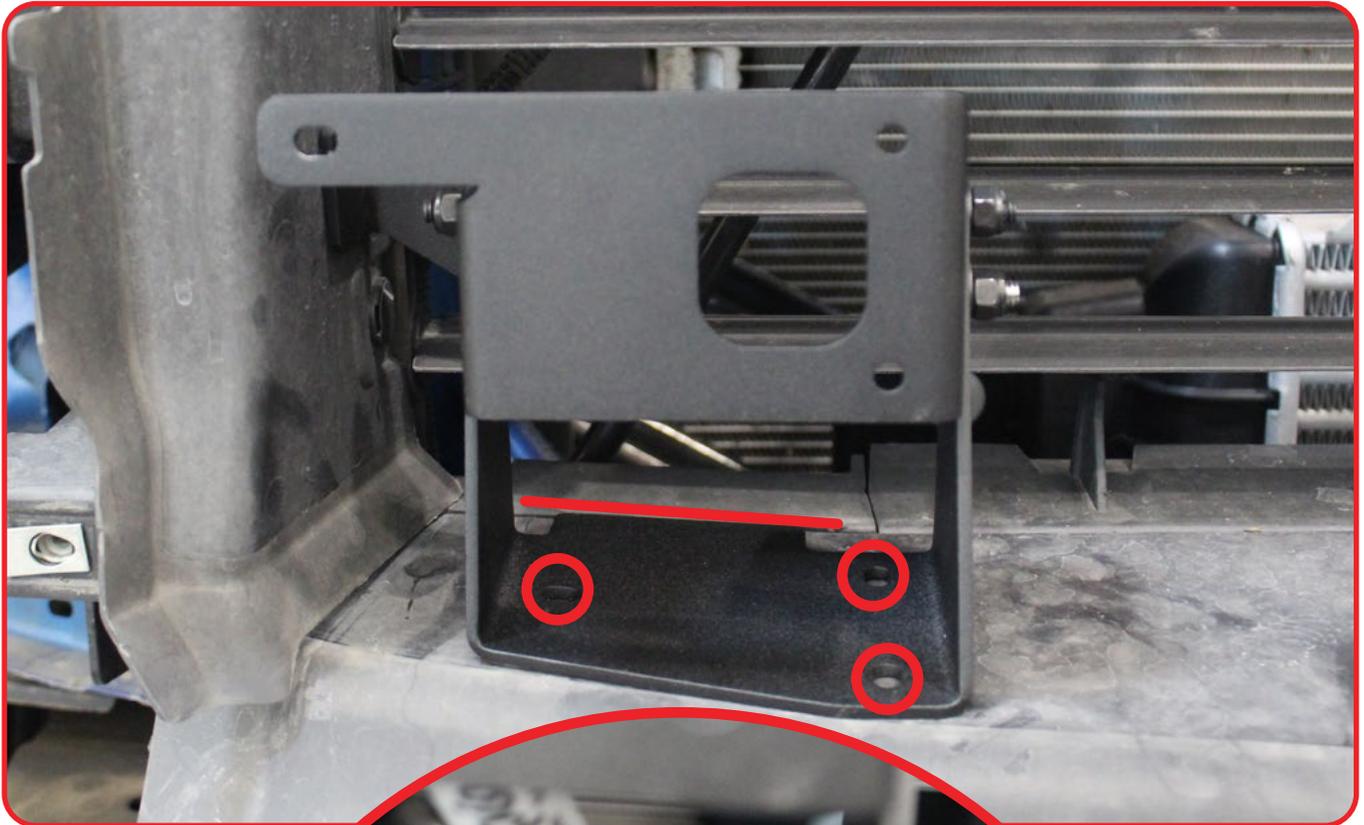


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 25

Mark the holes on the bottom bracket. (Ensure that the backside of the bracket is against the shutter molding)

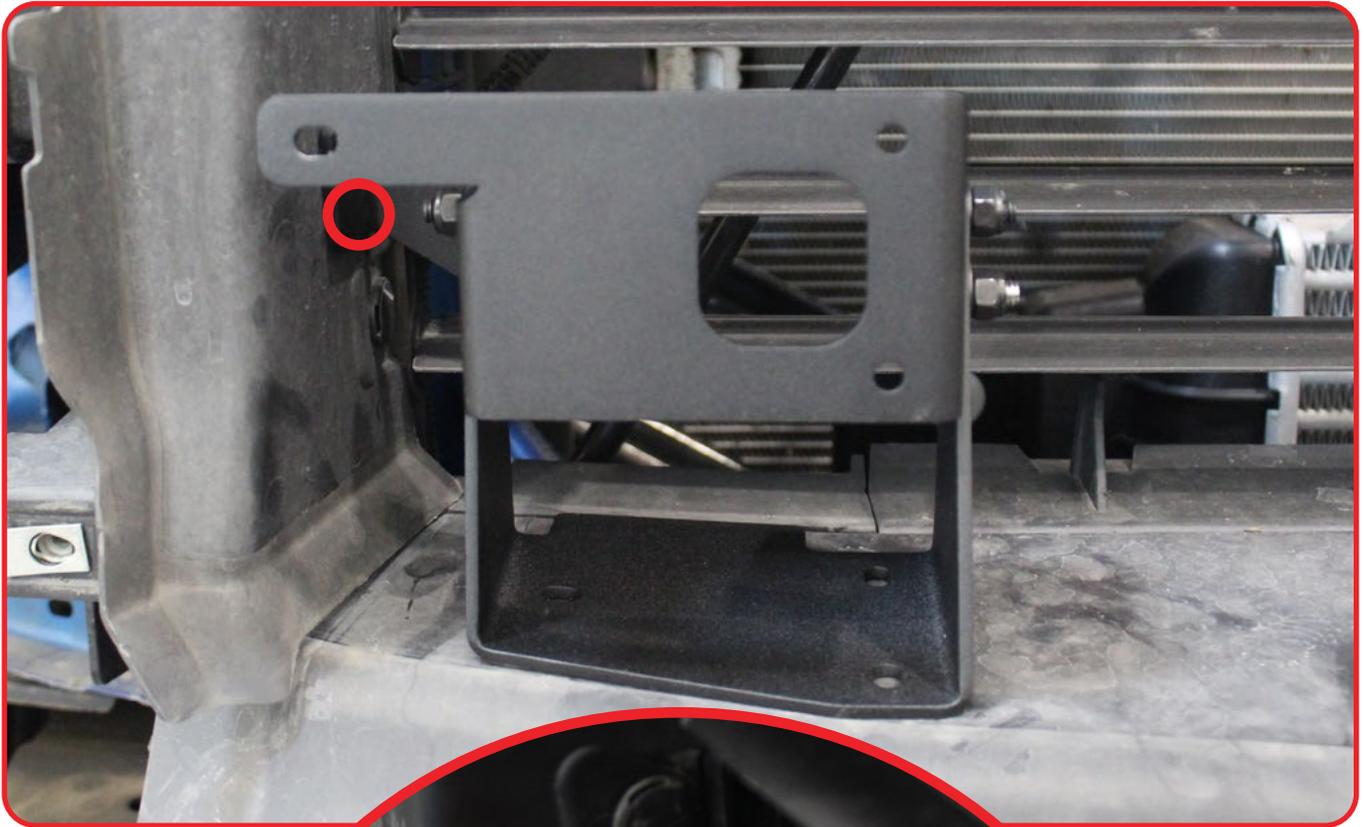


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 26

Mark the top hole as shown below.

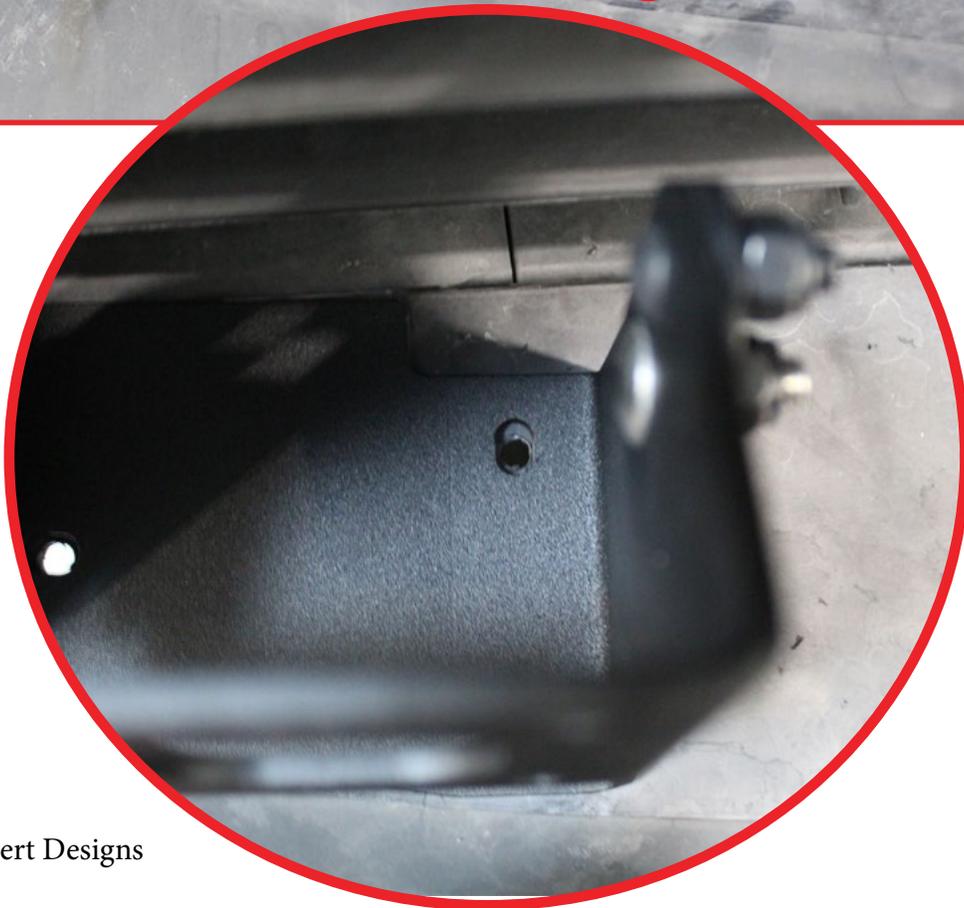
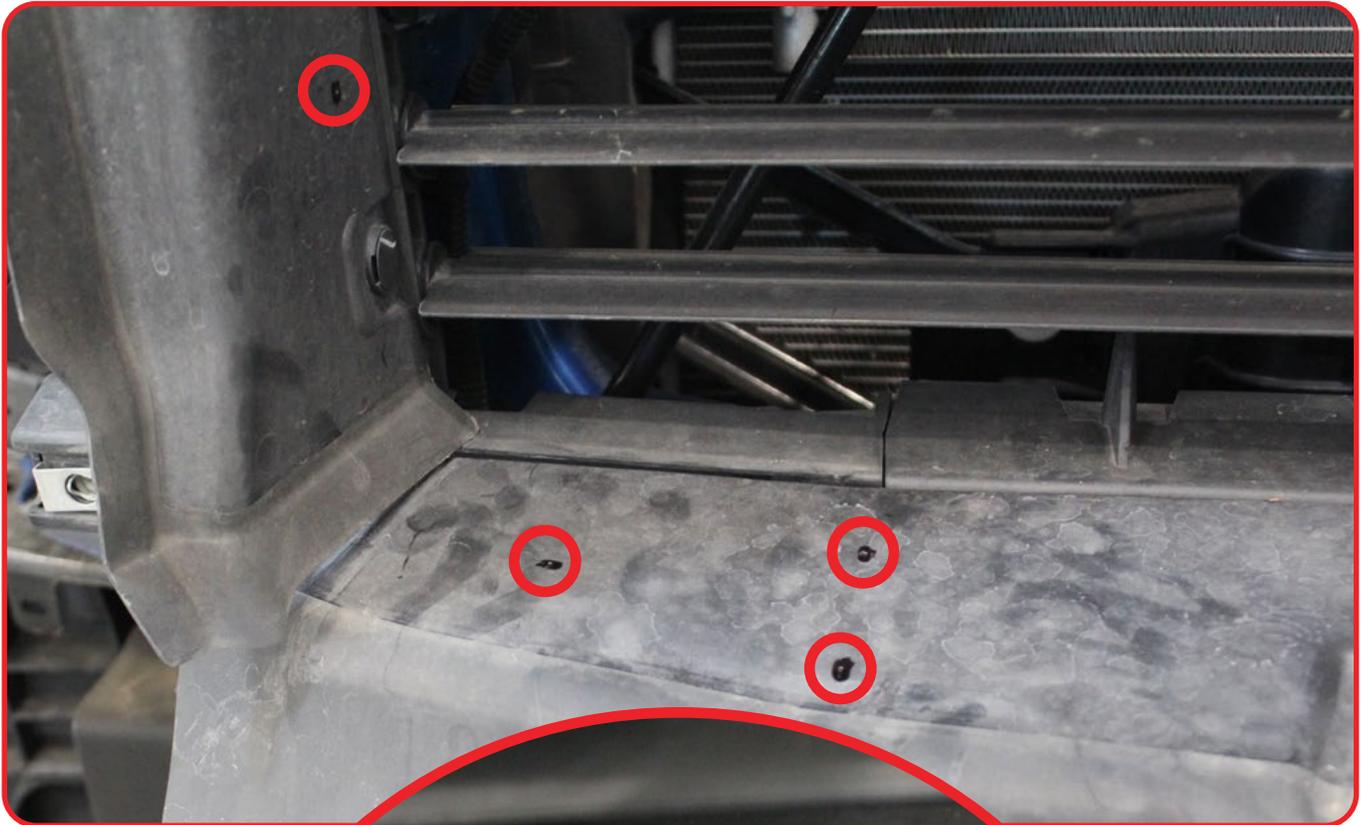


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 27

Using a (3/8 drill bit), drill the holes marked from **steps 25 & 26**.

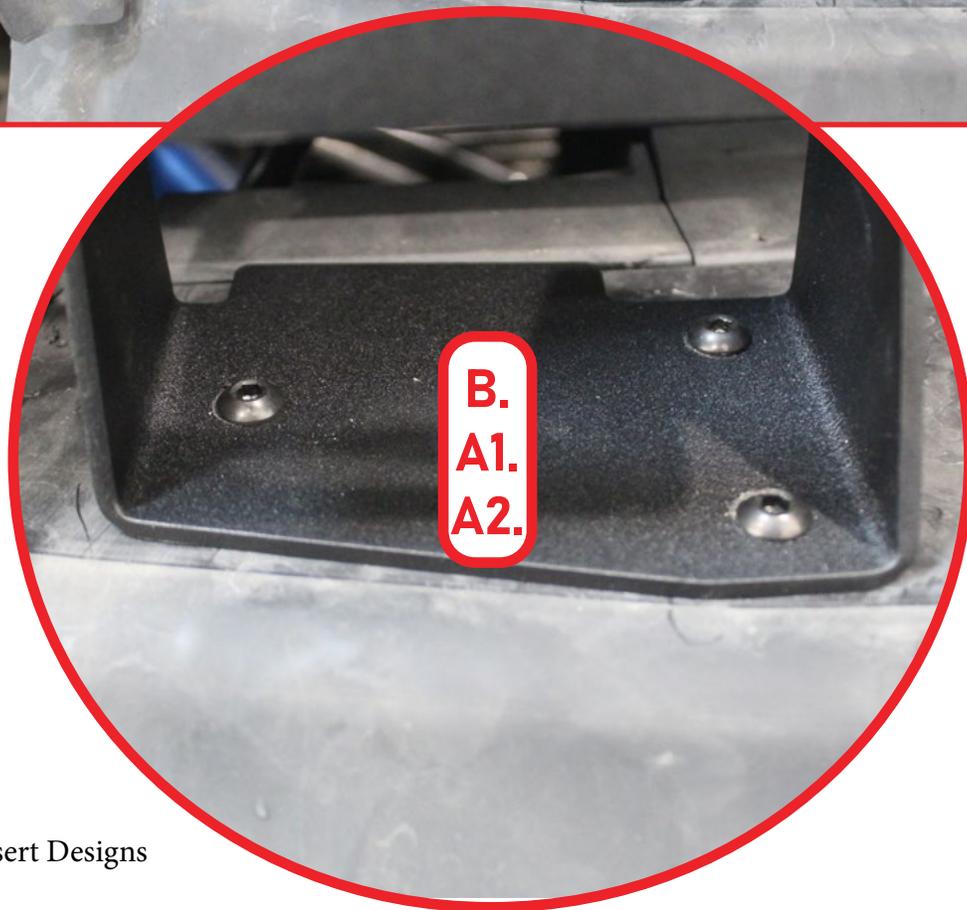
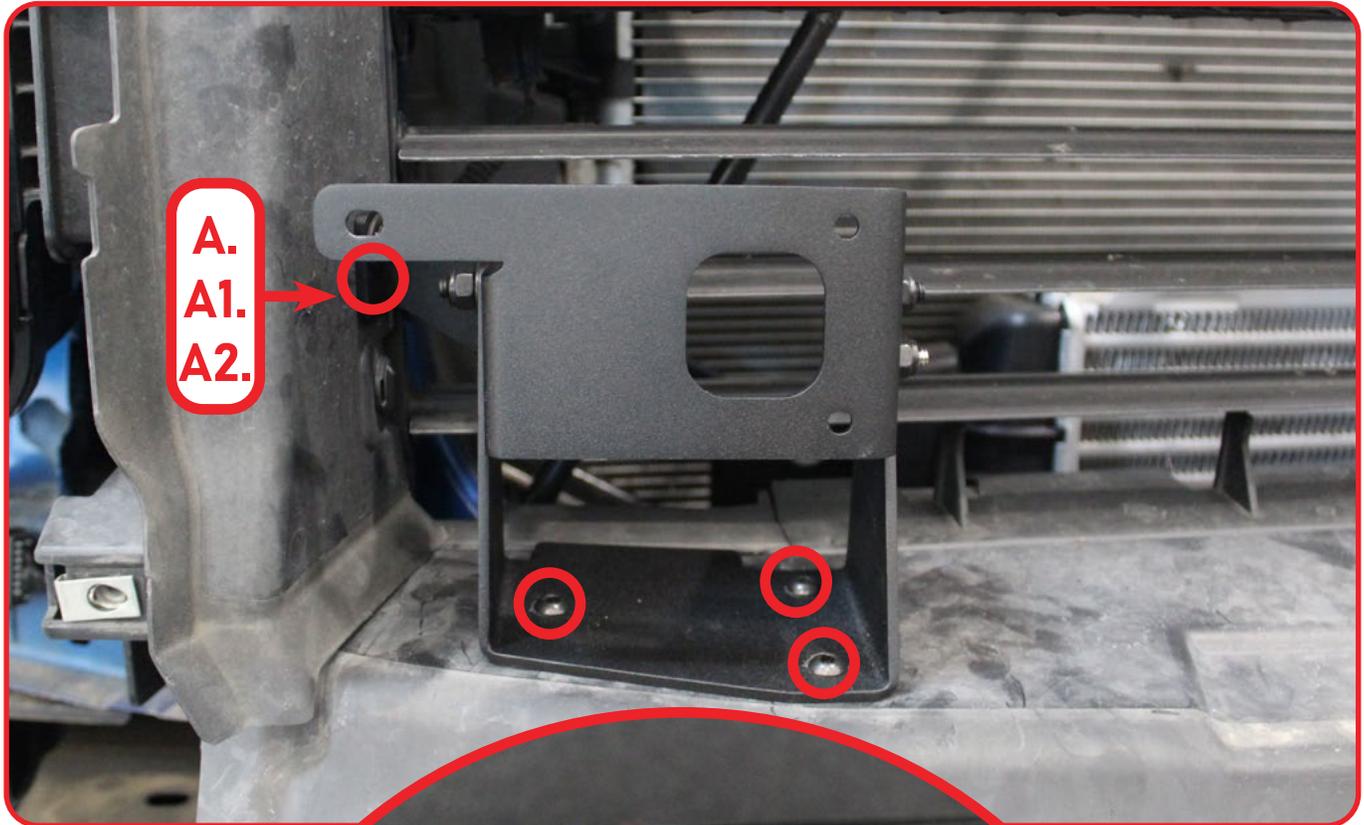


ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 28

Using a (5/32 allen) and a (7/16 wrench), install the adaptive cruise control bracket with the provided **(B, A1, A2)** 1/4-20 X 1" button head bolt, 1/4" flat washer, 1/4-20" nylon lock nut.



ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

INSTALL

□ STEP 29

Using a (angle finder), set your Adaptive Cruise Control module and bracket to **90 degrees** as shown below.



ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

INSTALL

STEP 30

Reinstall the grill and its components by following steps 1 -9.



ADAPTIVE CRUISE CONTROL BRACKET 2021-23/GMC SIERRA 1500

FINAL

□ STEP 31

Stand back and enjoy your new Adaptive Cruise Control Bracket.

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



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