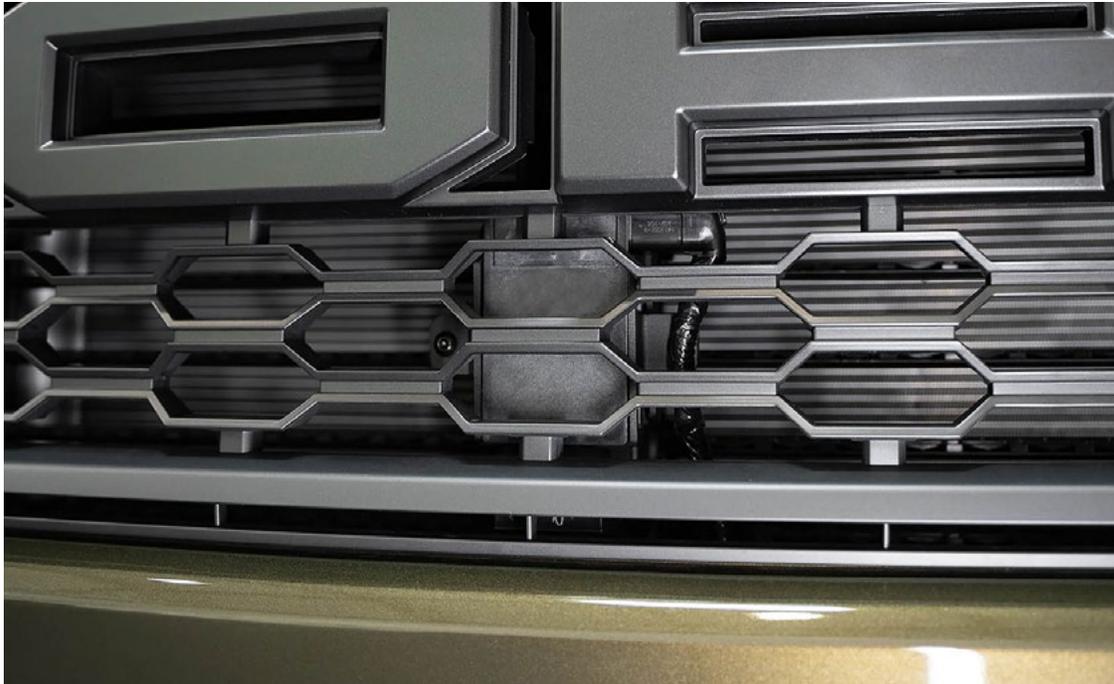




# INSTALLATION GUIDE

## 24/FORD RANGER RAPTOR ADAPTIVE CRUISE CONTROL BRACKET AC7205101NA



### TOOLS REQUIRED

(Allen) 5/32, 7/32  
 (Wrench) 8mm, 10mm, 7/16, 9/16  
 (Socket) 8mm, 10mm, 7/16, 9/16  
 Ratchet  
 Philips head screwdriver  
 27/67 Drill Bit



### TIME REQUIRED

- 1.5 hours for OEM Removal/ACC Install



### SKILL LEVEL

-Easy/Intermediate



### INCLUDED IN KIT

- 1- 3/8-16 x 3/4" Button Head Bolt
- 1- 3/8" Flat Washer
- 1- 3/8-16" Nylon Lock Nut
- 4- 1/4-20 X 3/4" Button Head Bolt
- 5- 1/4-20" Nylon Lock Nut
- 5- 1/4" Flat Washer
- 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.**



3/8-16 X 3/4" BUTTON HEAD BOLT

QTY: 1

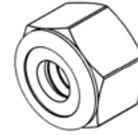
**A1.**



3/8" FLAT WASHER

QTY: 1

**A2.**



3/8-16" NYLON LOCK NUT

QTY: 1

**B.**



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

QTY: 4

**B1.**



1/4-20" NYLON LOCK NUT

QTY: 5

**B2.**



1/4" FLAT WASHER

QTY: 5

**C.**



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

QTY: 1

Reference this page throughout the install



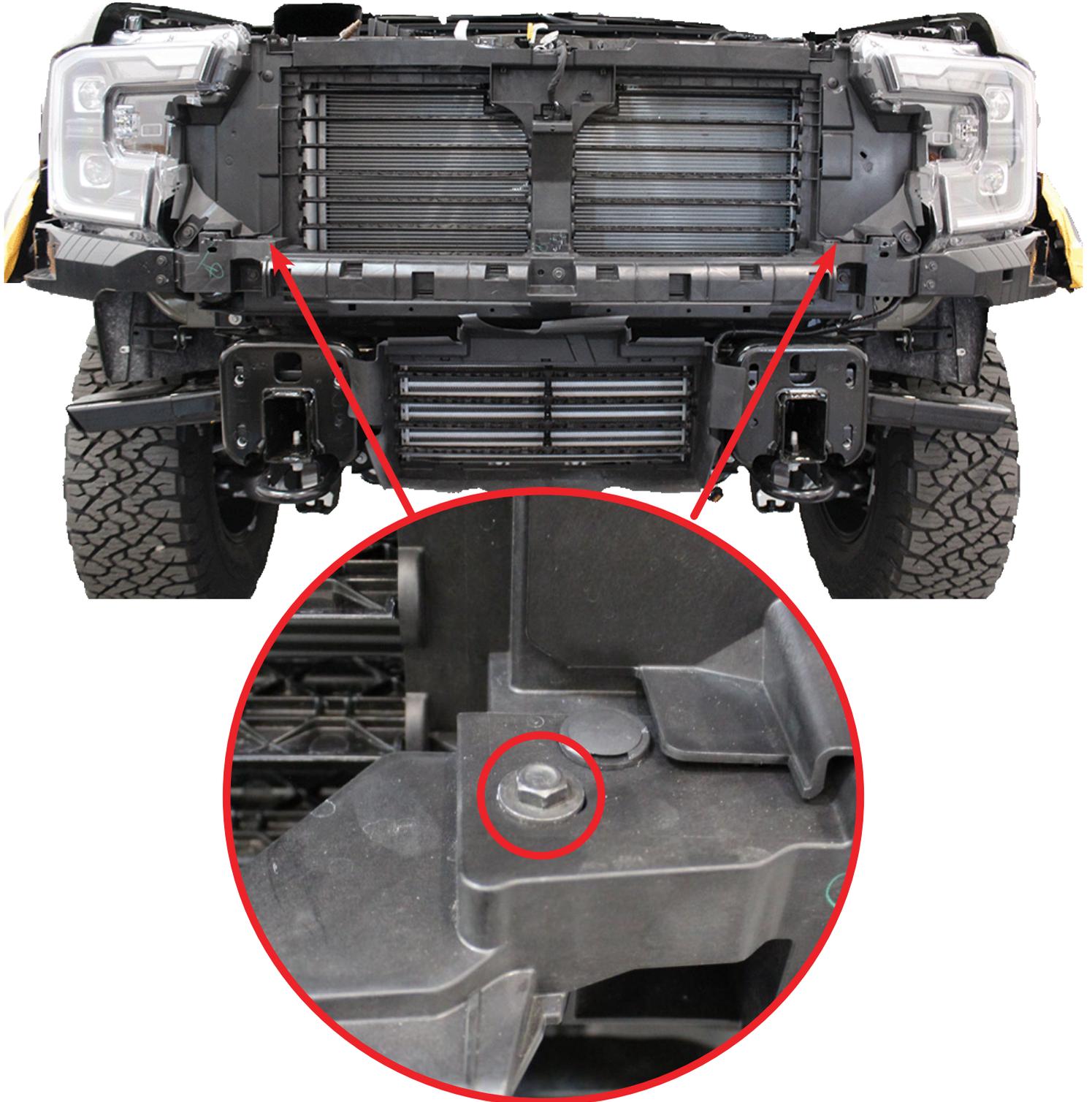
# INSTALLATION GUIDE

## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL

### □ STEP 1

Using a (10mm socket) remove the bolts highlighted below.





# INSTALLATION GUIDE

## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL

### □ STEP 2

Using a (10mm socket) remove the bolts highlighted below.





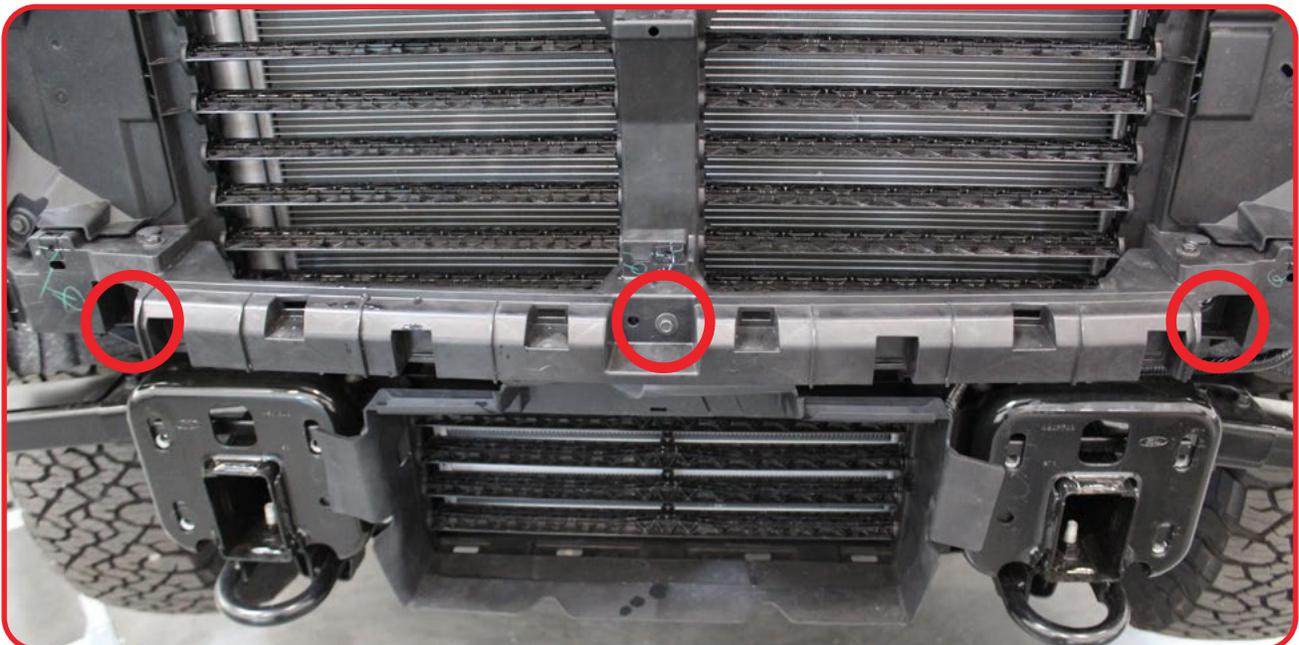
# INSTALLATION GUIDE

## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL

### □ STEP 3

Using a (10mm socket) remove the bolts highlighted below.

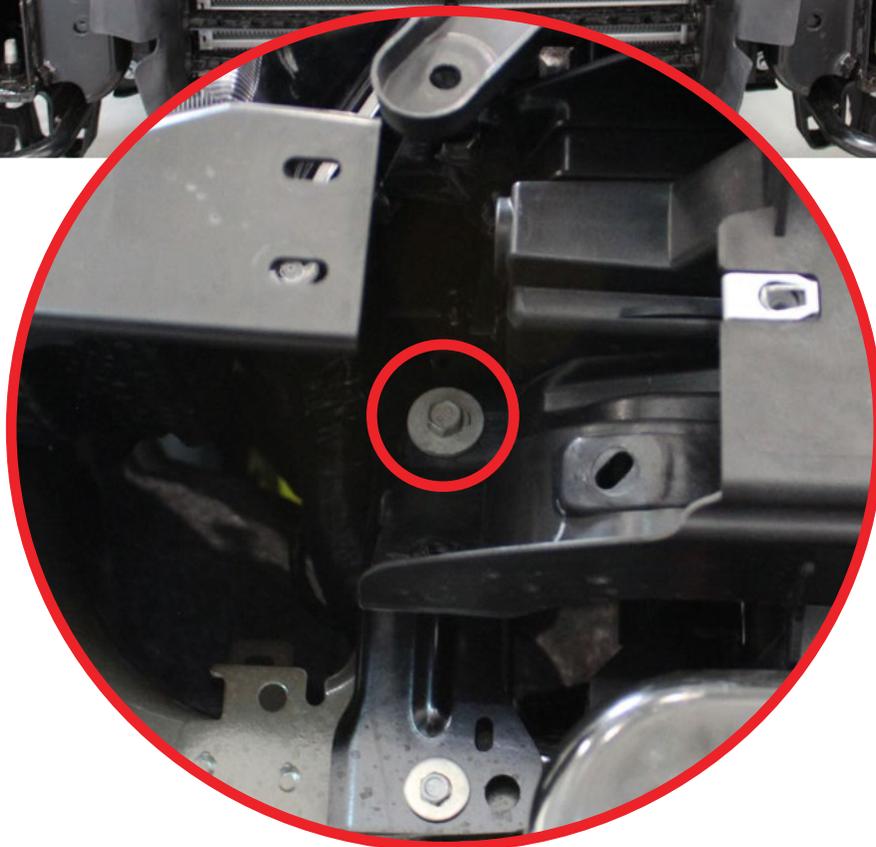
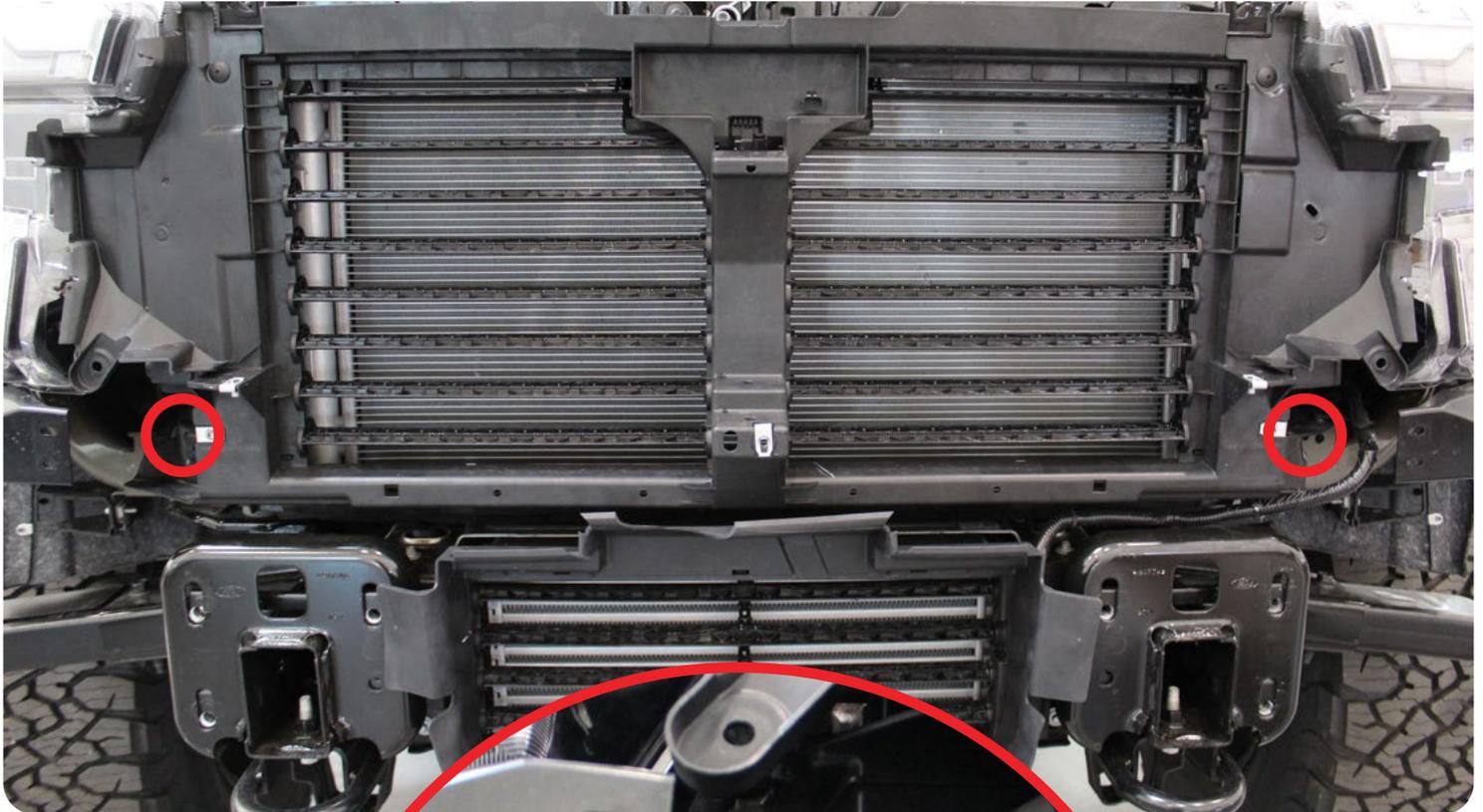


## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL

### □ STEP 4

Using a (10mm socket) remove the bolts highlighted below.

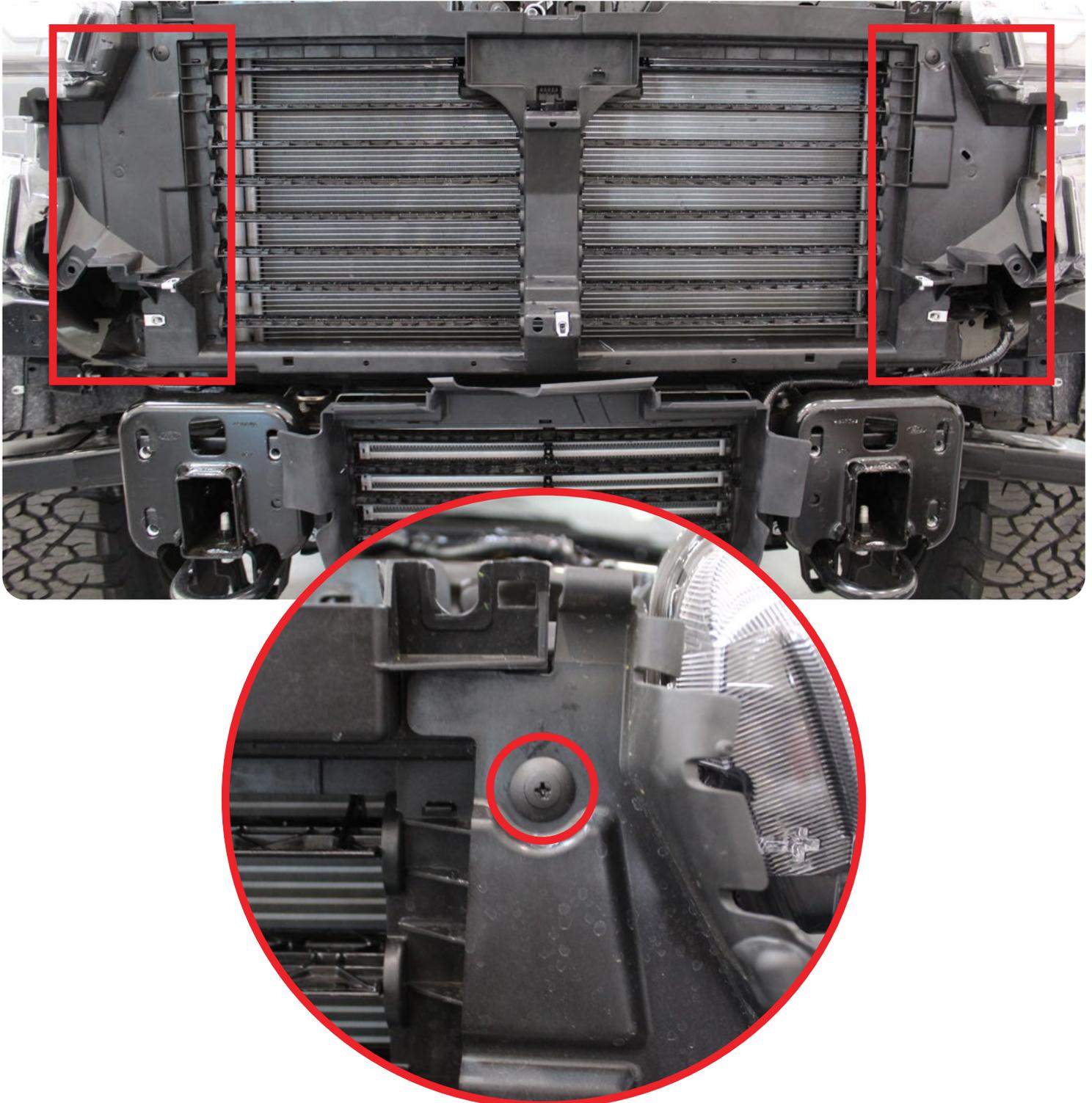


## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL

### □ STEP 5

Using a (philips head screwdriver) remove the plastic clip holding the plastic housing as shown below.





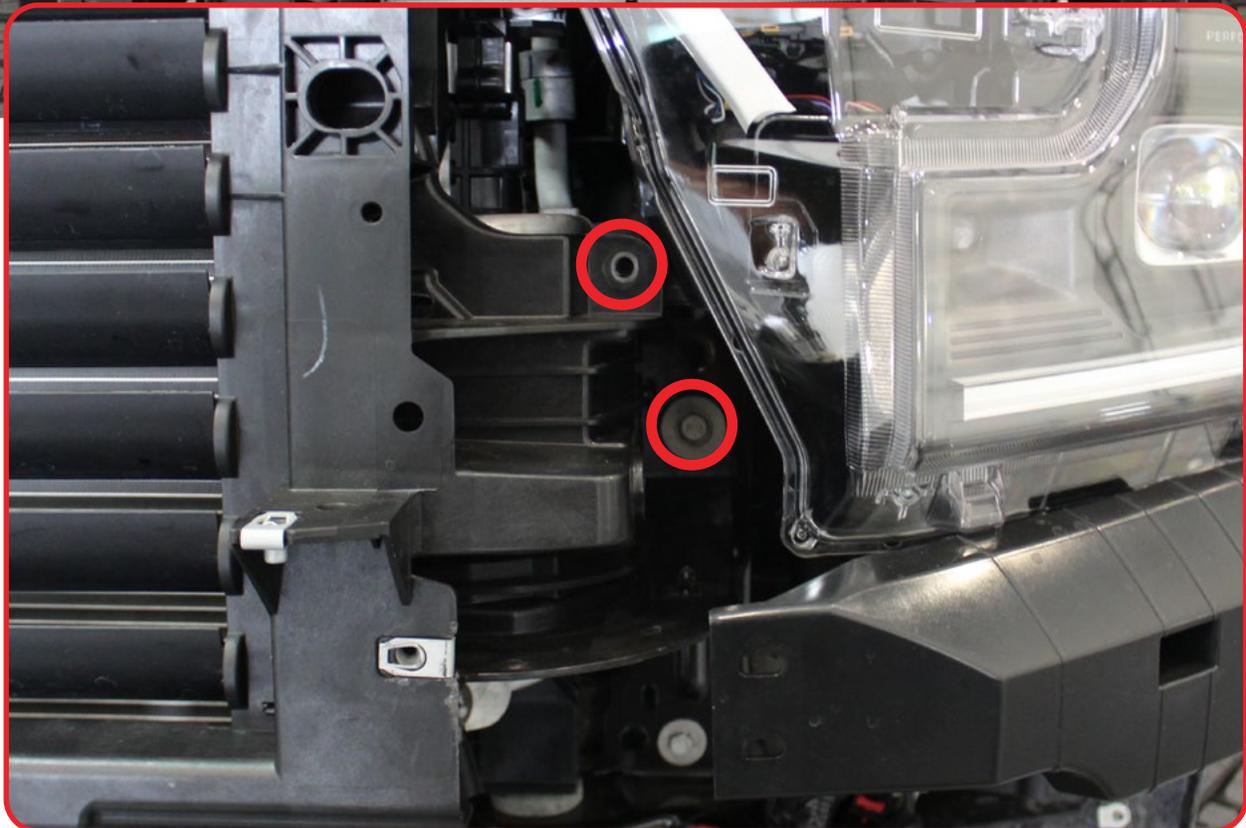
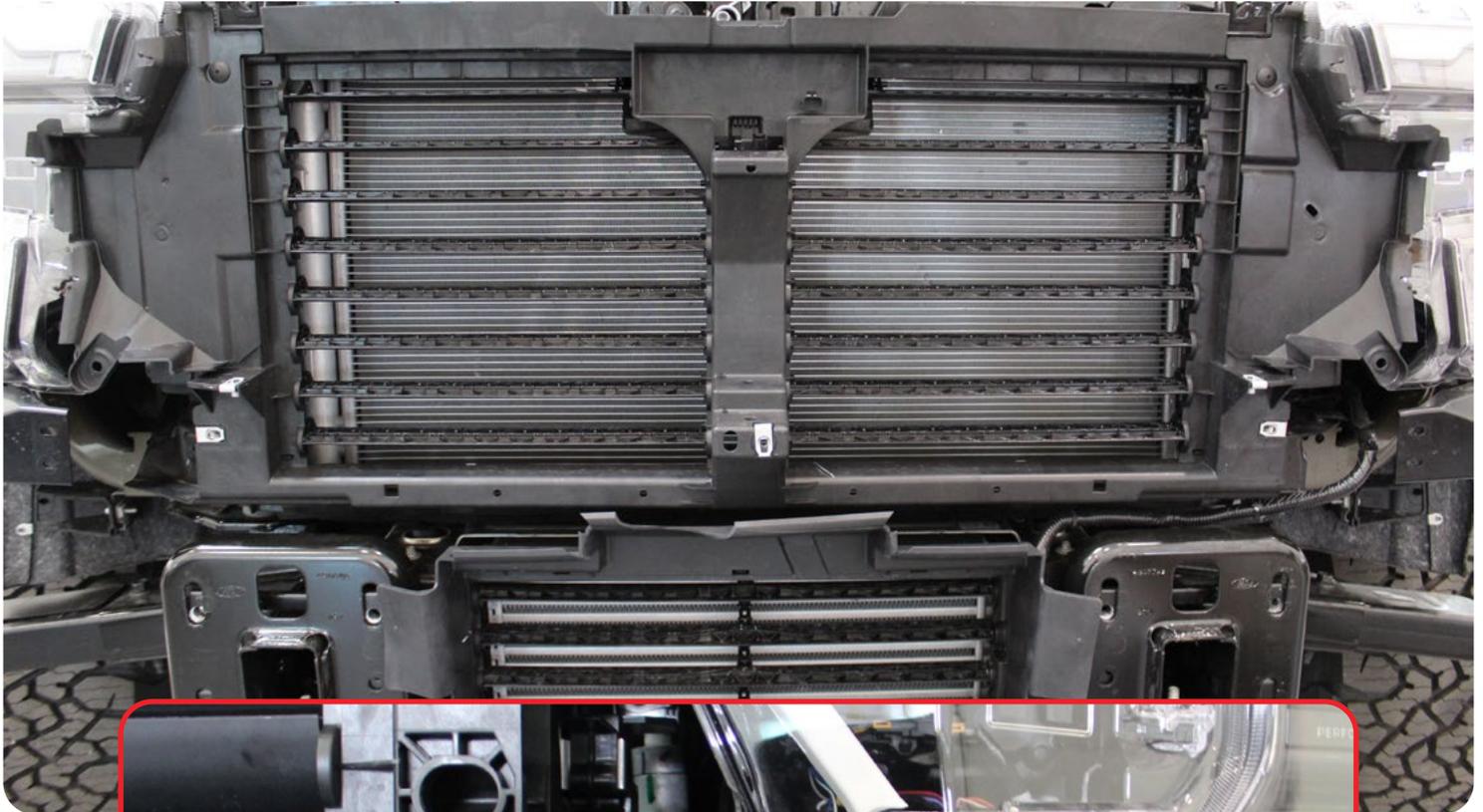
# INSTALLATION GUIDE

## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL



Using a (10mm socket) remove the bolts highlighted below.

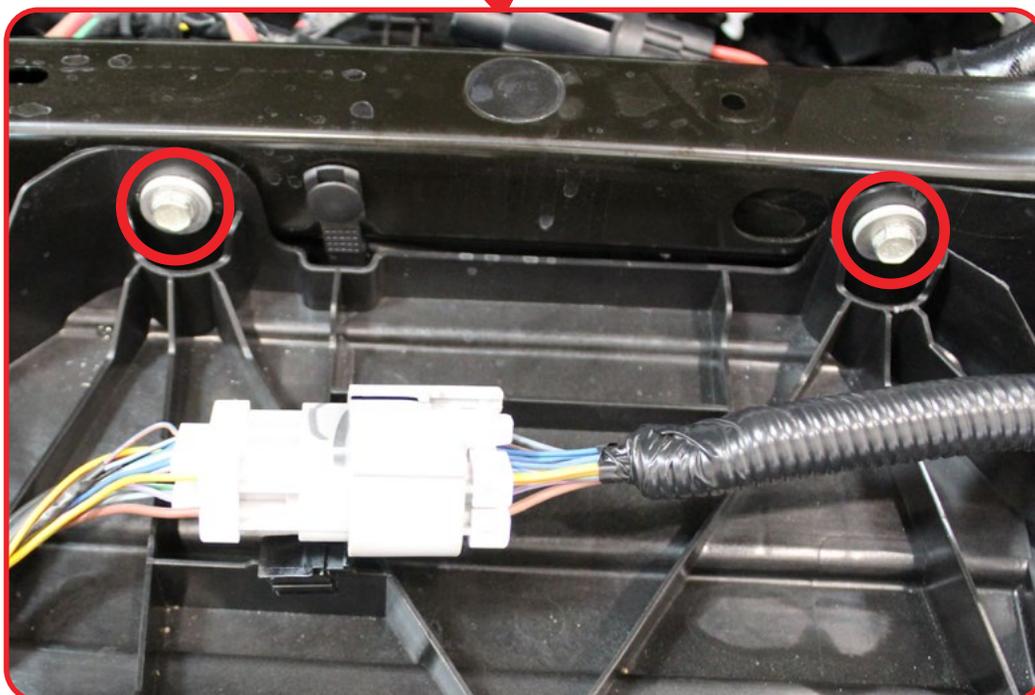
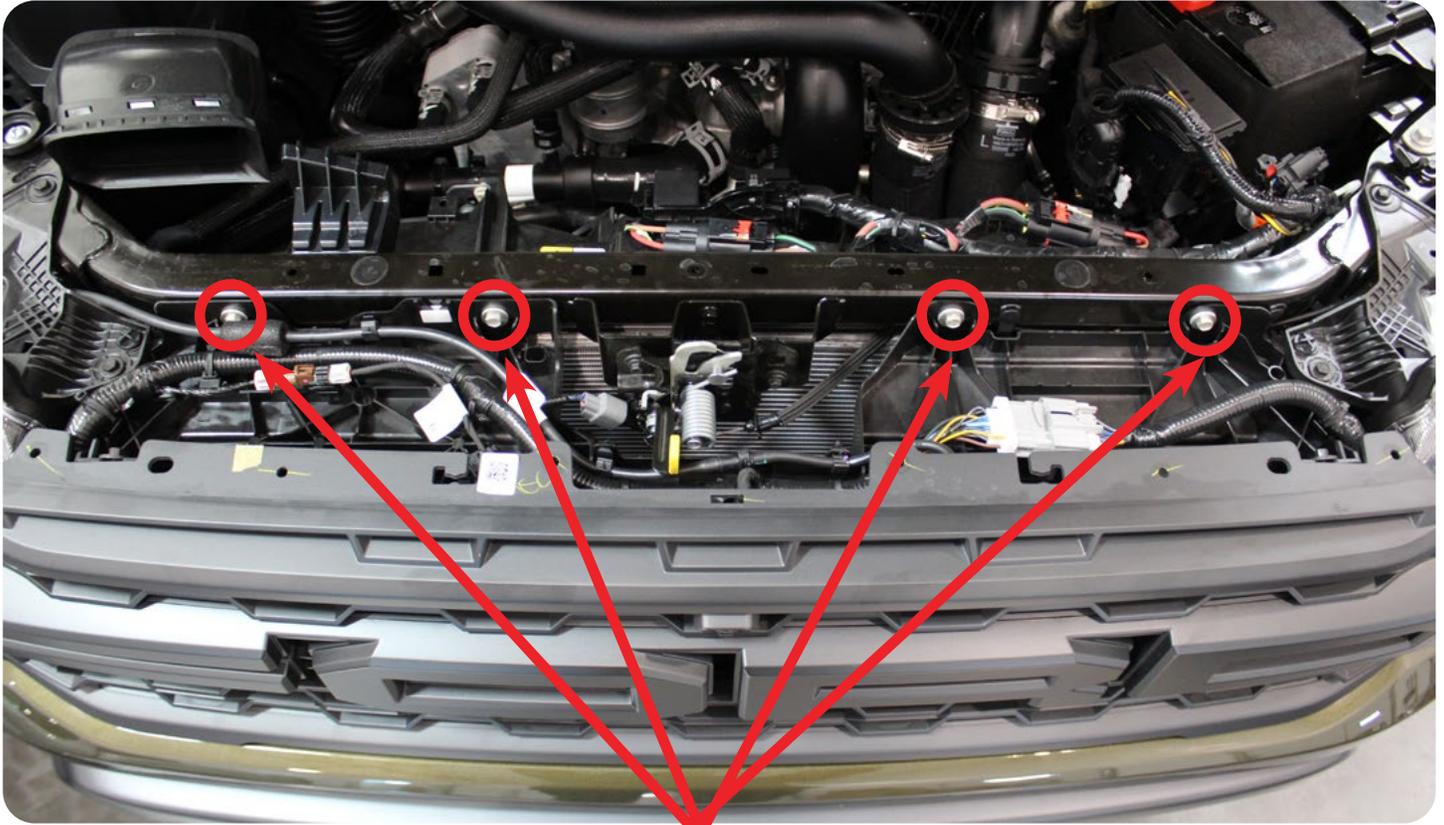


## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL

### □ STEP 6

Using a (10mm socket) remove the hardware holding the grill.

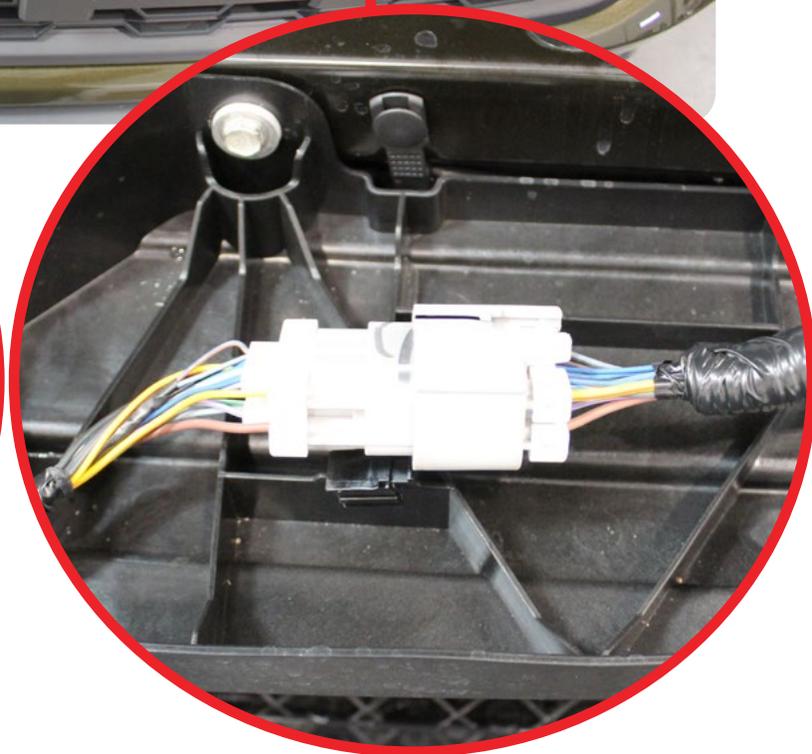
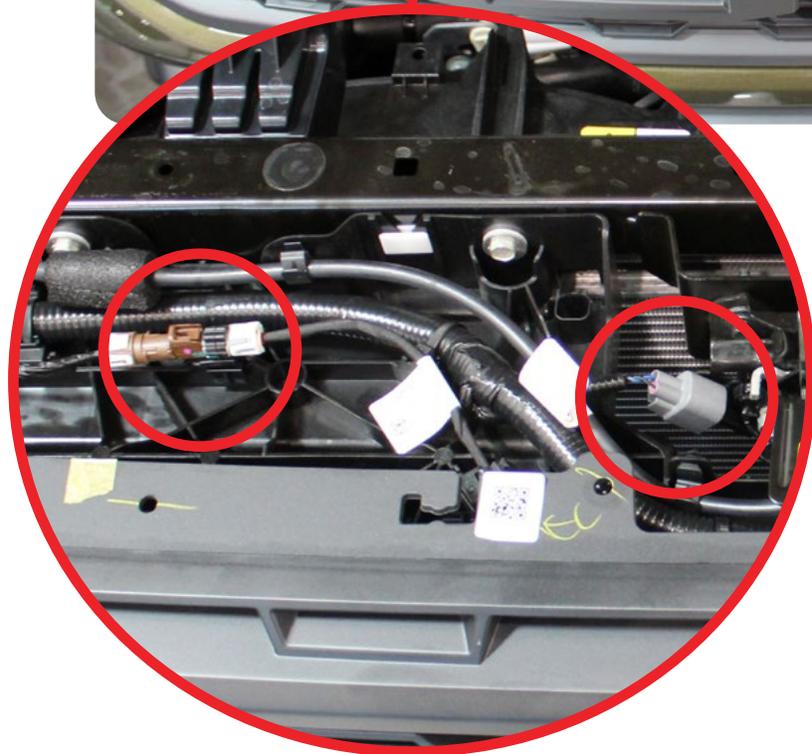
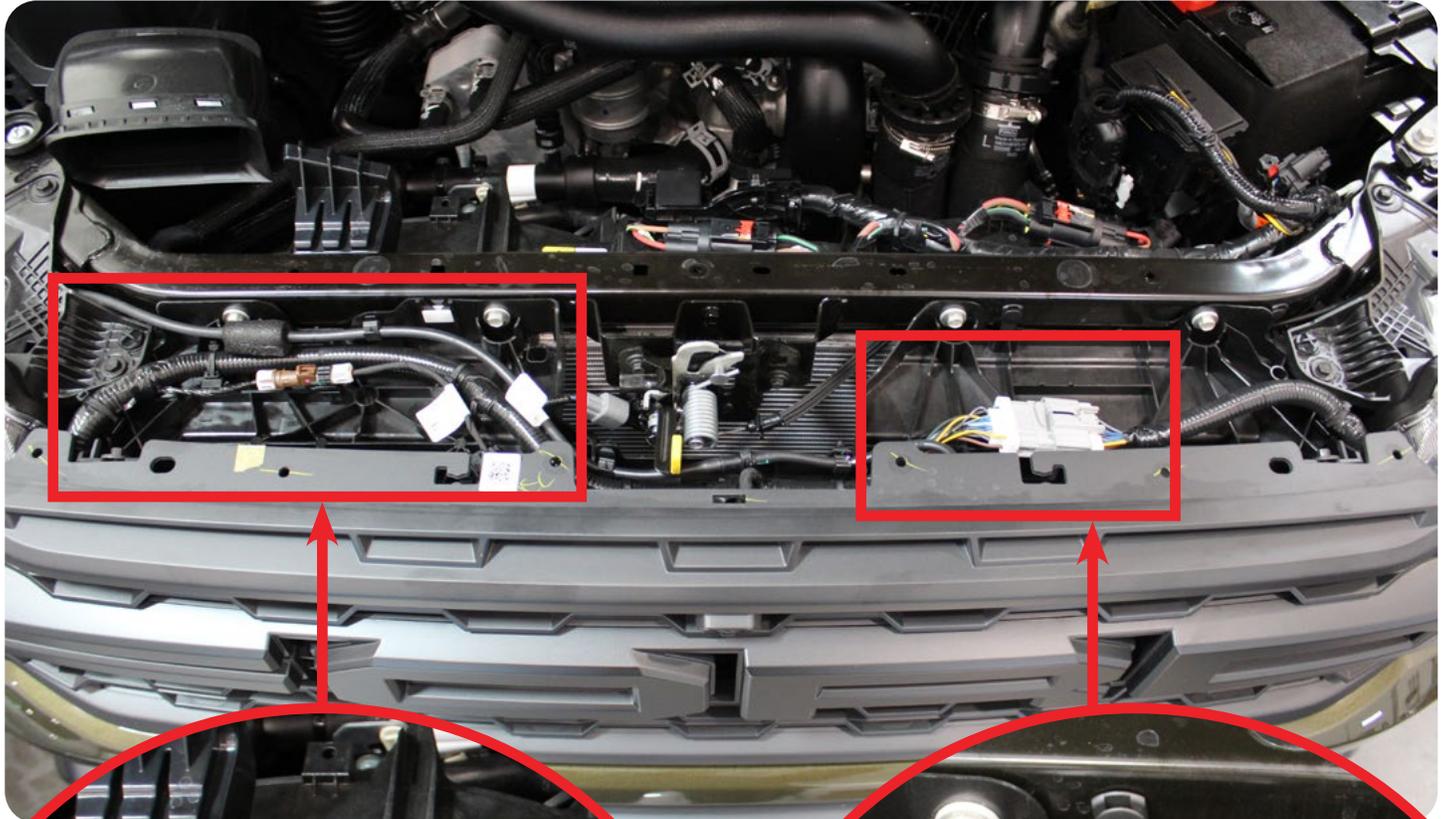


## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL

### STEP 7

Unplug all of the plugs highlighted below.





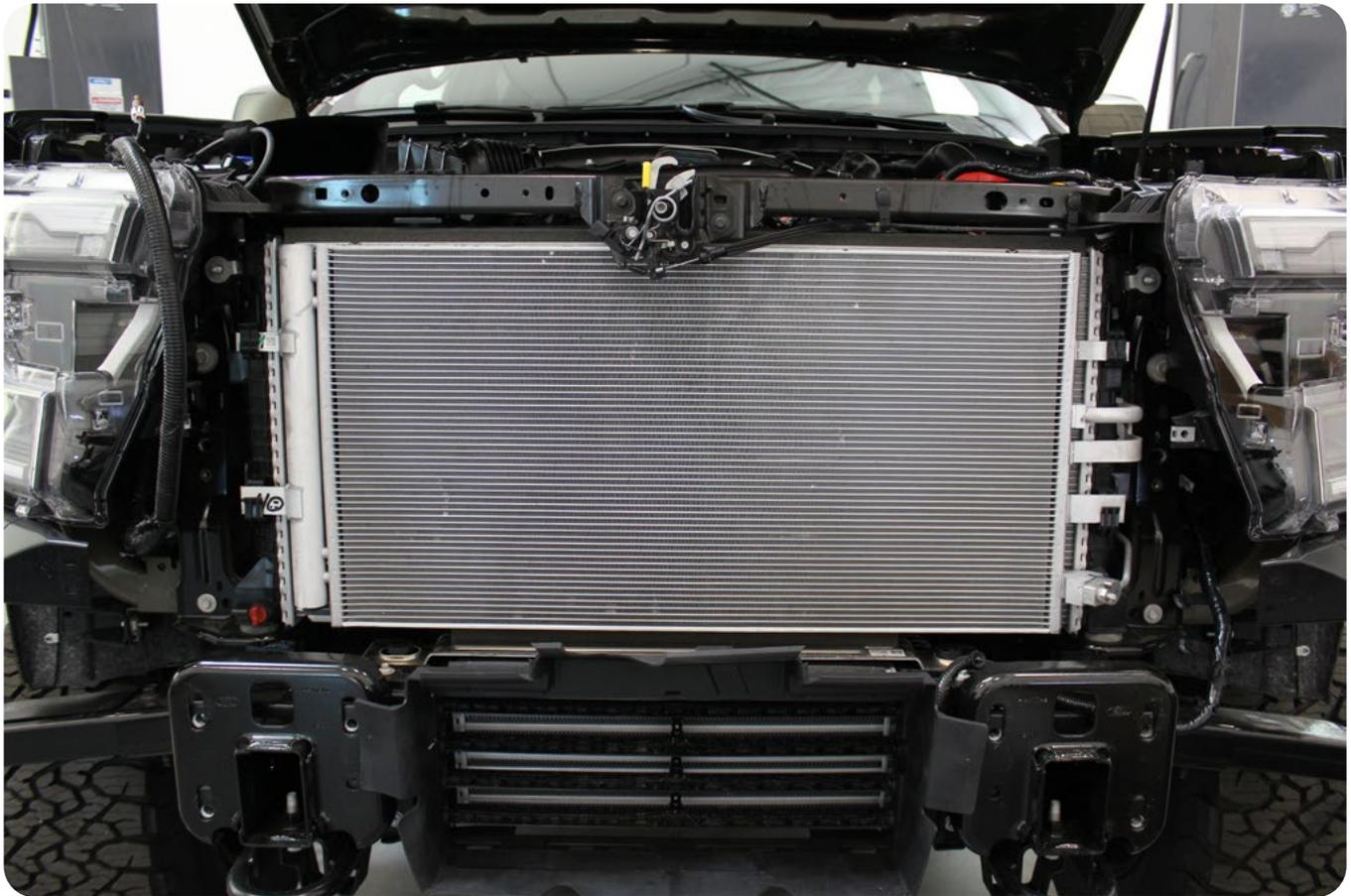
# INSTALLATION GUIDE

## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## REMOVAL

### STEP 8

You can now remove the shutter housing.

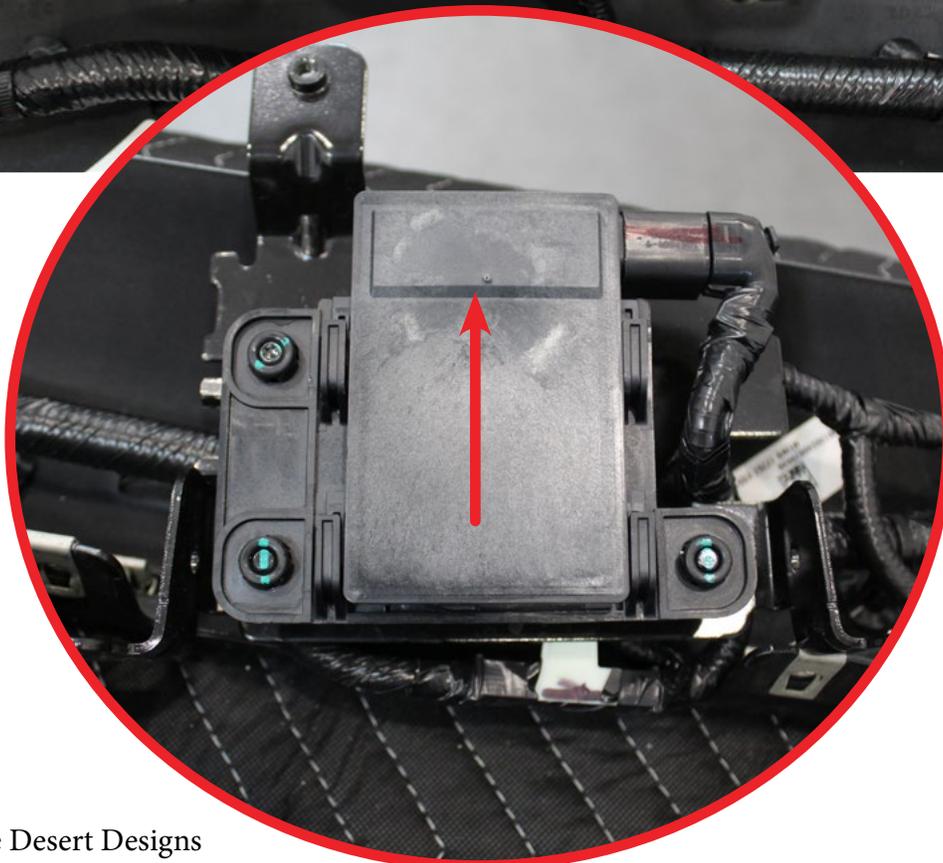
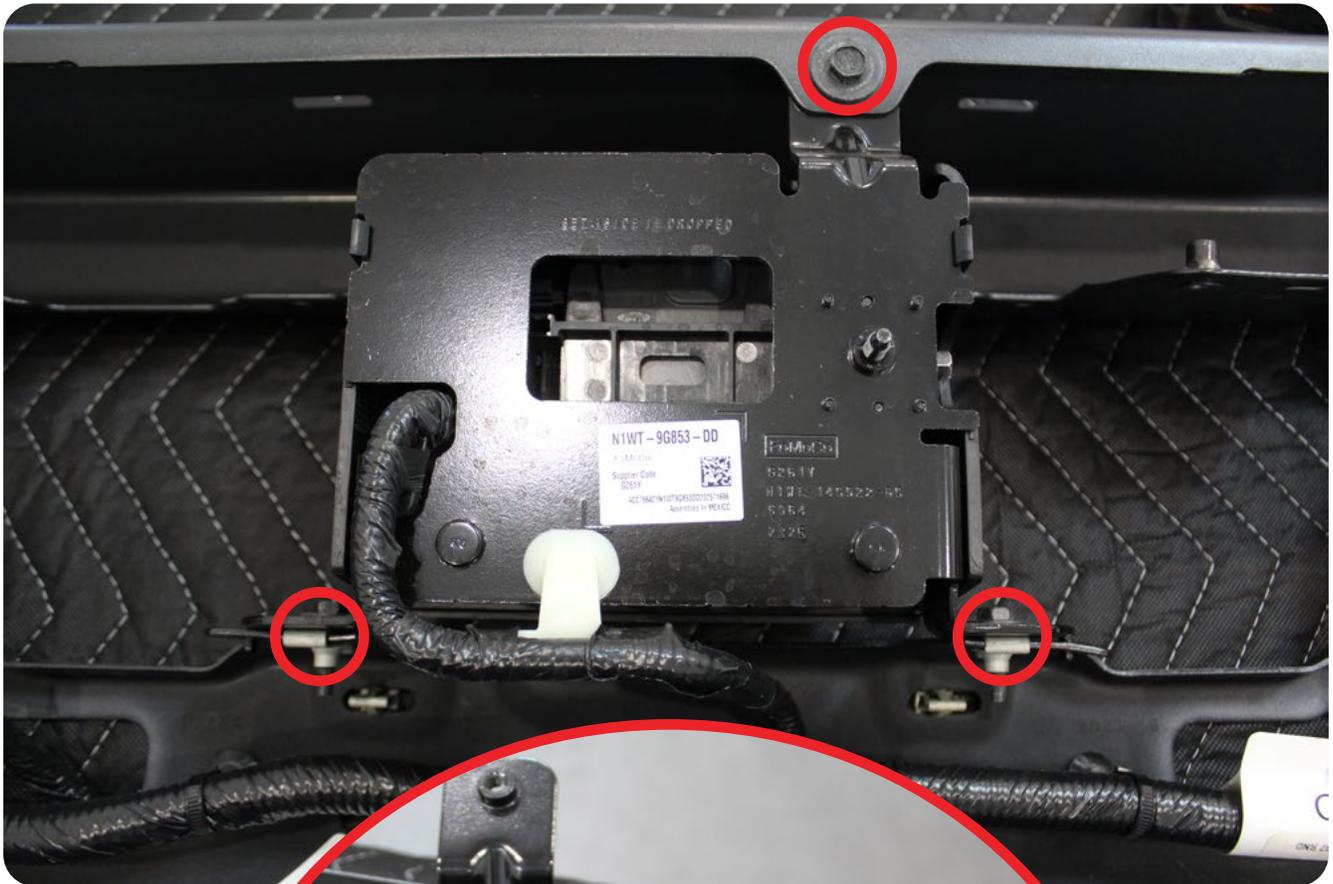


## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## INSTALL

### □ STEP 9

In the OEM bumper locate the ACC in the middle of the bumper. next using a (10mm socket) and a (8mm socket) remove the sensor from the bumper and slid the module upwards to release it from the bracket.

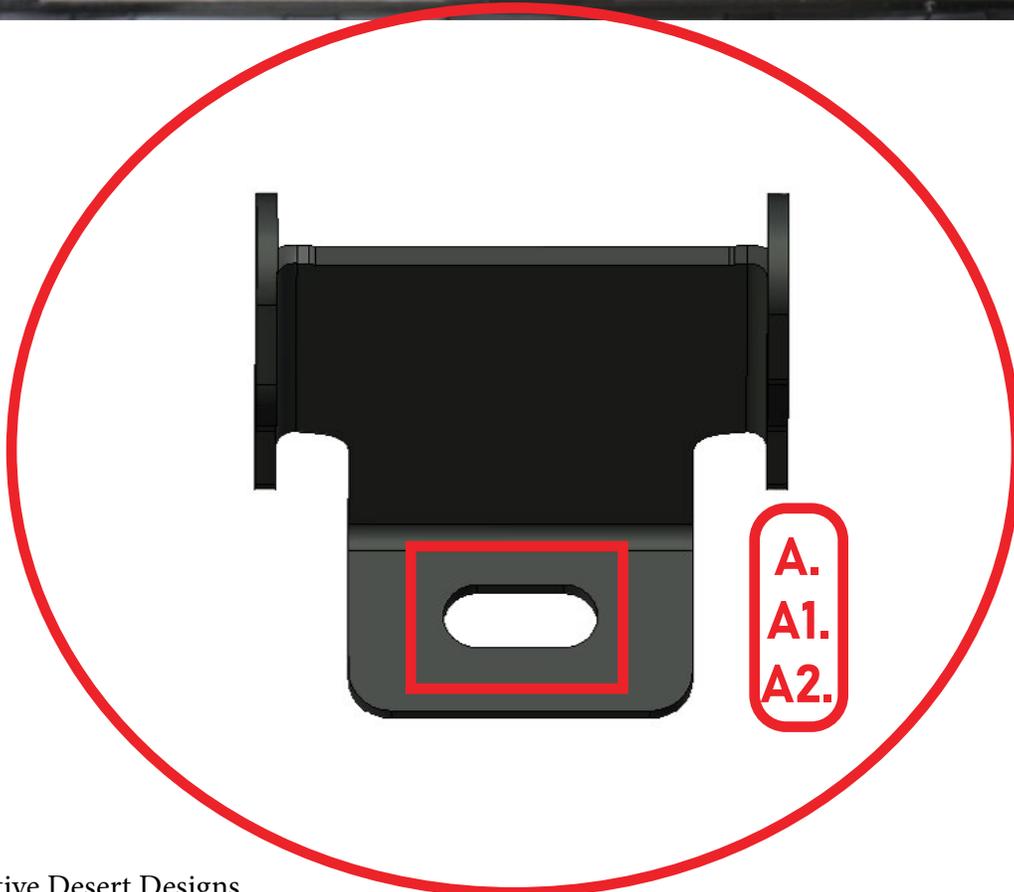
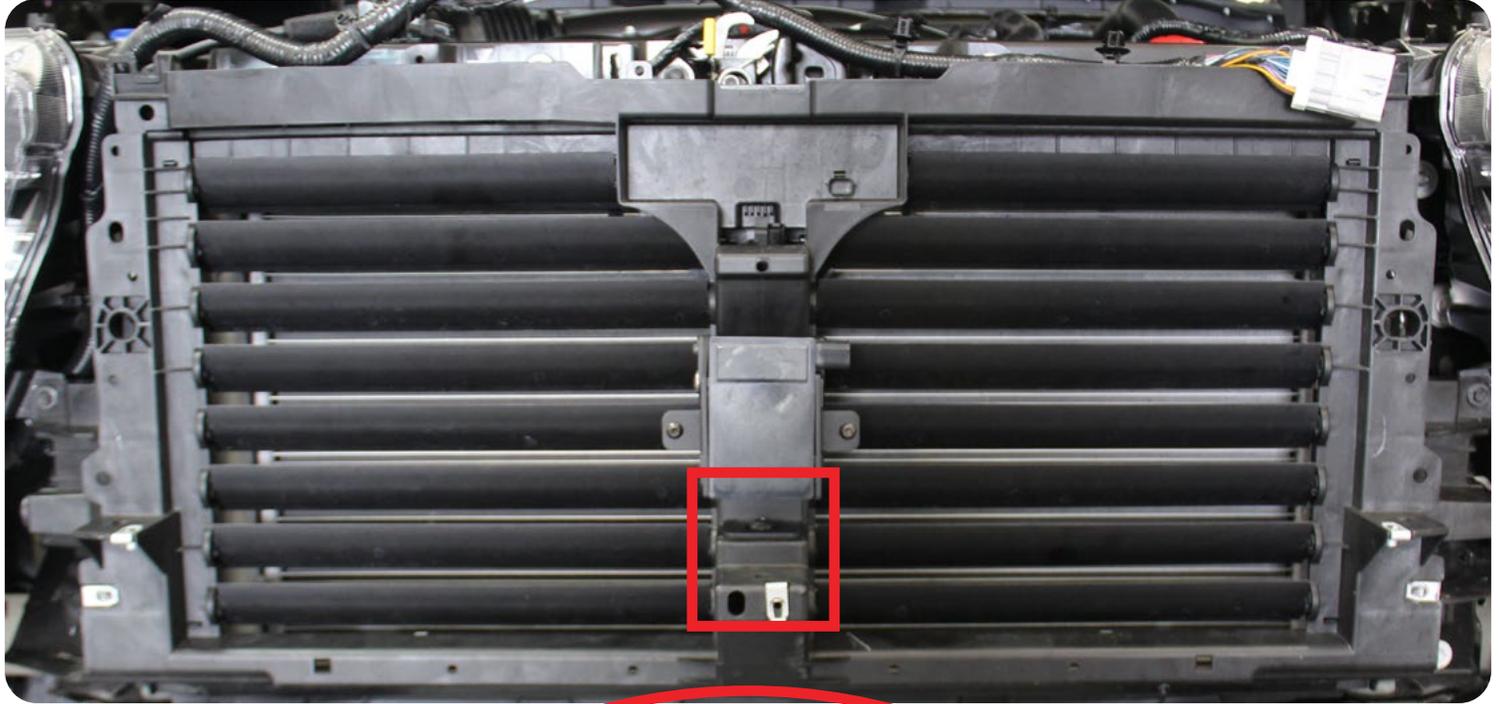


## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## INSTALL

### □ STEP 10

Place the mounting bracket for the ACC into the center of the shutter housing and mark the bottom hole. Next using a (27/64 drill bit) drill the hole marked. Install the bracket with the provided (A, A1, A2) 3/8 hardware using a (7/32 allen) and a (9/16 wrench).

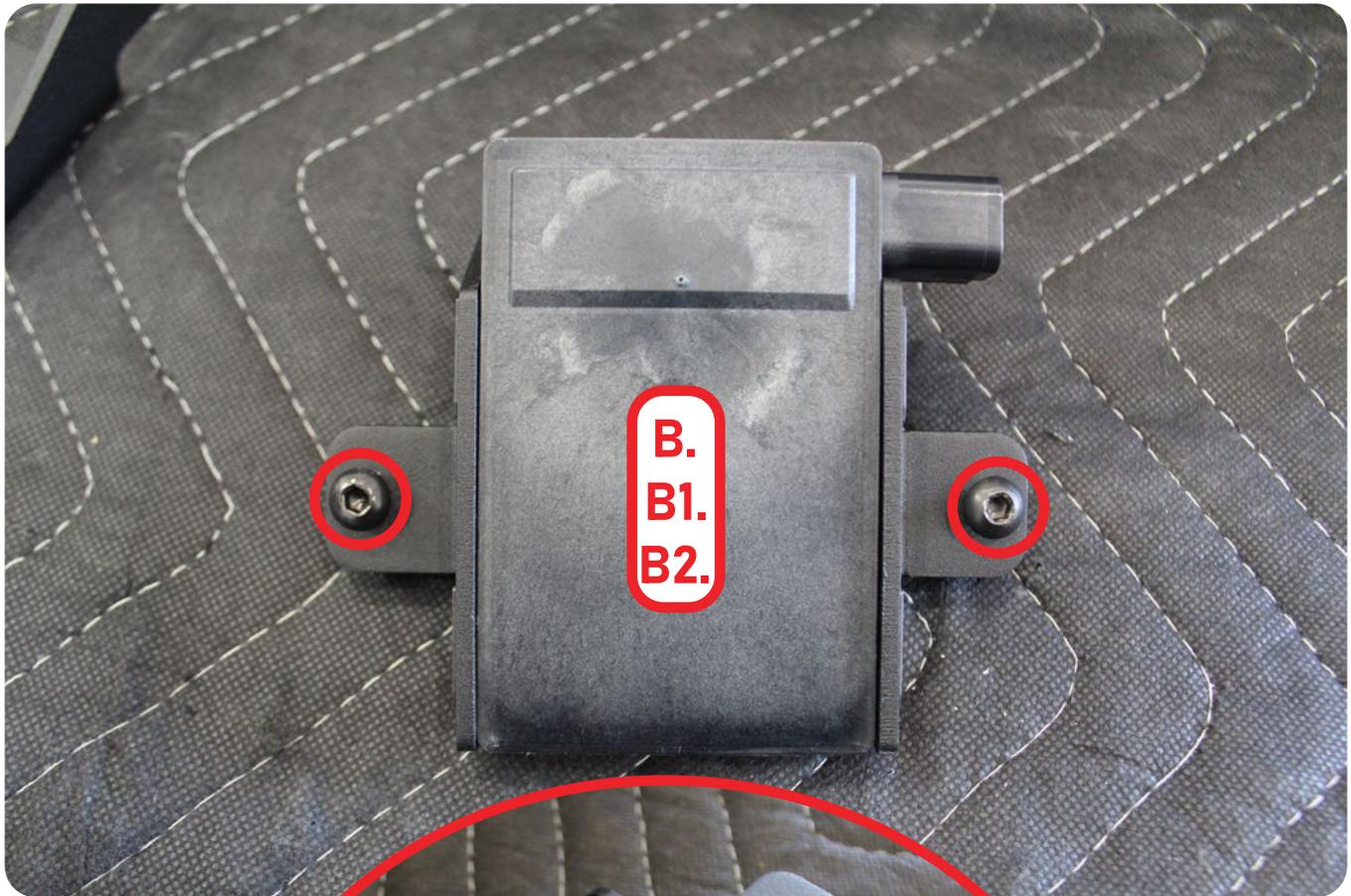


## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## INSTALL

### □ STEP 11

Install the brackets to the ACC module as shown below with the provided (B, B1, B2) 1/4" hardware using a (5/32 allen) and a (7/16 wrench).

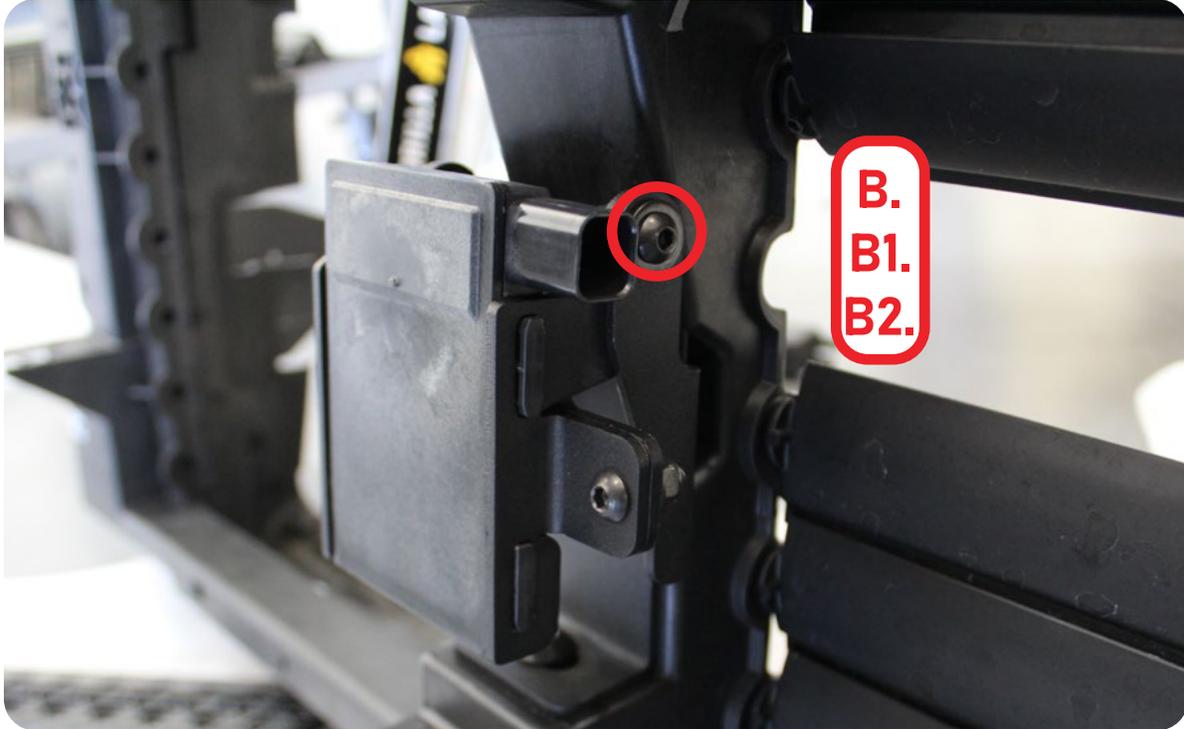


## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## INSTALL

### □ STEP 12

Install the ACC module to the bracket installed on **step 10** with the provided **(B, B1, B2, C)** 1/4" hardware and carriage bolt using a (5/32 allen) and a (7/16 wrench).





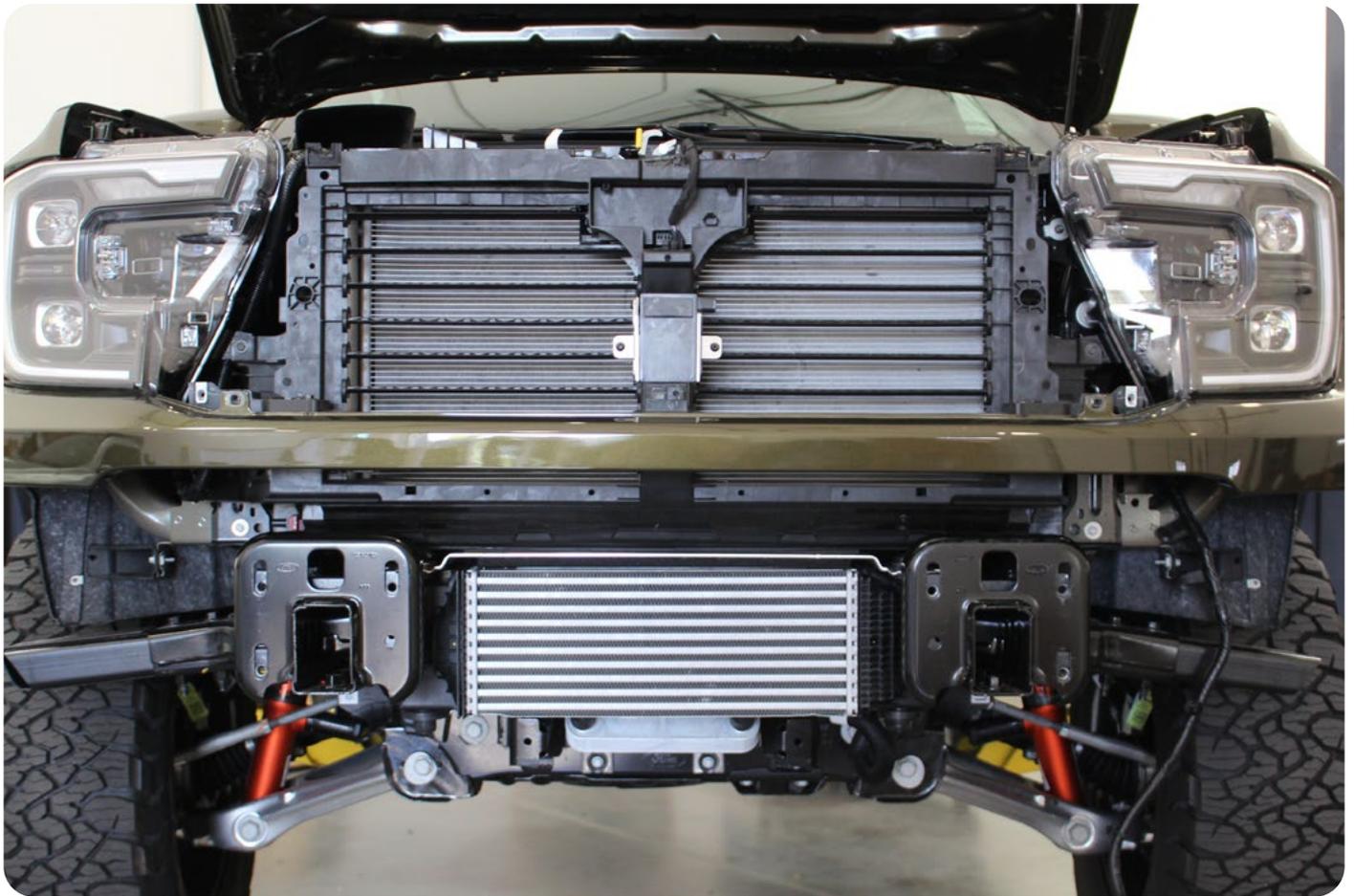
# INSTALLATION GUIDE

## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

## INSTALL

### STEP 14

Repeat steps 1-7 for the complete install.





# INSTALLATION GUIDE

## ADAPTIVE CRUISE CONTROL BRACKET 24/FORD RANGER RAPTOR

# FINAL

### STEP 15

Stand back and enjoy your new ADD Adaptive Cruise Control Bracket.

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](http://WWW.ADDICTIVEDESERTDESIGNS.COM/PATENTS)

FOR ADDITIONAL SUPPORT OR TECHNICAL QUESTIONS,  
PLEASE CALL 480-671-0820 OR  
EMAIL [INFO@ADDICTIVEDESERTDESIGNS.COM](mailto:INFO@ADDICTIVEDESERTDESIGNS.COM)