



INSTALLATION GUIDE

2022-24/TOYOTA TUNDRA

BLACK LABEL REAR BUMPER

R76020NA0103



TOOLS REQUIRED

(Allen) 5/32

(Wrench) 8mm, 5/16, 7/16, 9/16, 11/16, 3/8, 7/8, 1/2

(Socket) 8mm, 5/16, 7/16, 9/16, 11/16, 3/8, 7/8, 1/2

Ratchet

Flat Head/Fastener Remover

Needle Nose Pliers

Philipshead

Heat Gun

Razor Blade

Cutting Tools



TIME REQUIRED

- 4 hours for OEM Removal/Bumper Install

-1 Additional Hour to Wire Lights

****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

-Easy/Intermediate

****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

Additive 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

A.



1/4-20 X 1" BUTTON HEAD BOLT

QTY: 2

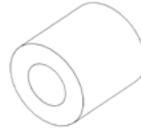
B.



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

QTY: 2

C.



1/2 SPACER

QTY: 2

C1.



1/4 SPACER

QTY: 2

D.



1/4" FLAT WASHER

QTY: 4

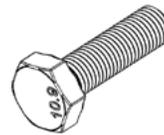
D1.



1/4-20" NYLON LOCK NUT

QTY: 4

E.



M10-1.25 X 35MM HEX BOLT

QTY: 2

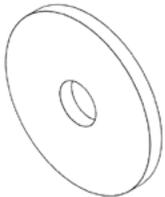
F.



3/8-16 X 1" HEX HEAD BOLT

QTY: 6

G.



3/8" FENDER WASHER

QTY: 10

G1.



3/8-16" U-NUT

QTY: 4

G2.



3/8-16" NYLON LOCK NUT

QTY: 2

H.



3M DOUBLE SIDED TAPE 1X1

QTY: 4

I.



1/4" SNAP IN NUT

QTY: 2

J.



1/4 X 3/4" HEX HEAD BOLT

QTY: 2

SENSOR GROMMETS SUPPLIED FOR NON SENSOR TRIMS



3/4" RUBBER SENSOR GROMMET
QTY: 4



3/4" PLASTIC SENSOR GROMMET PLUG
QTY: 4



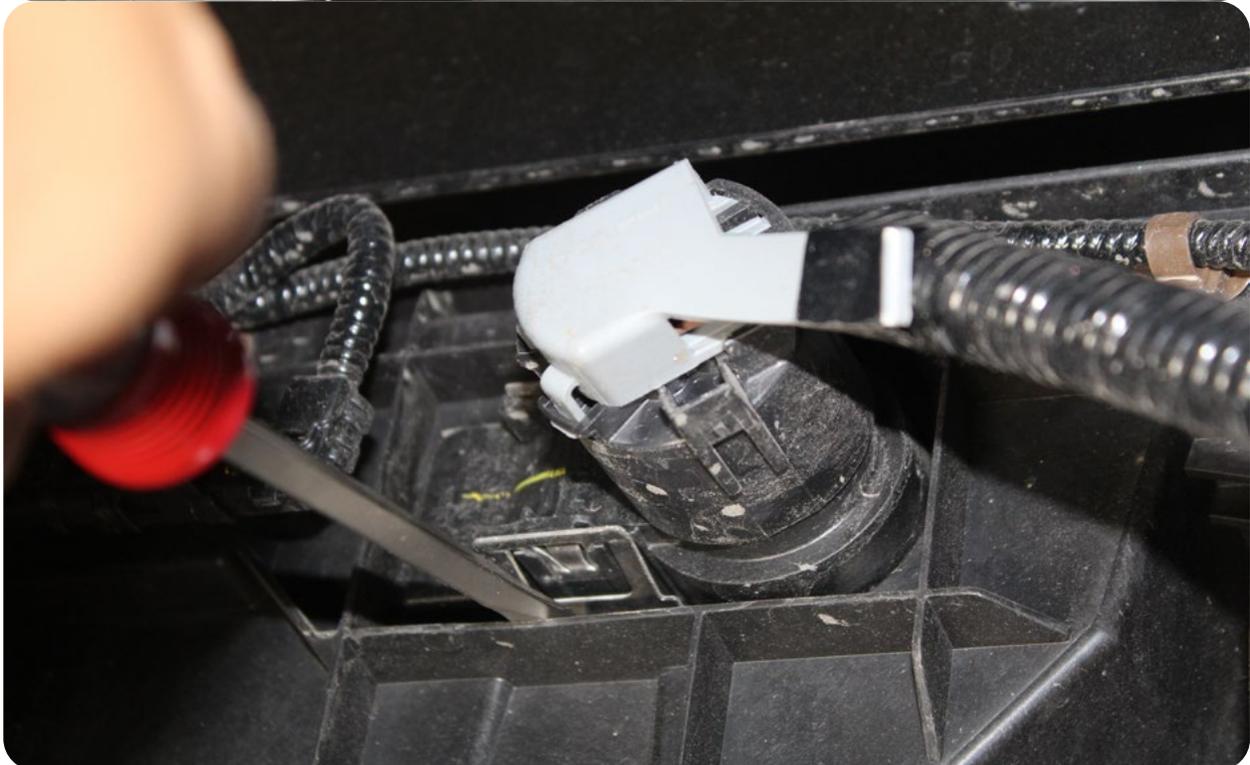
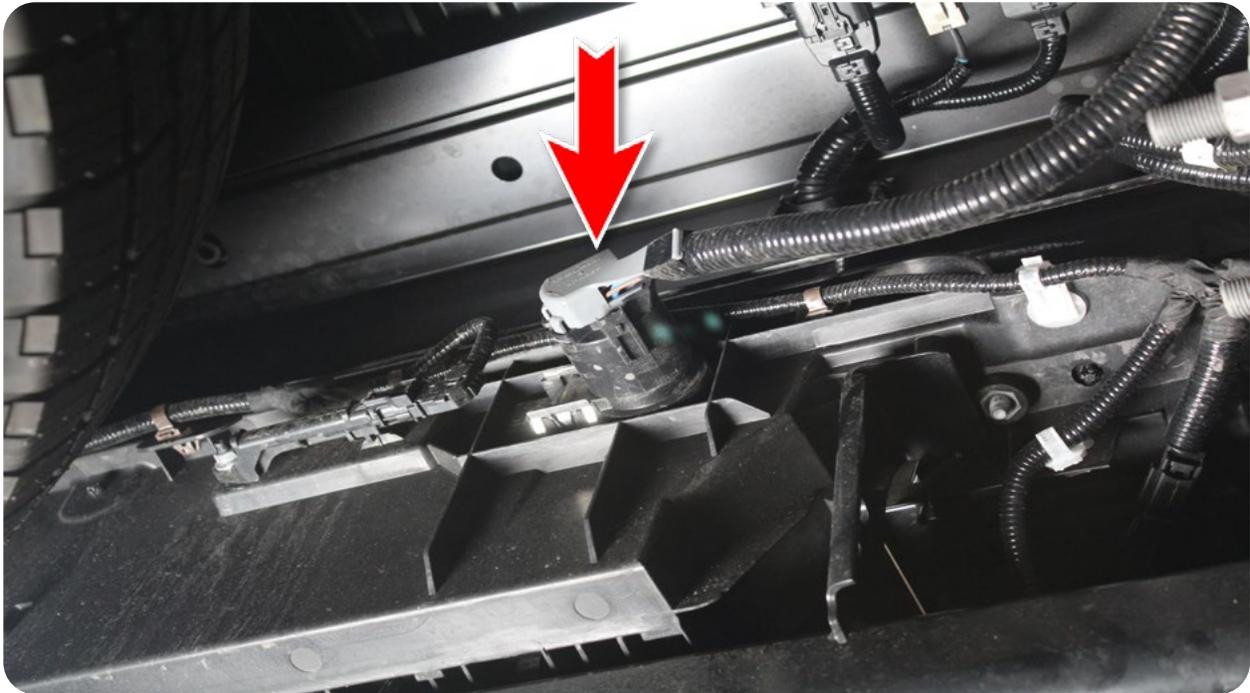
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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 1

Unplug/remove the trailer plug on the backside of the bumper using a (flathead screwdriver) to release clips.





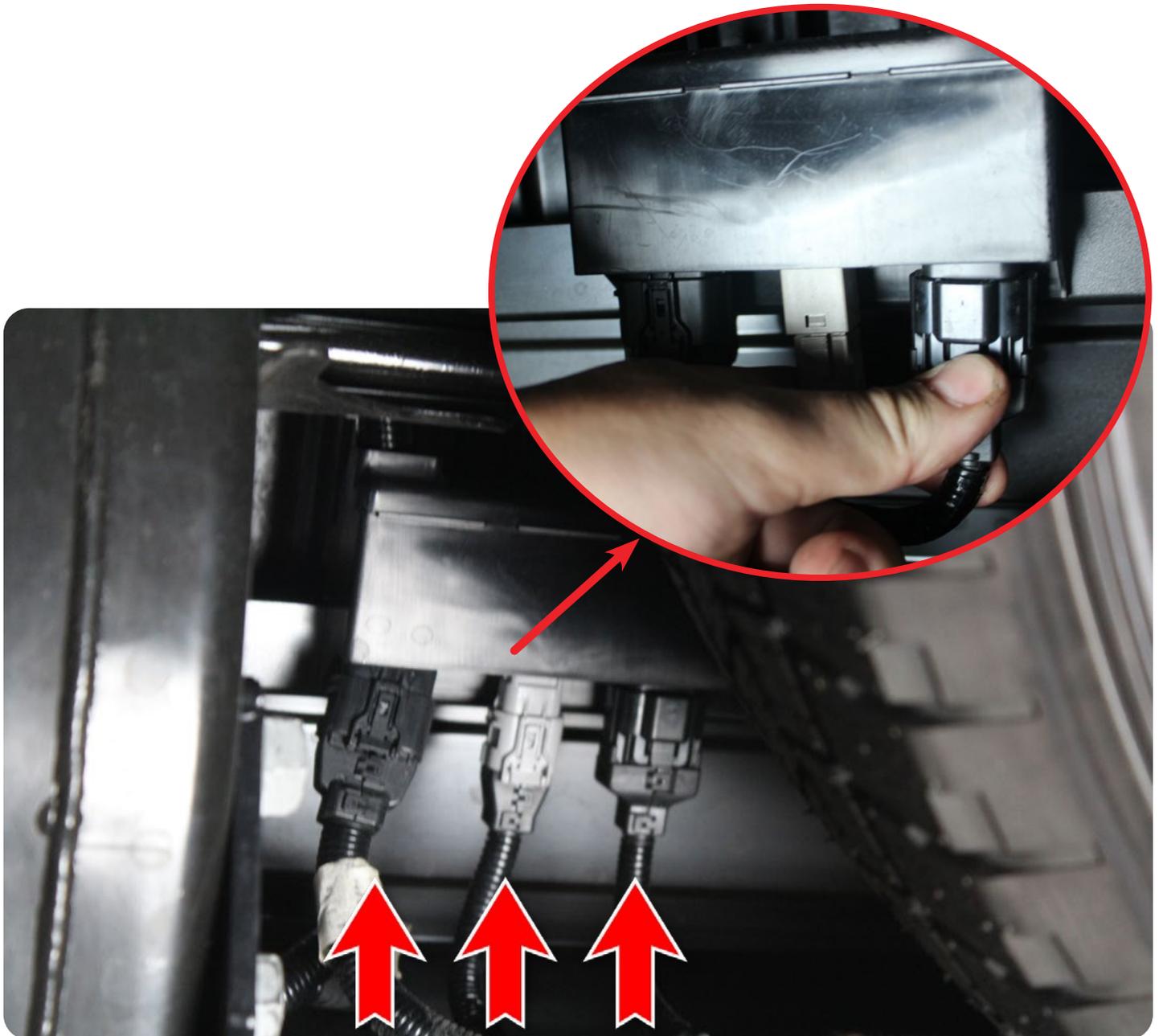
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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

STEP 2

Depress and pull all three plugs on the wiring harness located underneath the bed on the passenger side of the spare tire.





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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 3

Remove all three retainer clips under the side panel with (fastener remover/flathead). Repeat on other side. ****Keep these as they will be reused later in install****



BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 4

Carefully release rear corner panels with (trim removal tool). (Repeat on other side) ****Do not fully remove corner panels****



BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 5

Unplug blind spot sensors to free the harness. Depress the tab to unplug the sensor and remove the wire loom clip located on the arrow. (Repeat on other side)

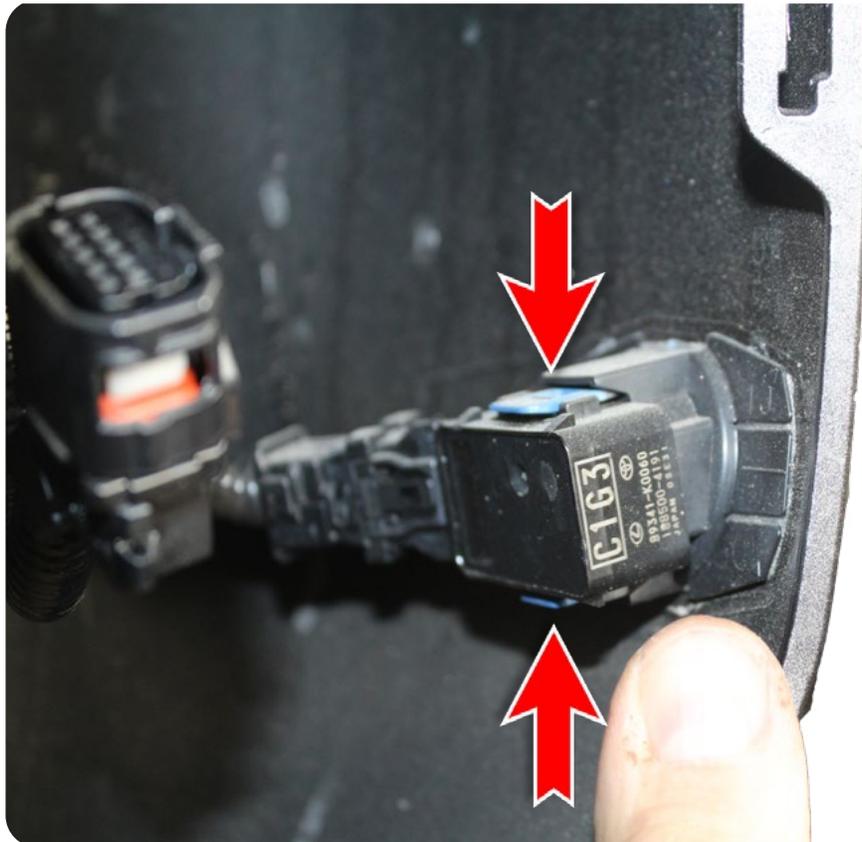
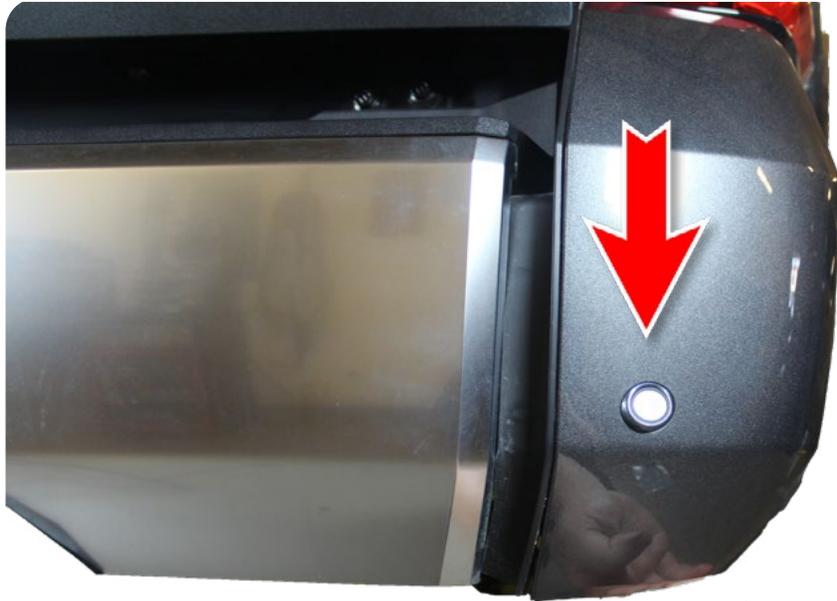


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 6

Release parking sensors from bezel. (Repeat on other side) ****DO NOT pry tabs hard due to breakage****



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REMOVAL

□ STEP 7

Remove the wire loom clip using (needle nose pliers) to free the harness from the body. (Repeat on other side)



BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 8

Use a (7/8 wrench and 7/8 socket) to remove the hitch bolts. ****This will release the hitch, be sure to have a second hand**** ****Keep OEM hardware as they will be reused later in install****





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REMOVAL

STEP 9

Hitch and bumper will come off together.

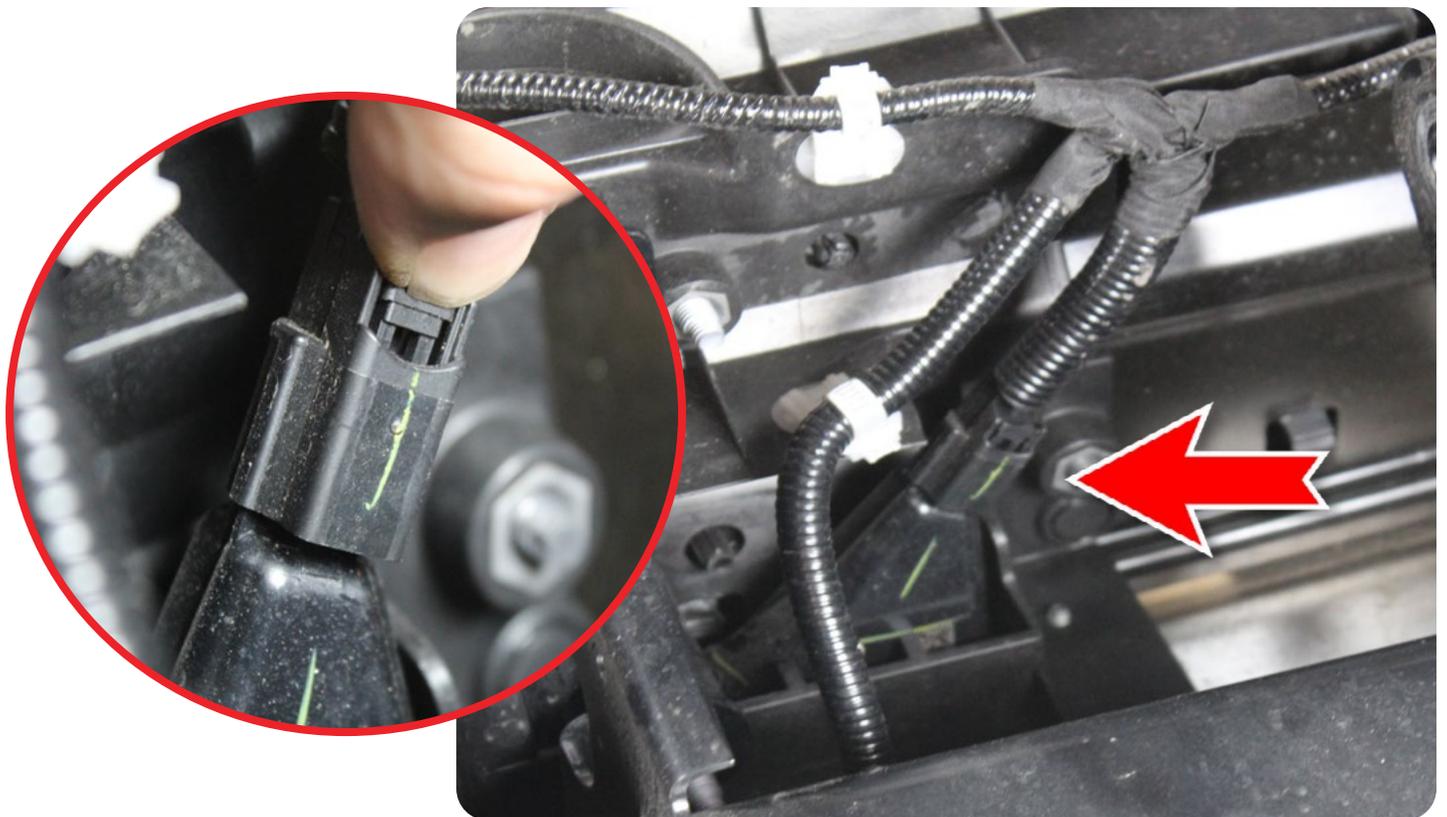


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 10

Depress tab and pull to release license plate light plug.



BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 11

Using a (3/8 socket) remove the key less entry antenna.

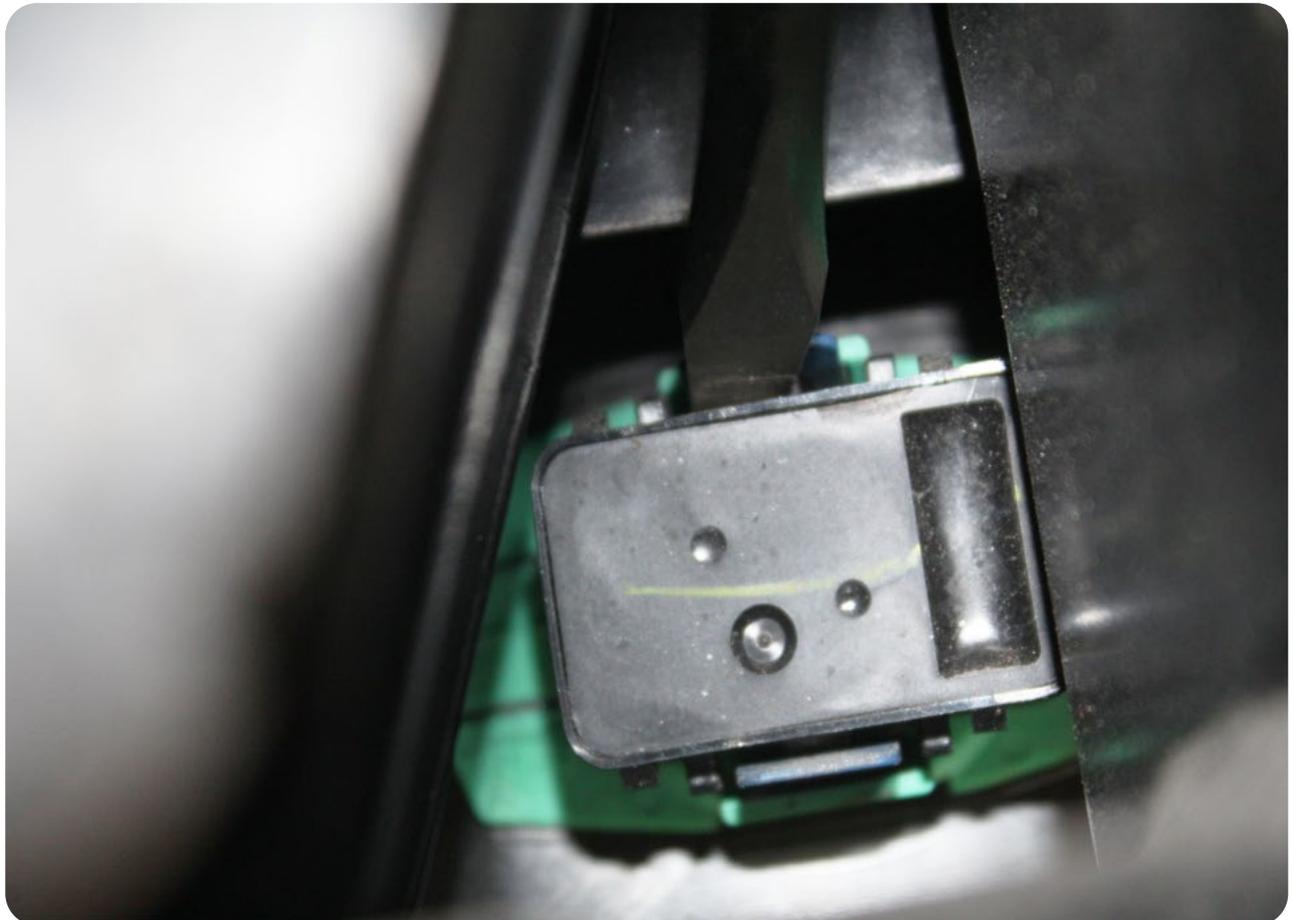


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 12

Release parking sensors from bezel. (Repeat on other side) ****DO NOT pry tabs hard due to breakage****



BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 13

Remove all wiring loom clips with (needle nose pliers) from the stock bumper.





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REMOVAL

STEP 14

Set wiring harness aside. ****Remember the orientation of the harness for this will be important for install****



PASSENGER



DRIVER



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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 15

Using your (trim removal tool) remove plastic caps on both sides.

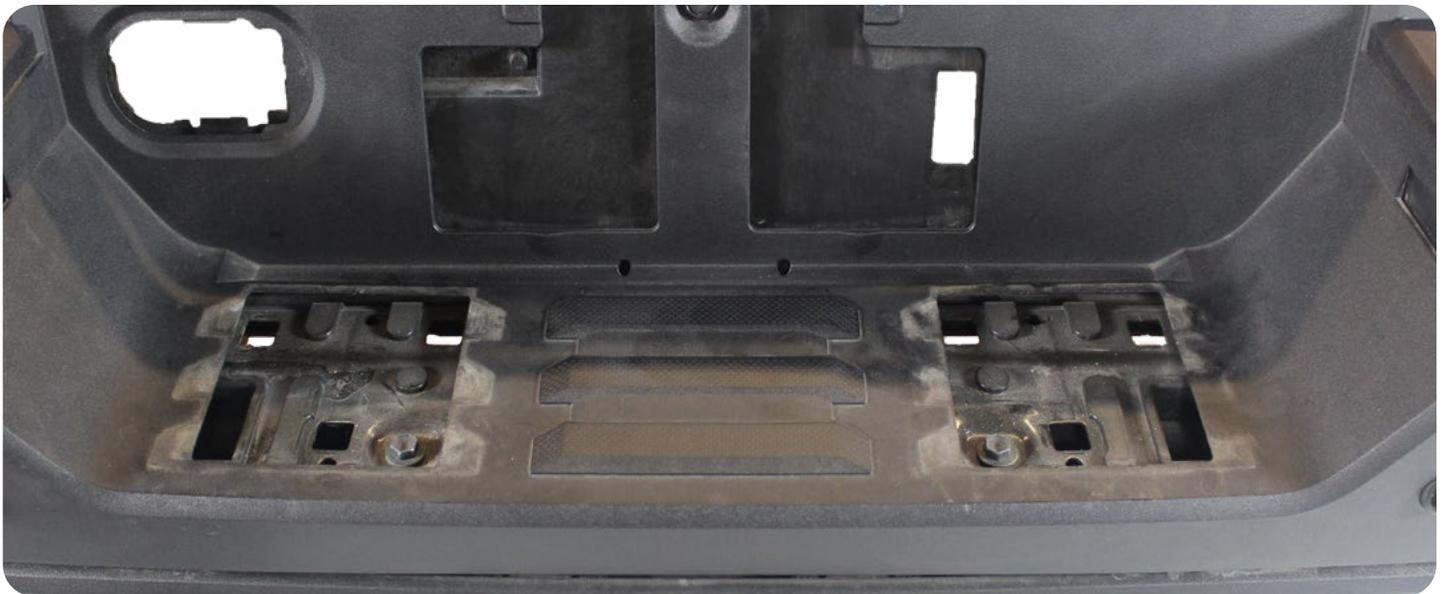




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REMOVAL





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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

STEP 16

Remove top plastic panels by using a (fastener remover/flathead). (repeat on other side)

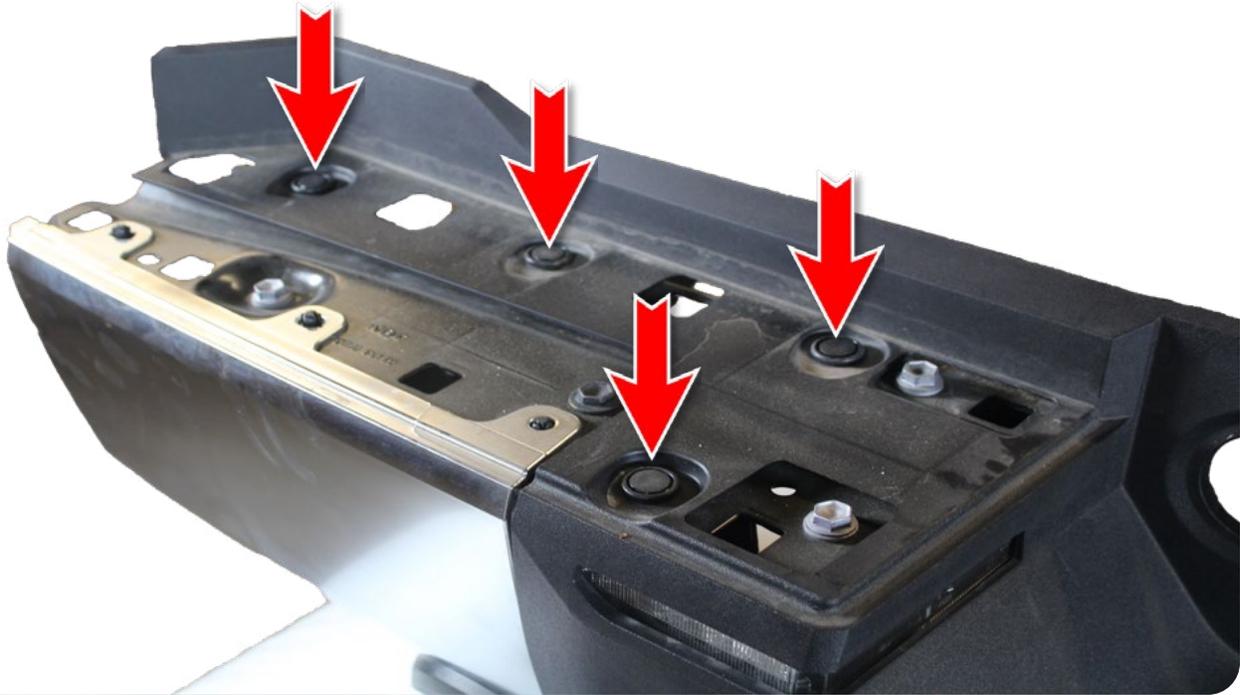


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 17

Use your (fastener remover/flathead) to remove retainer clips. (Repeat on other side)





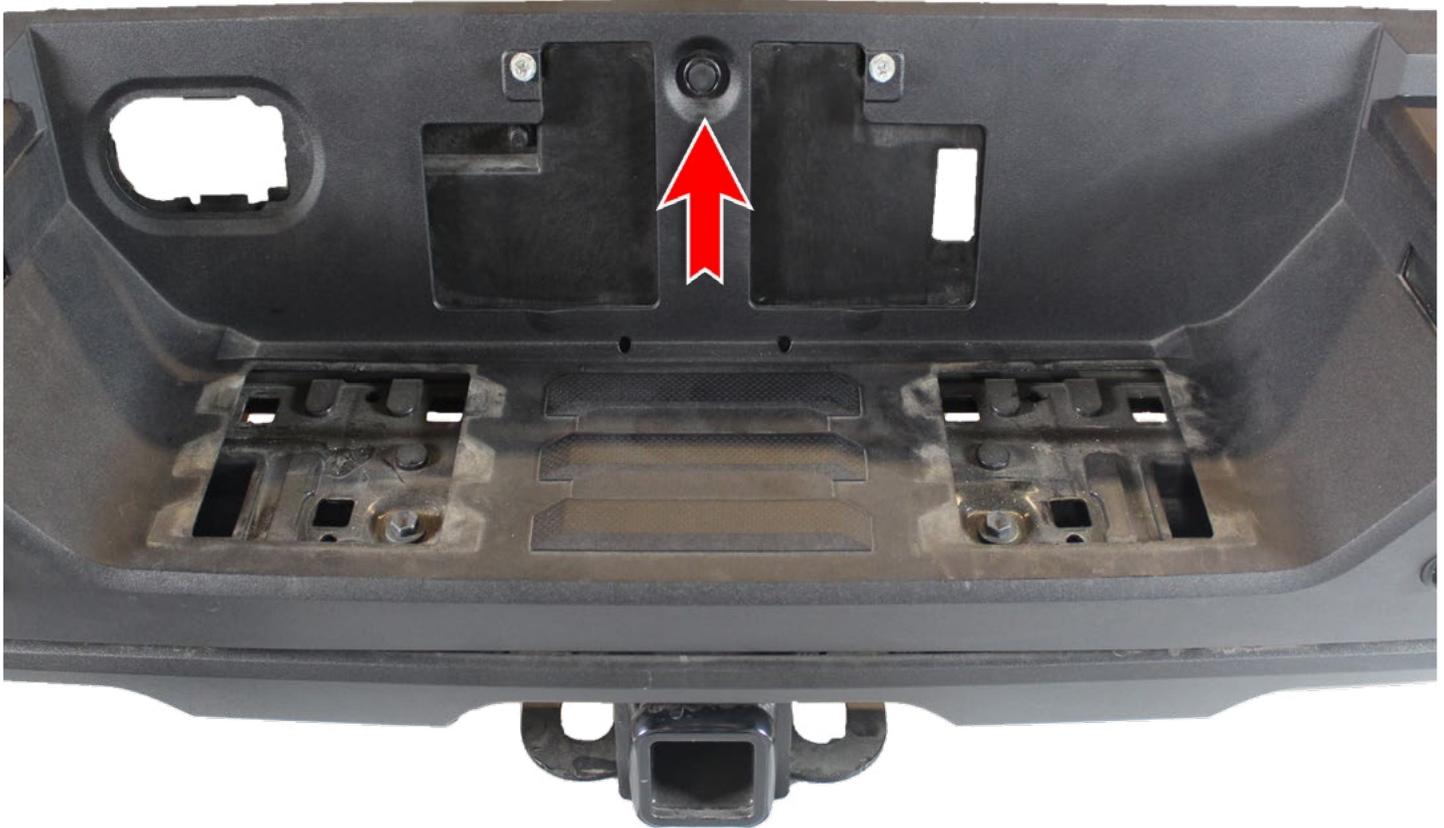
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BLACK LABEL REAR BUMPER
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REMOVAL

STEP 18

Remove retainer clip with (fastener remover/flathead screwdriver).



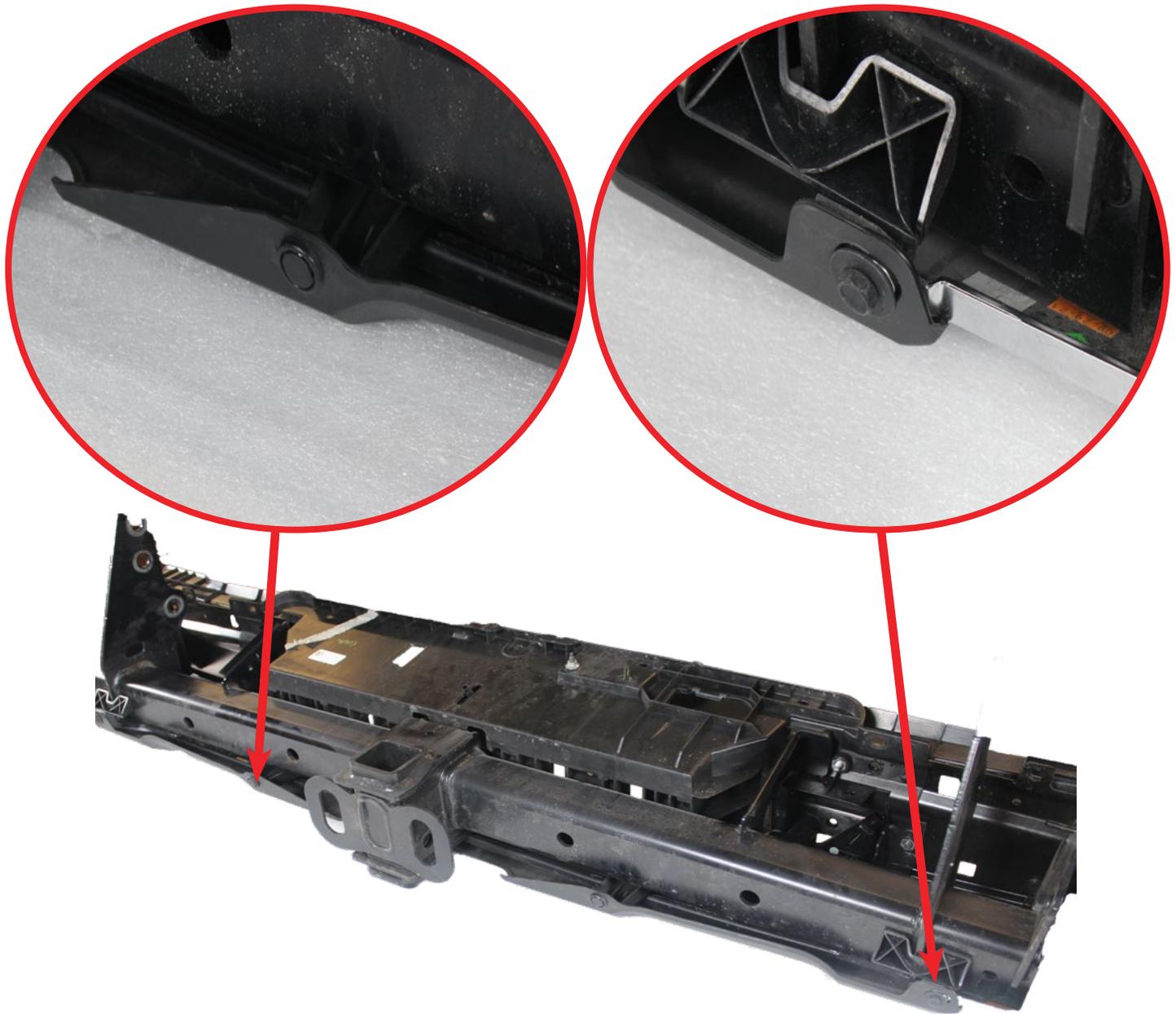


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 19

Remove retainer clips with (fastener remover/flathead screwdriver) and use a (5/16 socket) to remove bolts from the bottom of the hitch.





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REMOVAL

STEP 20

You can now completely remove top plastic from the hitch.





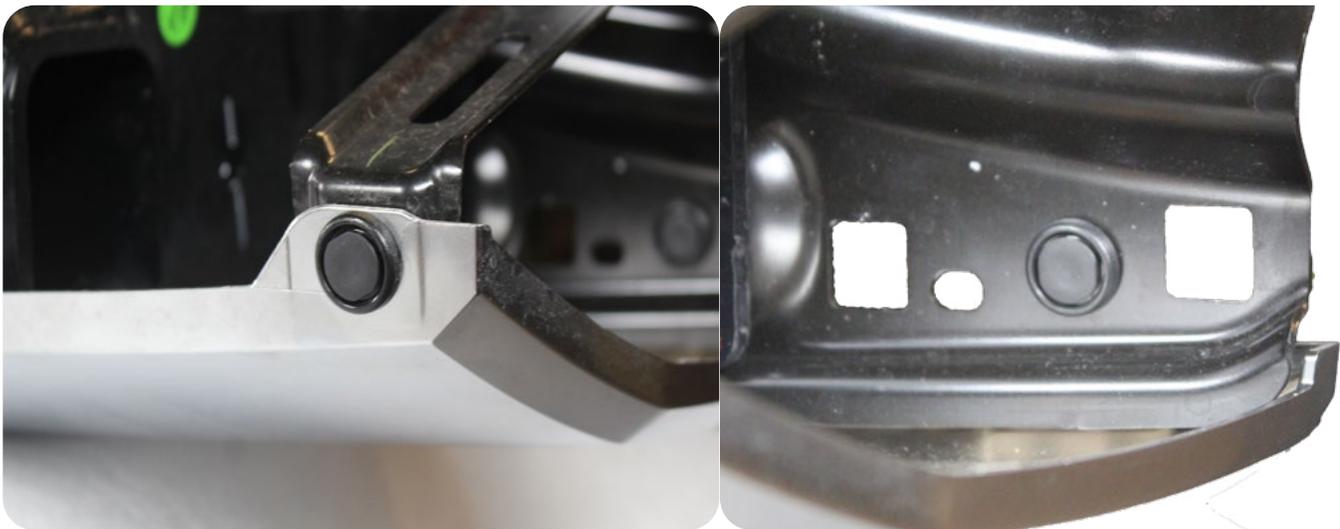
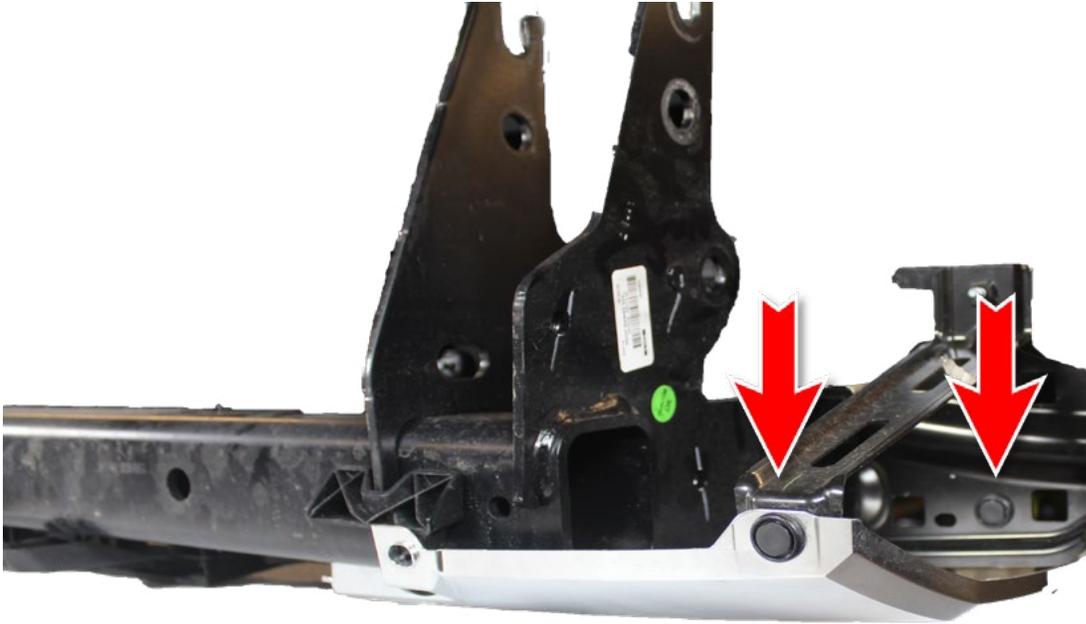
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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 21

Use your (fastener remover/flathead screwdriver) to remove the retainer clips from underneath bumper. (Repeat on other side)





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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

STEP 22

Use a (1/2 socket) to remove the bolts on top and middle of the bumper to release plastic from hitch.

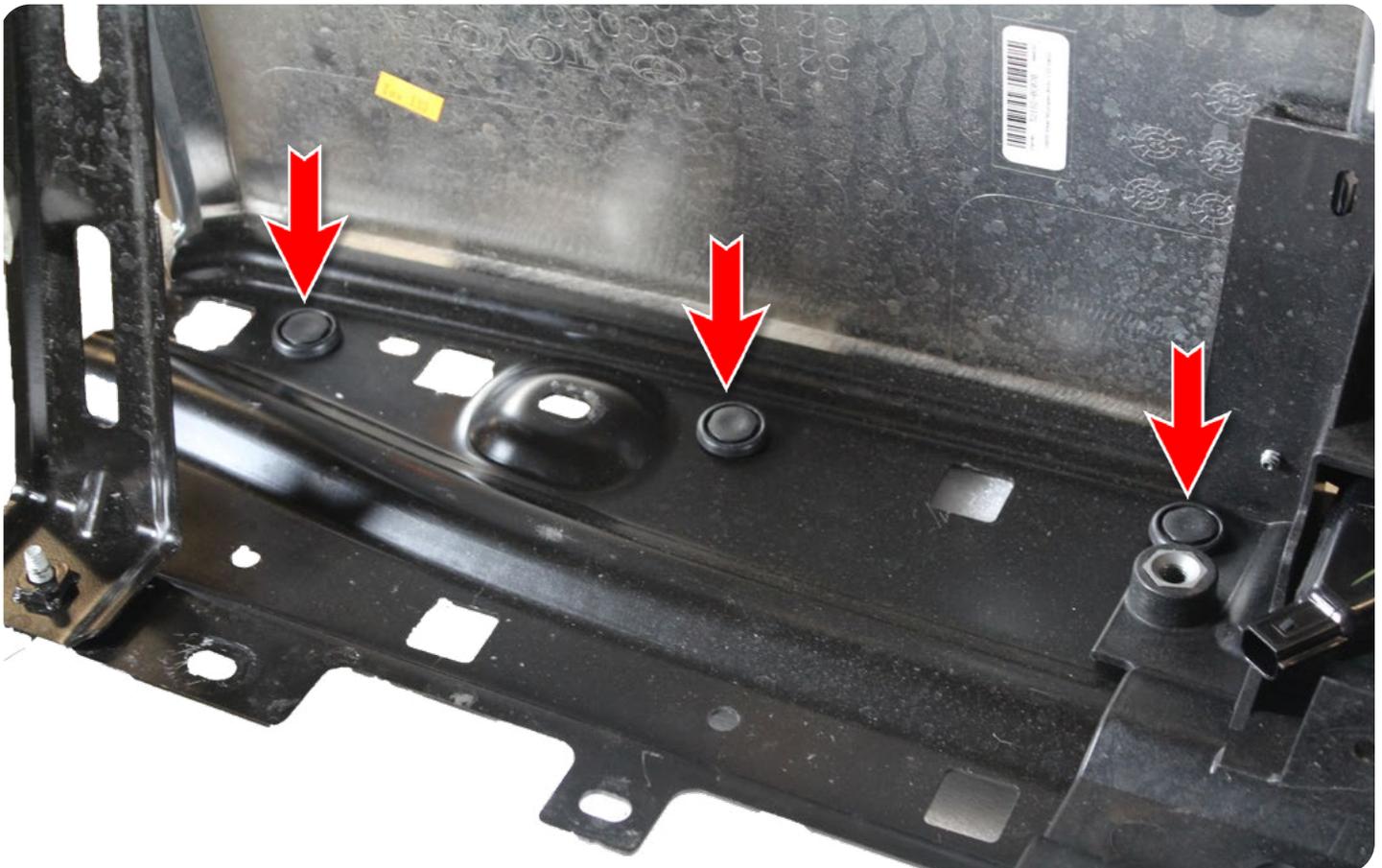


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 23

Remove the retaining clips using a (fastener remover/flathead screwdriver) from underneath the bumper.

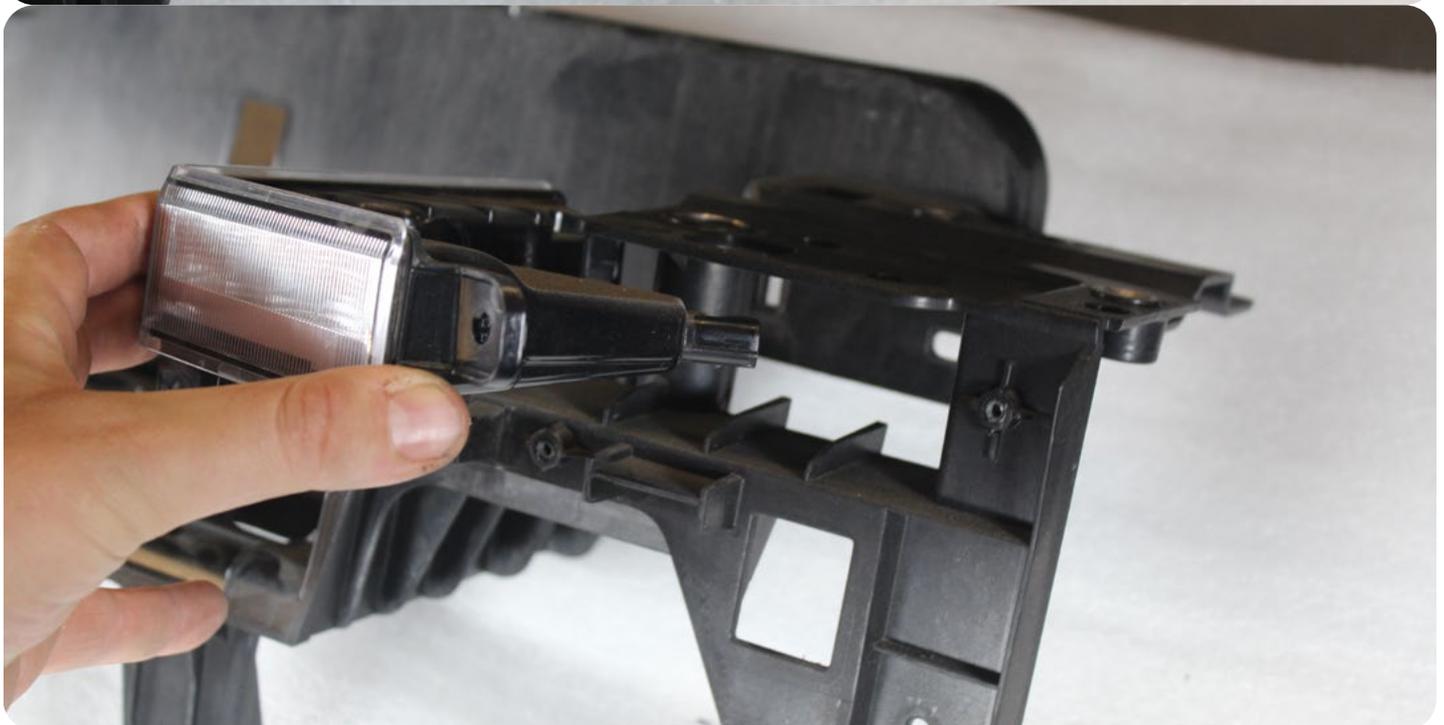
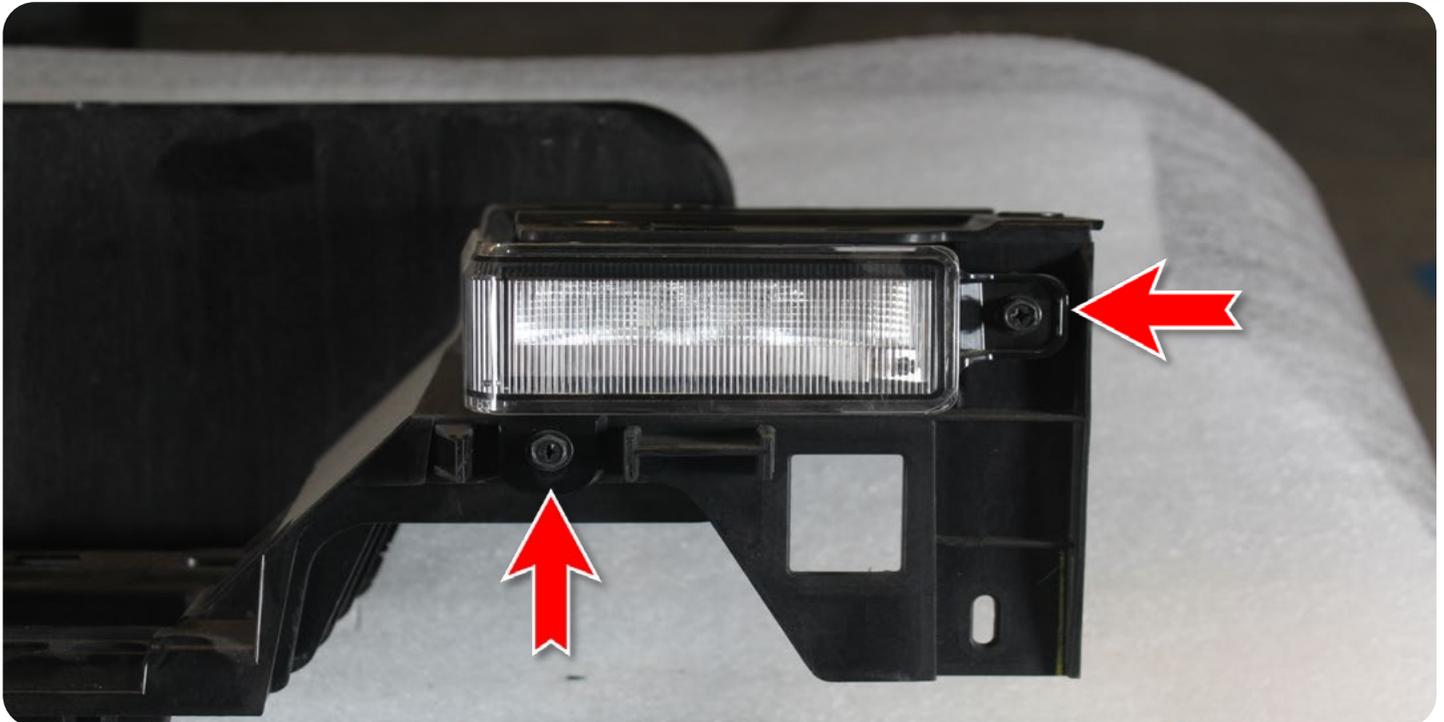


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

REMOVAL

□ STEP 24

Using a (8mm socket/Philips head screwdriver) remove the screws for license plate light. (Repeat on other side)

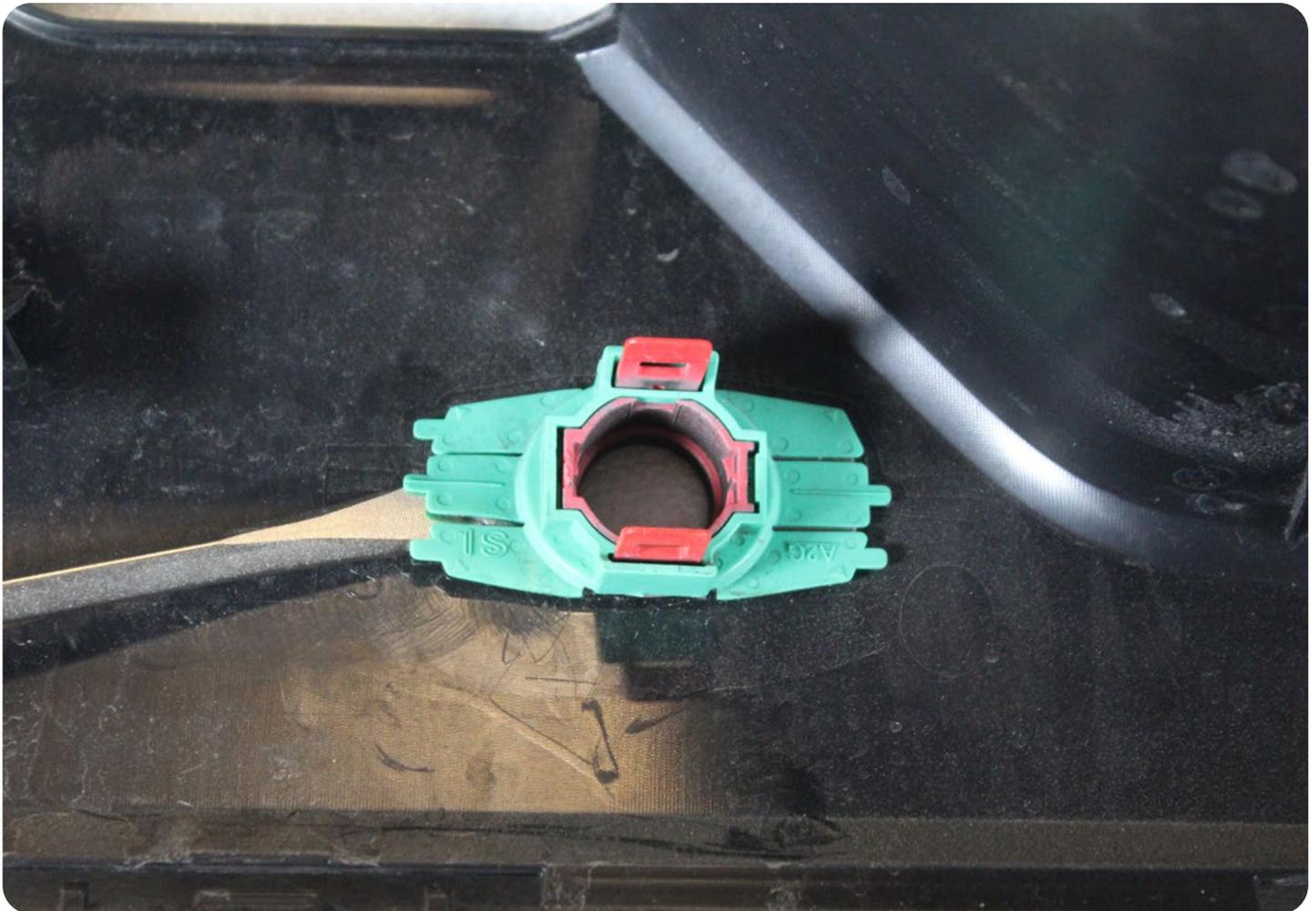
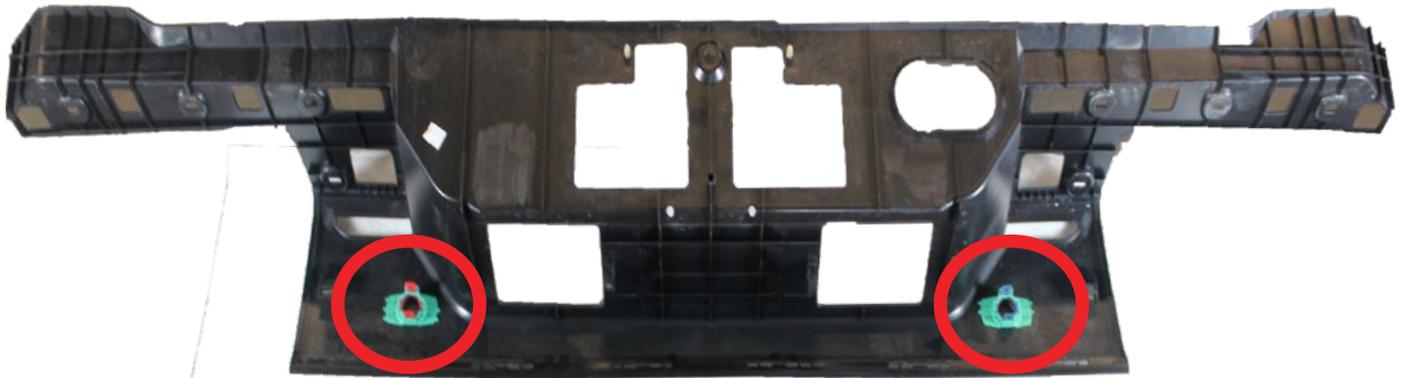


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

STEP 25

Using a (flathead screwdriver) remove the sensor bezels. ****Be careful not to break tabs on top****

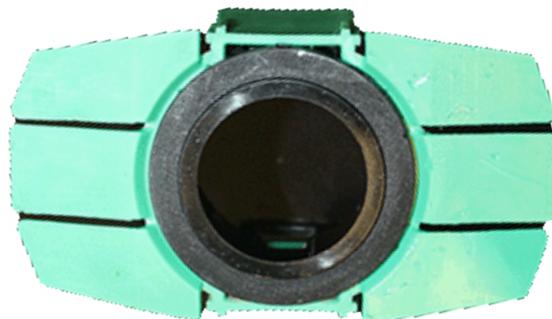


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

STEP 26

Remove double sided tape from the bezel until the surface is clear of residue.

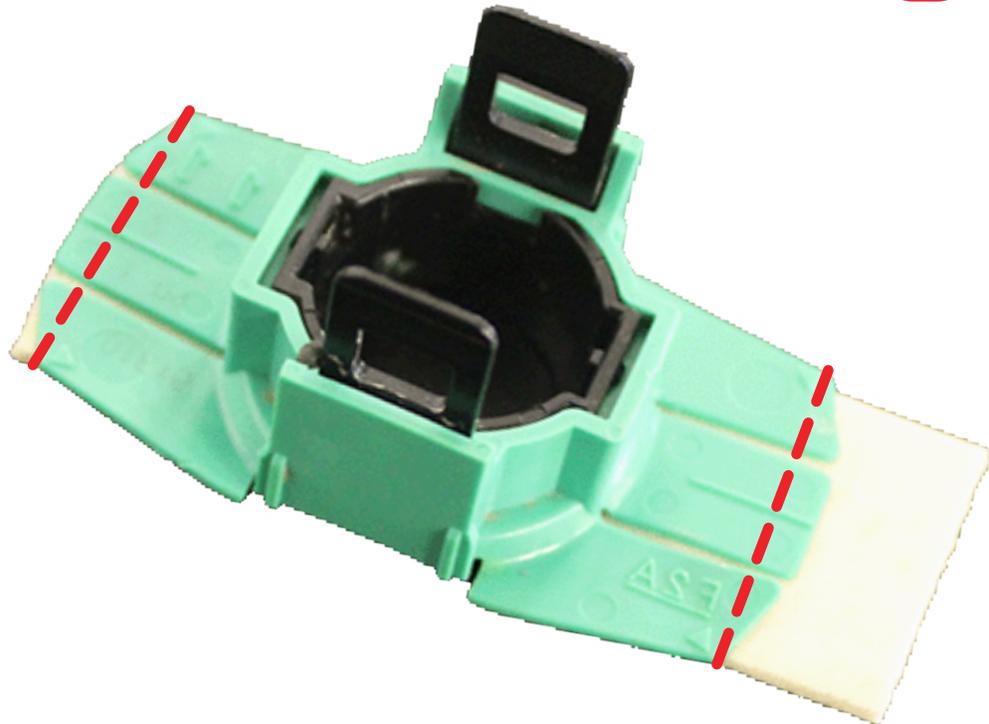
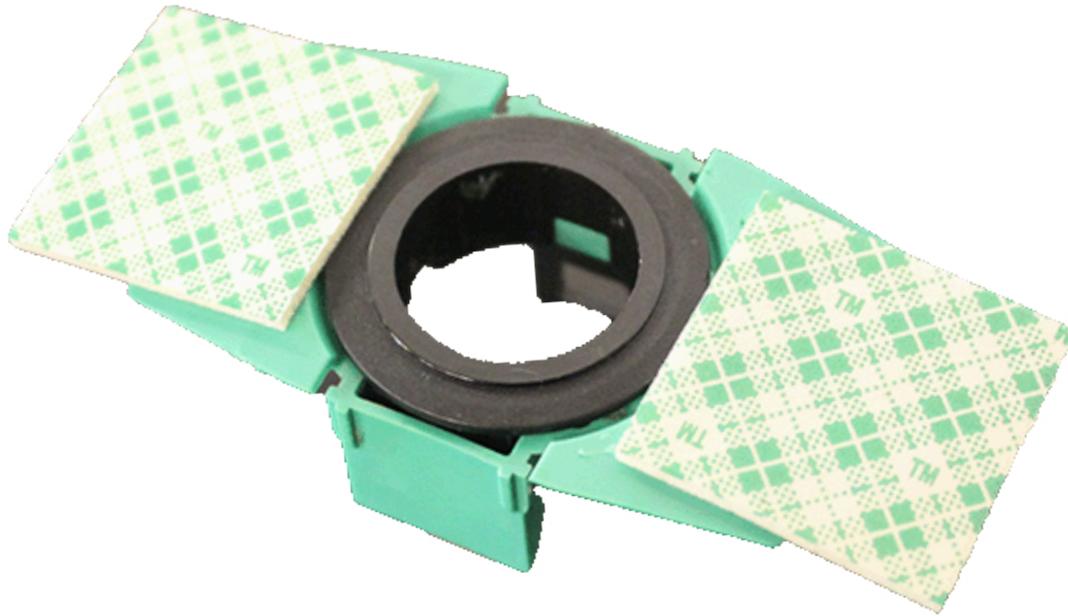


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 27

Install the provided (H) 3m double sided tape to each side of the bezel wings and trim excess with a (razor blade).



BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 28

Install the bezels in the correct orientation as shown below. ****TAPE TAKES UP TO 72 HOURS TO CURE. PRO TIP: Using a heat gun, warm up the tape on the bezels and also the location where the bezels will be installed. Ensure the bumper surface is clean before installing****





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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 29

Install trailer plug and pry out the tabs to securely seat plug (flathead screwdriver).

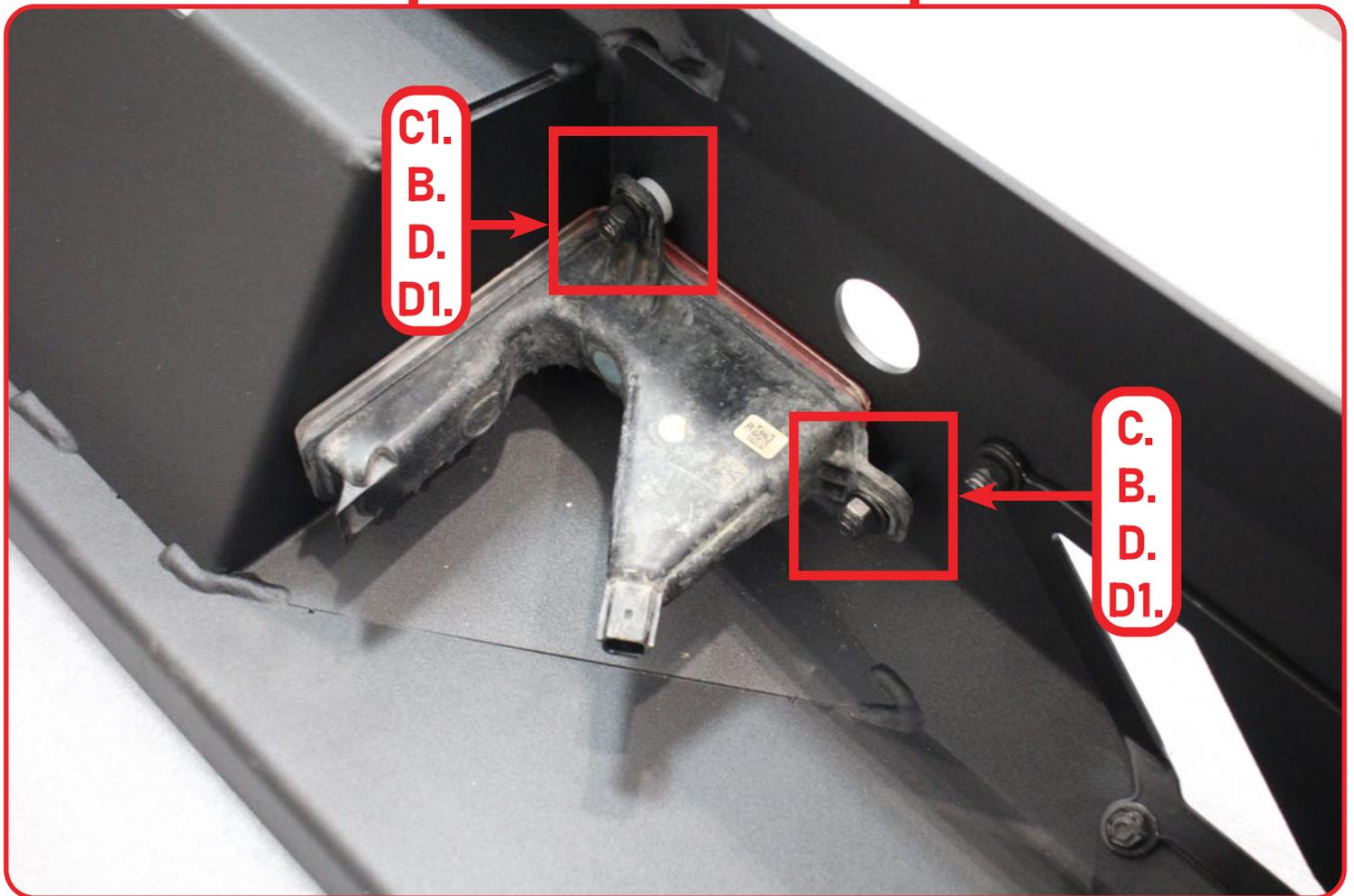
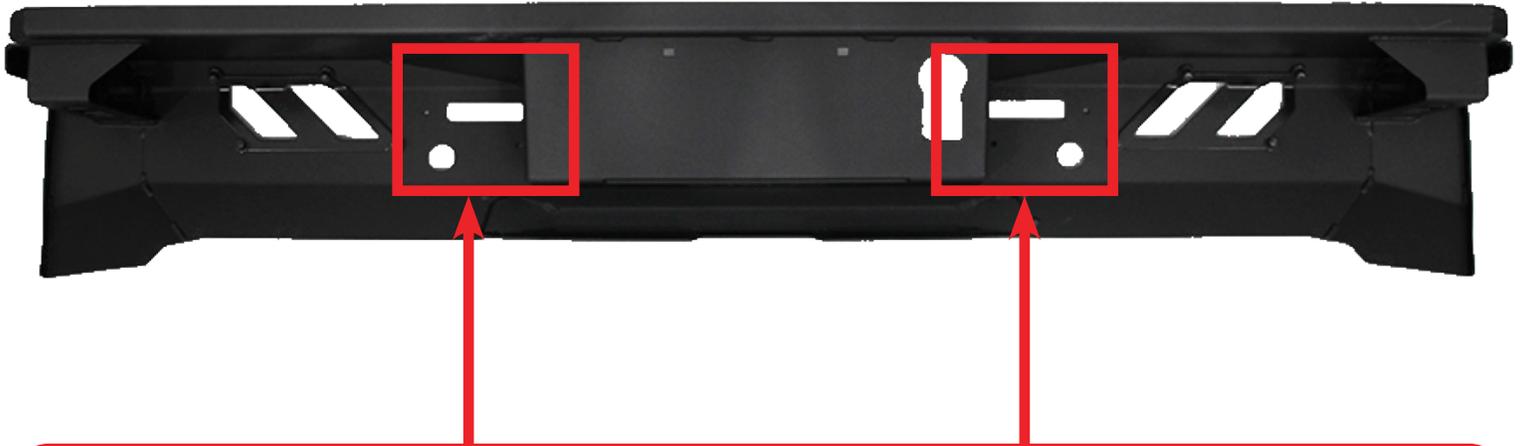


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 30

Install the license plate lights as shown below with the provided (C, B, D, D1) 1/2 spacers and 1/4 hardware and the provided (C1, B, D, D1) 1/4 spacers and 1/4 hardware using a (5/32 allen) and a (7/16 wrench).





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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 31

Install the provided (G1) nut clips into the bumper as shown below.

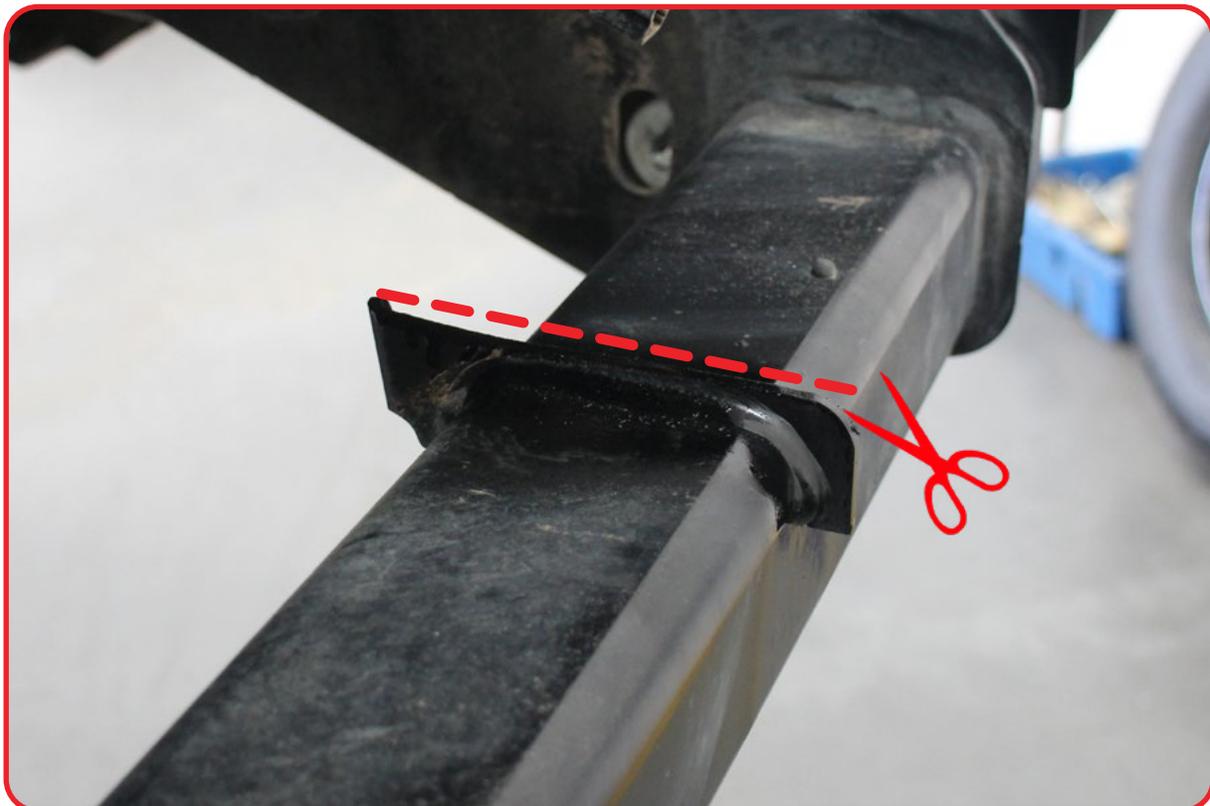


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 32

With your choice of cutting tools, cut the brackets off the hitch as shown below.

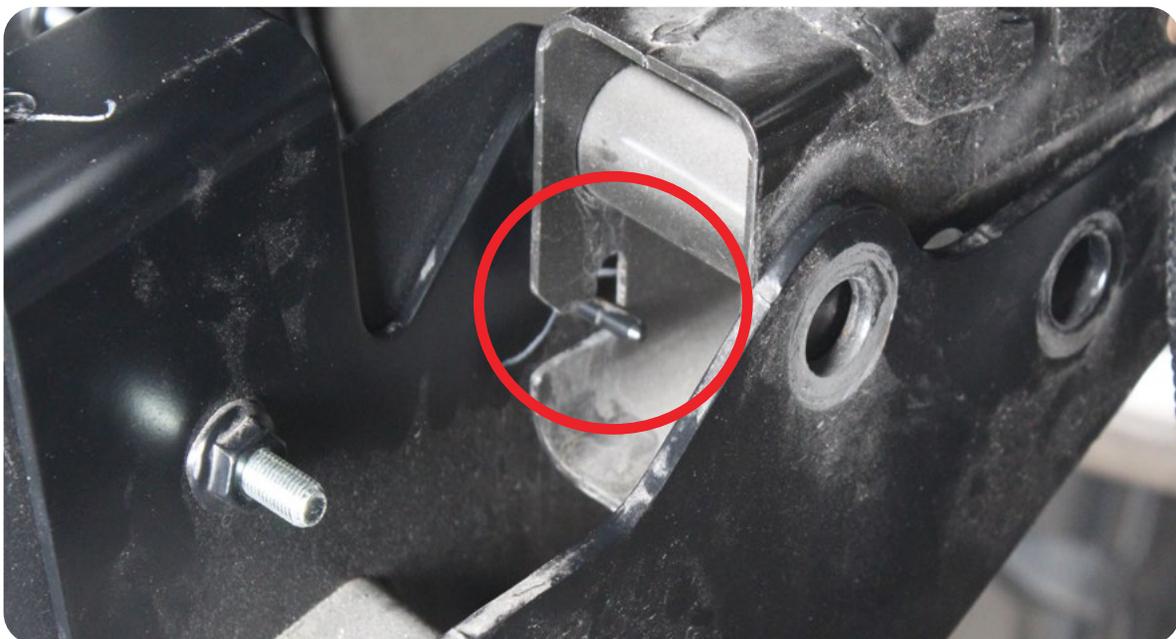


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 33

Install hitch. Use pins on hitch to line up correctly.

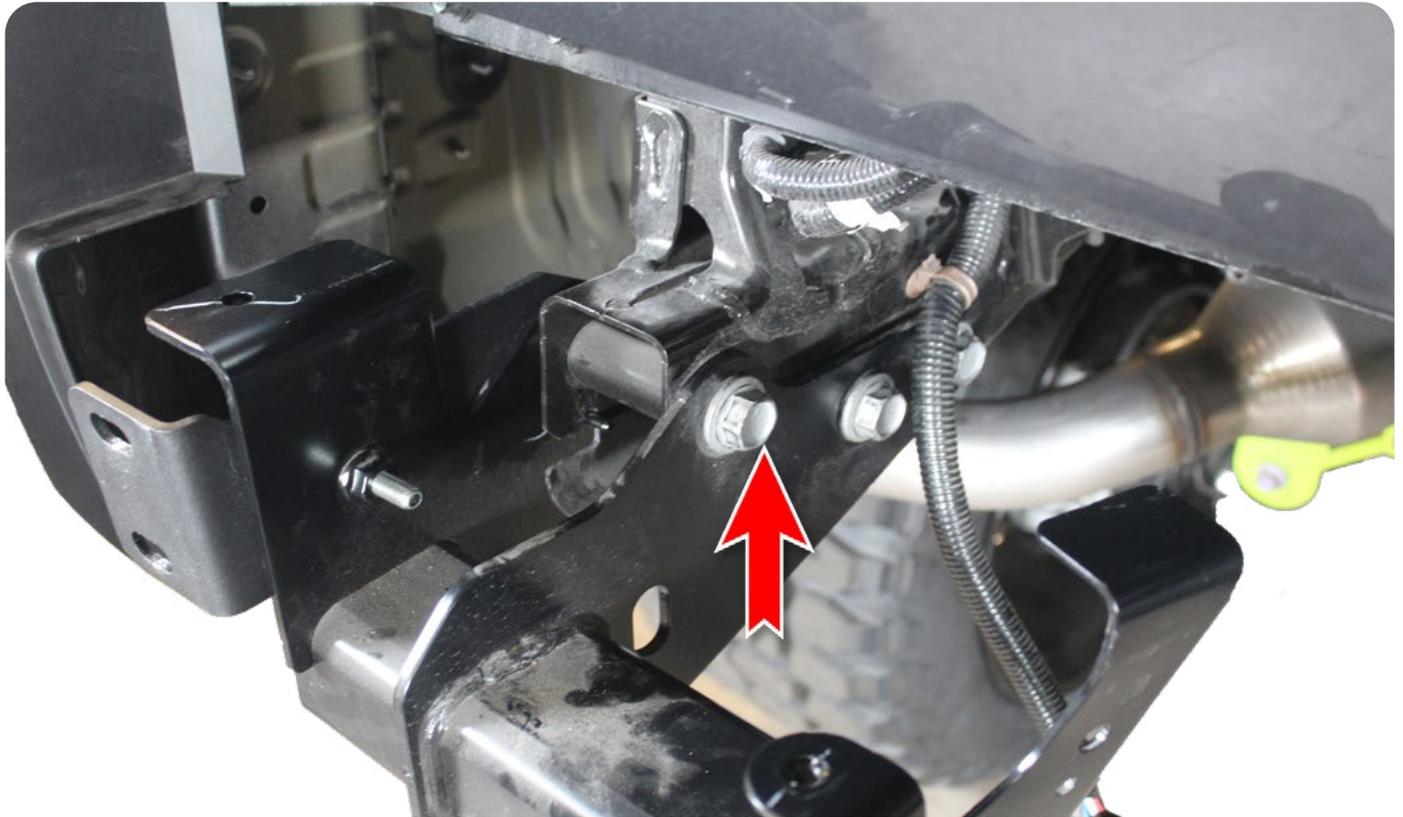


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 34

Using a (7/8 wrench and socket), install OEM hitch hardware that was removed in **step 8**. Follow the orientation provided in pictures. Ensure that the one highlighted below does not get installed for later in the install. (Repeat on other side)

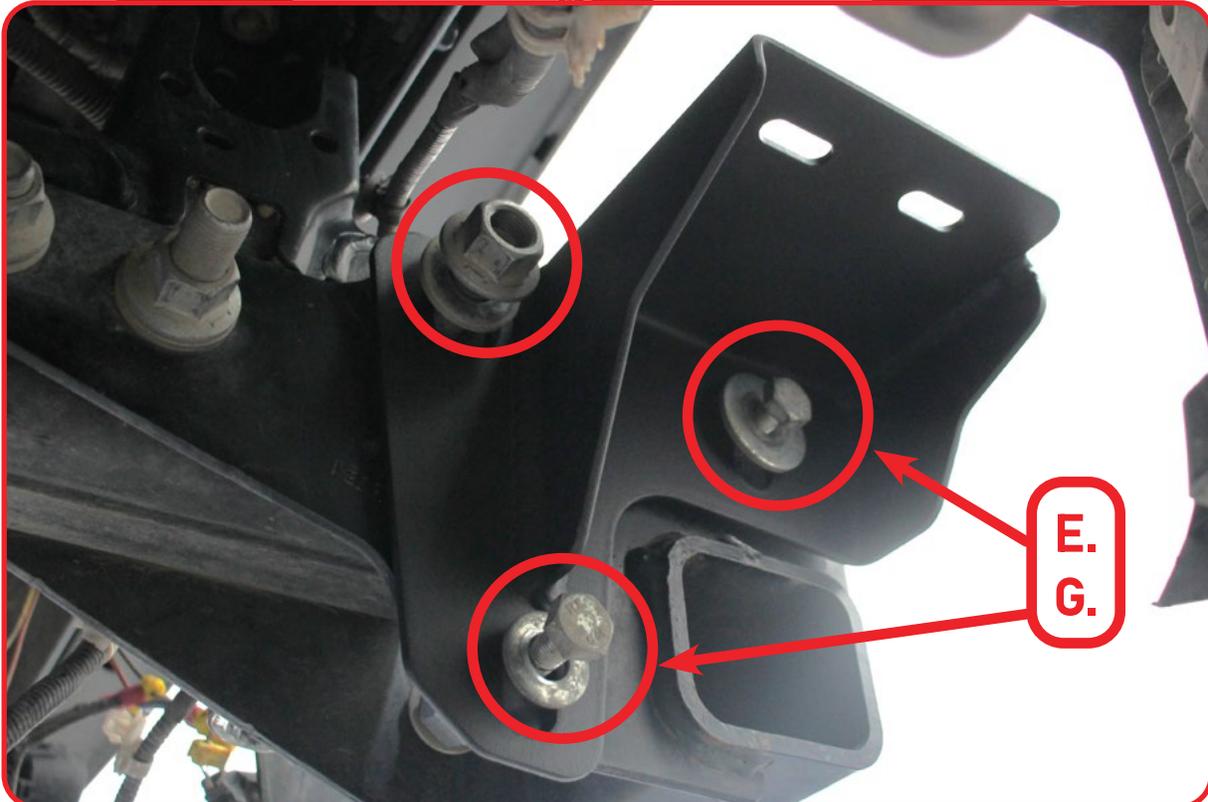


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 35

Install the mounting plates (picture below is driver side) with the hardware you left out on step 34 and the provided (E, G) M10 bolt and washer on driver side using a (11/16 socket). On passenger side install the provided (F, G, G2) 3/8 hardware using a (9/16 socket) and a (9/16 wrench).





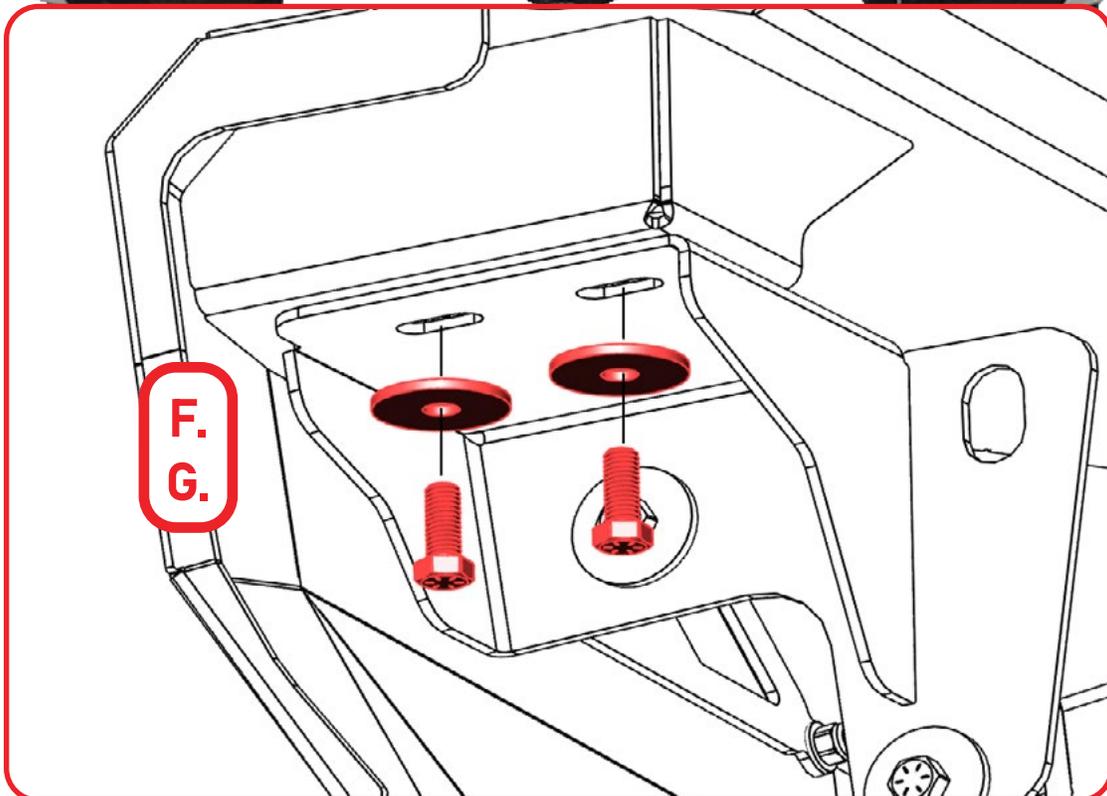
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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 36

With a helping hand, install the bumper as shown below with the provided **(F, G)** 3/8 hardware using a (9/16 socket).



BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 37

Plug the blind spot sensor and your parking sensor back in and clip side panel back in and install your push pins from **step 3**.





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BLACK LABEL REAR BUMPER
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INSTALL

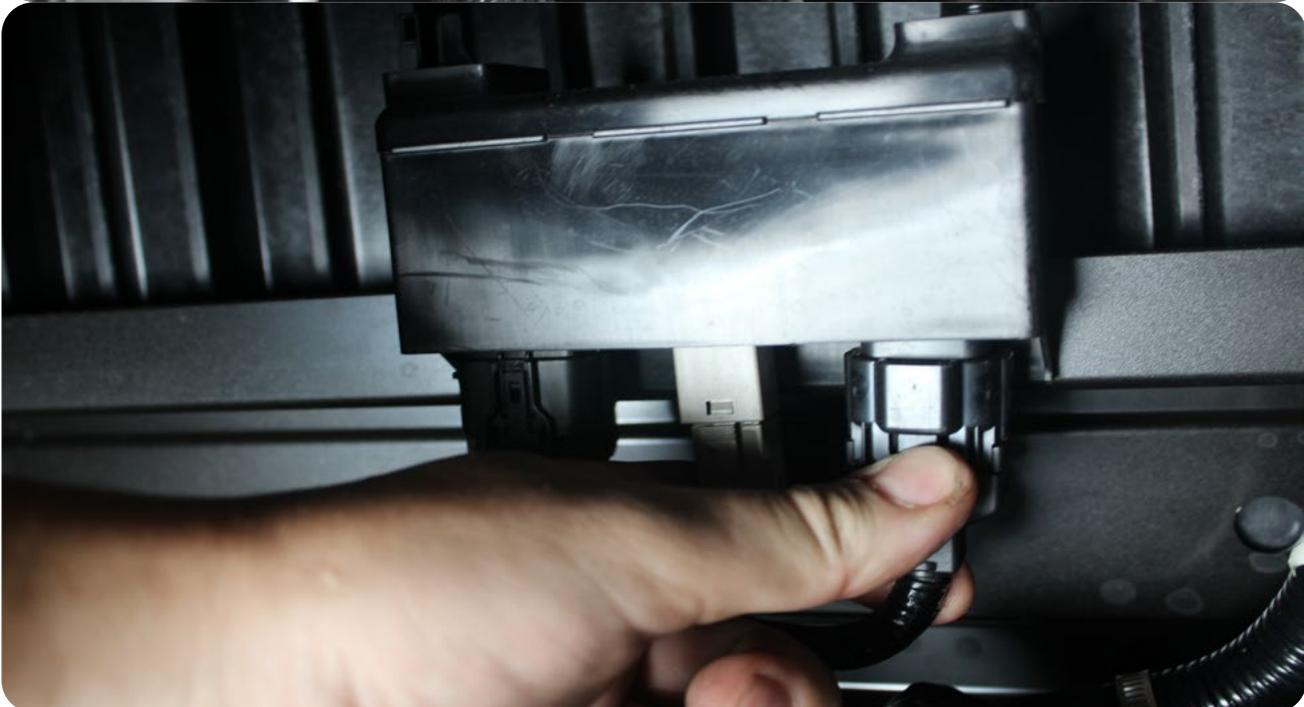
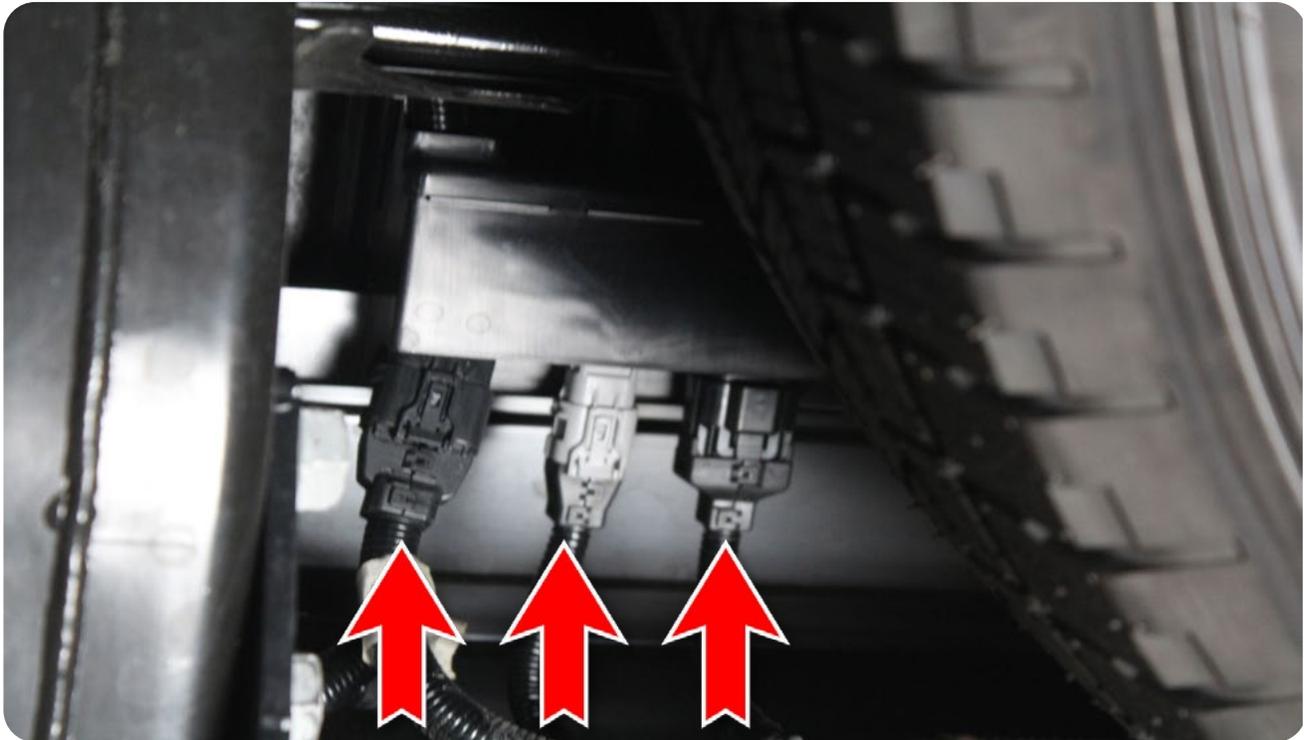


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 38

Plug the wiring harness back into the three plugs located on the passenger side of the spare tire.

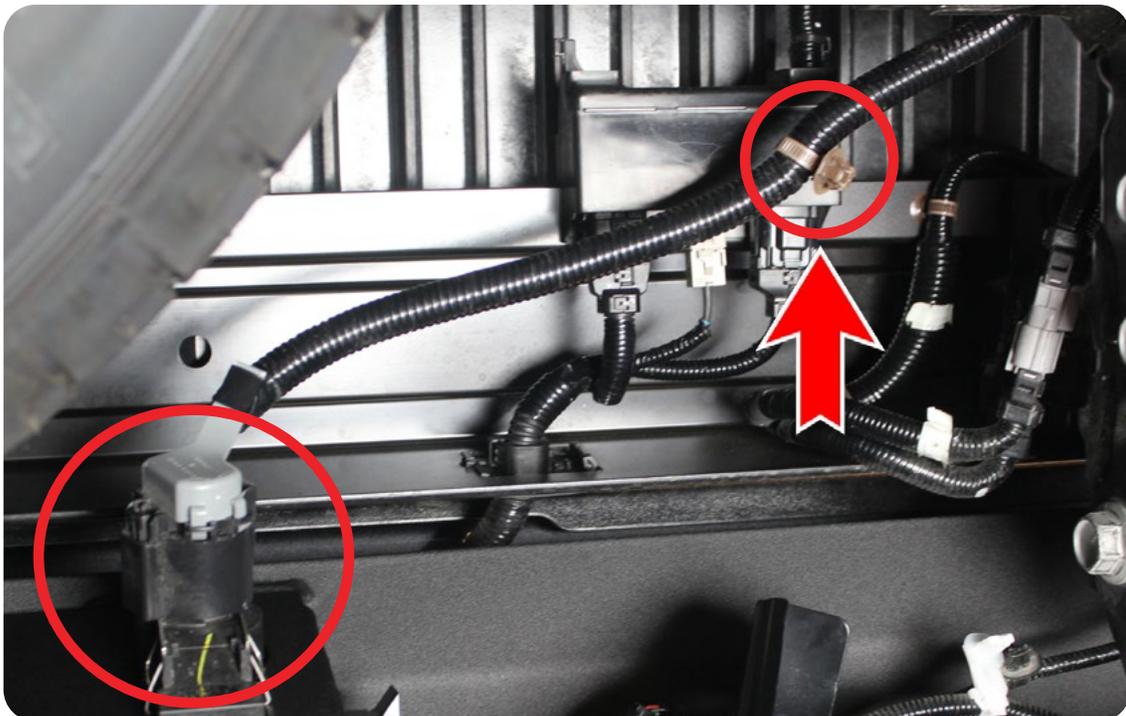
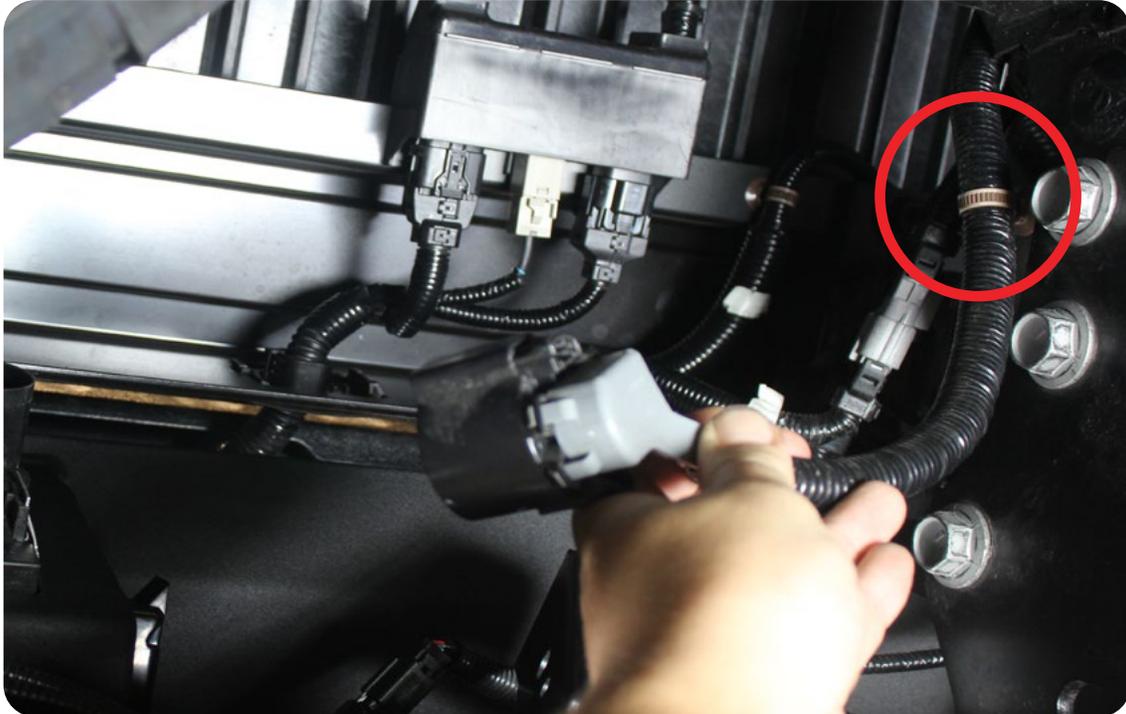


BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 39

Remove wire loom clip for the trailer plug in to reach. Plug back in.





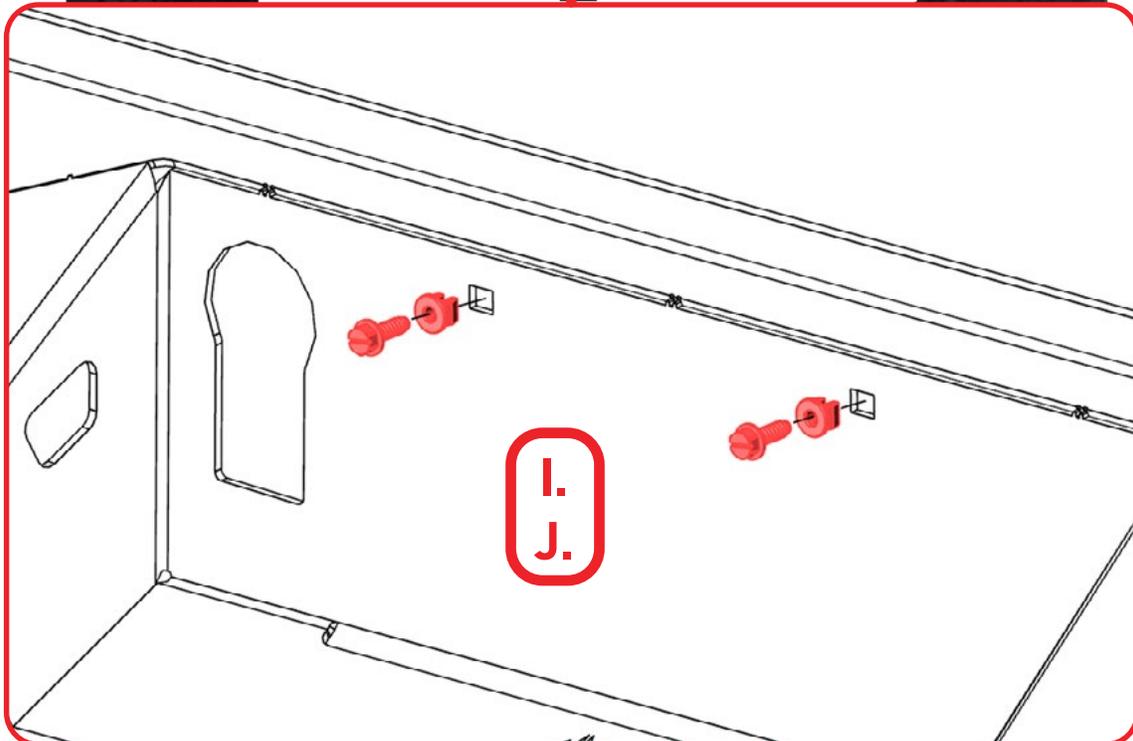
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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

INSTALL

□ STEP 40

Install the provided (I, J) license plate hardware to install your license plate using a (8mm socket).





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BLACK LABEL REAR BUMPER 2022-24/TOYOTA TUNDRA

FINAL

□ STEP 41

Stand back and enjoy your new ADD Black Label Rear Bumper.

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



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