



INSTALLATION GUIDE

2022-UP/TOYOTA TUNDRA HYBRID SHUTTER MOTOR RELOCATION KIT



TOOLS REQUIRED

- 10mm, 14mm, 7/16, 1/2 Socket
- 7/16, 1/2 Wrench
- Drill
- 1/4" Drill Bit
- Jigsaw



TIME REQUIRED

- 1 hour for OEM Removal/Bracket Install

****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

****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

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



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HARDWARE

A.



5/16-18 X 1" HEX HEAD BOLT

QTY: 2

A1.



5/16" FLAT WASHER

QTY: 7

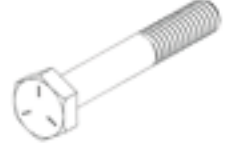
A2.



5/16-18" NYLON LOCK NUT

QTY: 3

A3.



5/16-18 X 1 1/2" HEX HEAD BOLT

QTY: 1

B.



1/4-20 X 1" HEX HEAD BOLT

QTY: 1

B1.



1/4" FLAT WASHER

QTY: 4

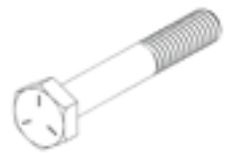
B2.



1/4-20 NYLON LOCK NUT

QTY: 2

B3.



1/4-20 X 1 1/2" HEX HEAD BOLT

QTY: 1



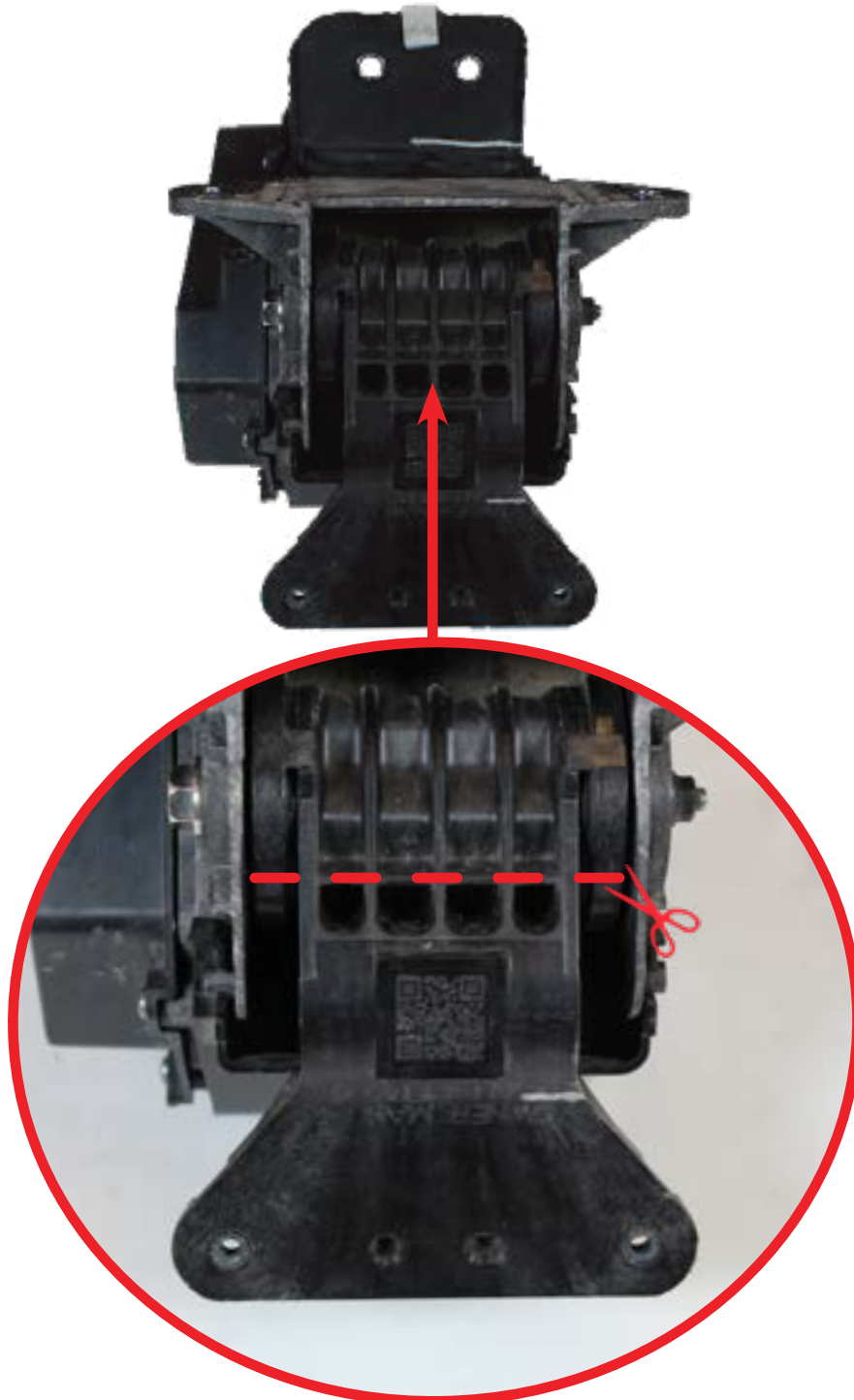
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□ STEP 1

After the air dam motor has been removed, cut along the lines as shown below with your choice of cutting tools. ****It is important to cut on the dotted line for clearance****



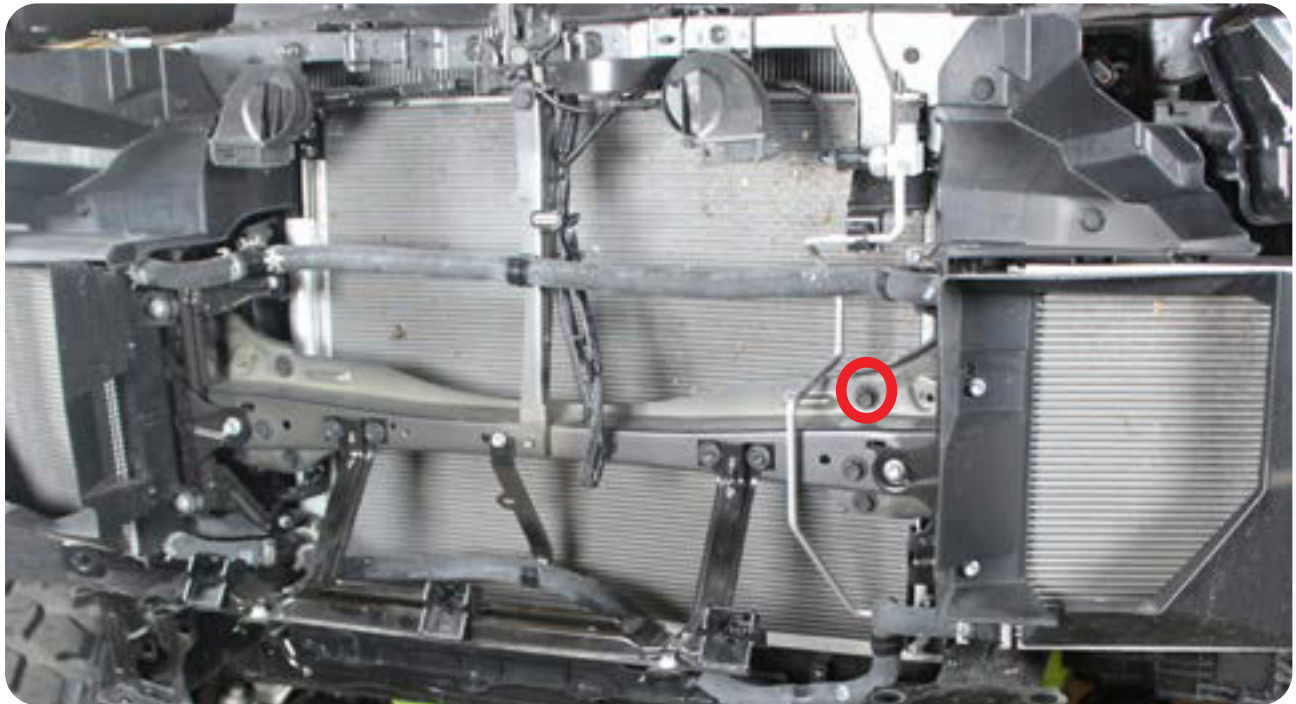


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□ STEP 2

With the shutter motor cut you can now loosely install the mounting bracket to the truck by removing the OE bolt with a 14mm socket as indicated below. With the bracket in place mark the second lower mounting hole and drill out to a 1/4" hole.





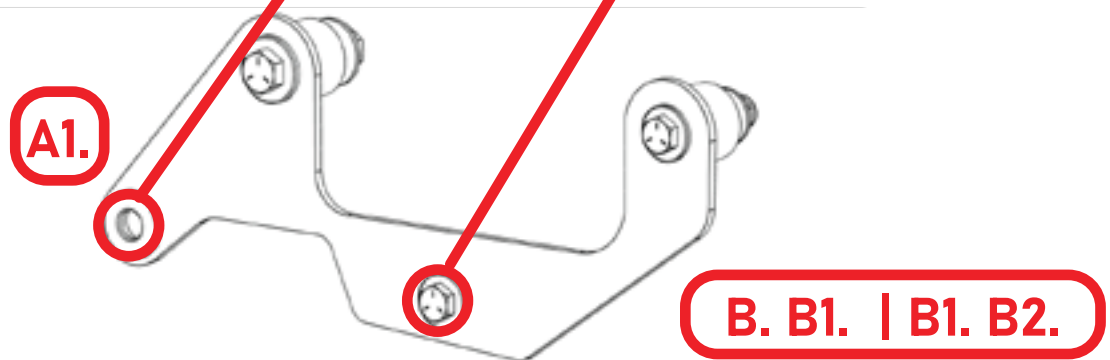
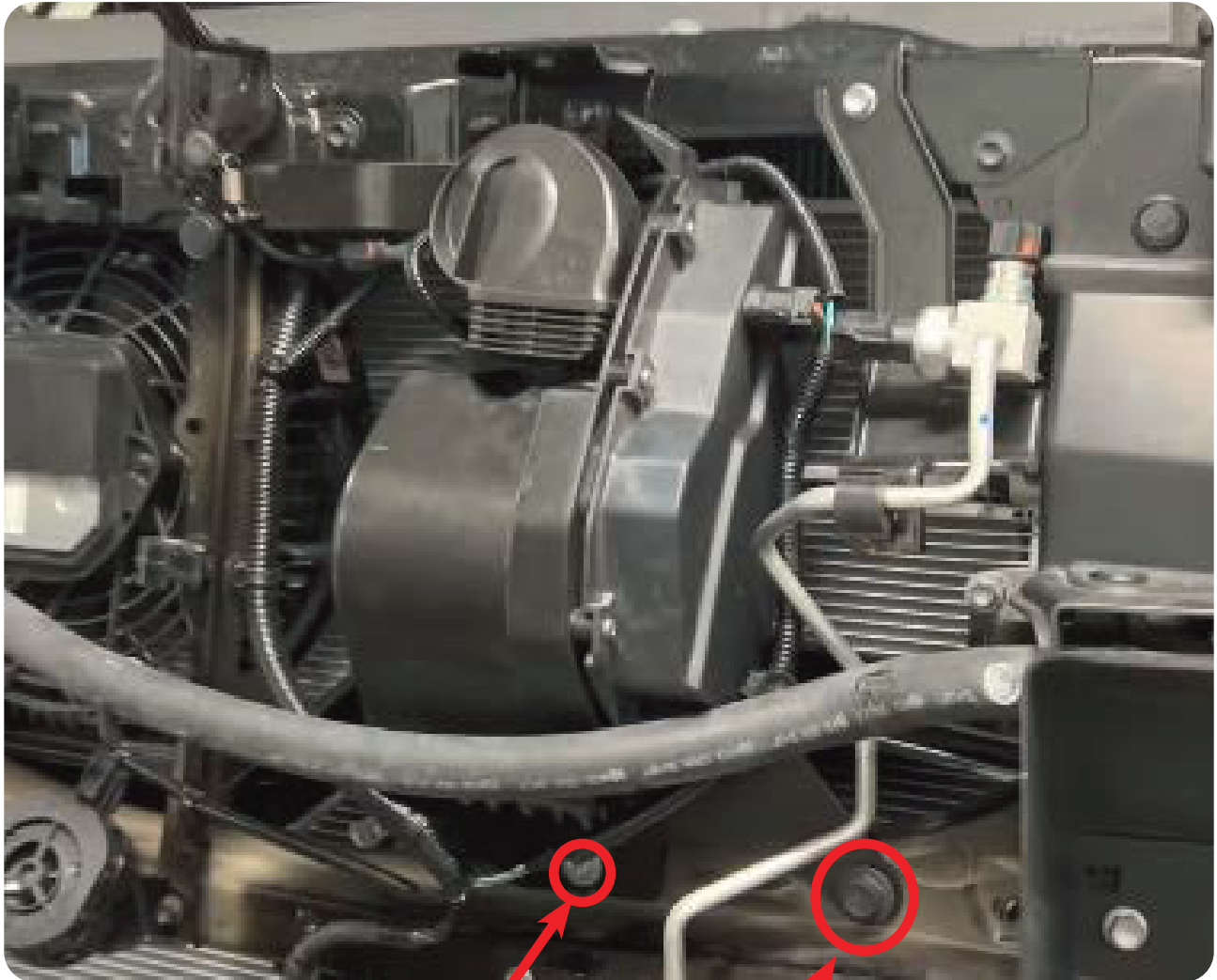
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□ STEP 3

Install the bracket as shown below using the OE hardware and the provided 1/4" hardware (B, B1, B2) and a 14mm socket and a 7/16 socket and wrench.





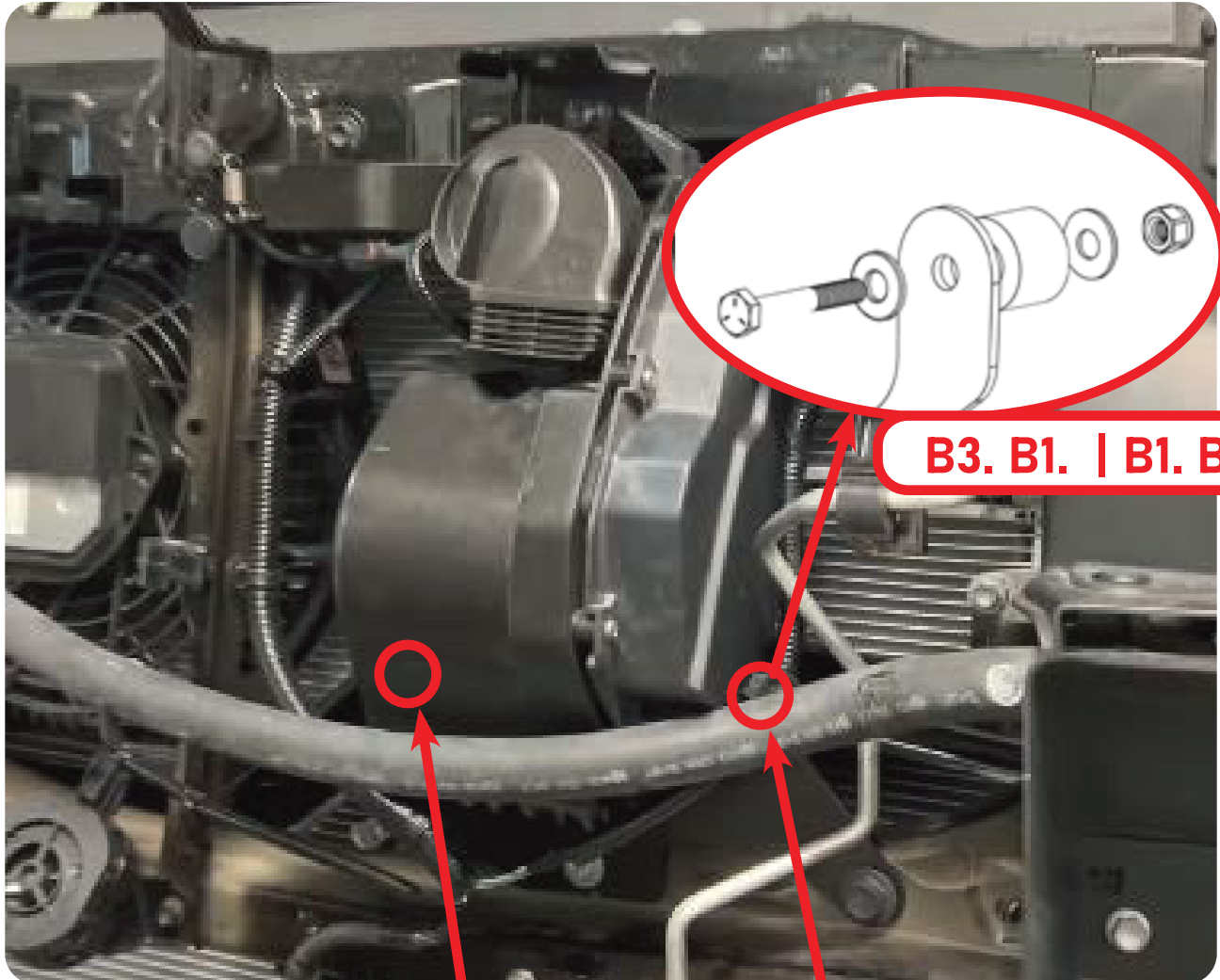
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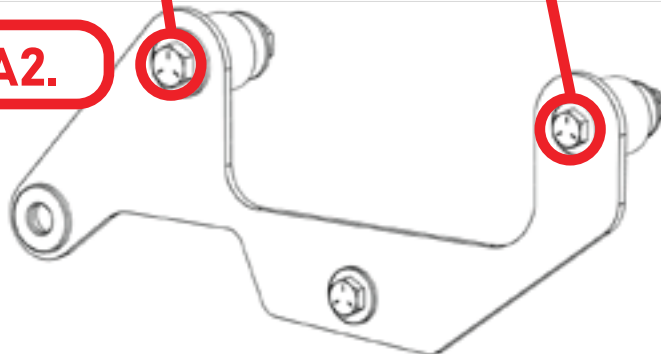
□ STEP 4

Using the provided hardware (A1, A2, A3, B1, B2, B3) 1/2 socket, and a 7/16 socket and wrench secure the shutter motor to the mounting bracket as shown below.



B3. B1. | B1. B2.

A3. A1. | A1. A2.





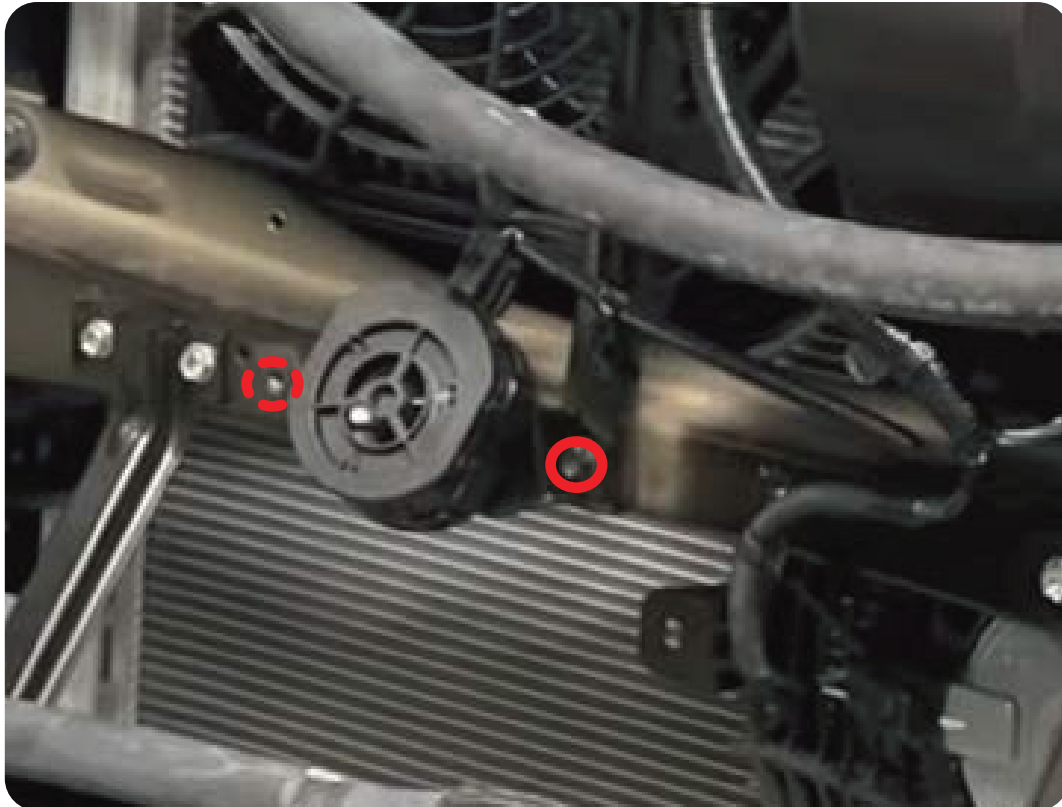
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STEP 5

Use a 10mm socket remove the OE bolt to relocate the beeper by moving it from the indicated area below to the new position circled below.





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□ STEP 6

Gently pull the A/C line towards the front of the vehicle to move it away from the mounting bracket ensure there is plenty of clearance in the area indicated below.

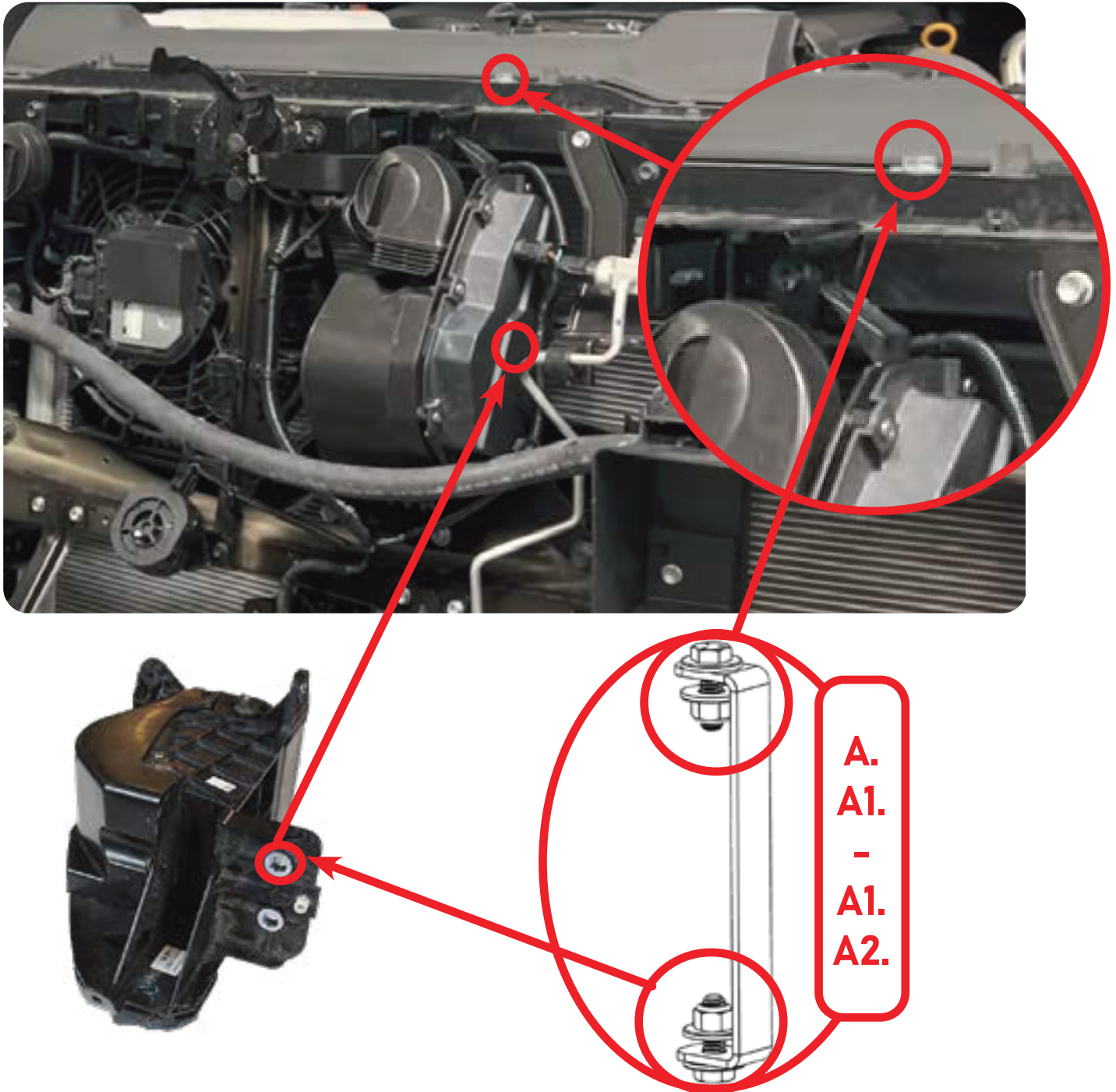


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□ STEP 7

With the shutter motor secured install the upper mounting bracket through the top core support and the hole on the back side of the motor positioning the bracket as shown below for better access using the provided 5/16" hardware (A, A1, A2) and a 1/2" socket and wrench.





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□ STEP 8

With the shutter motor installed reroute the harness and then plug in your shutter motor.

