



INSTALLATION GUIDE

21+/DODGE TRX PHANTOM FRONT BUMPER



PREPARATION

We recommend reading through the installation instructions in whole before performing the work.

- Disconnect the negative battery terminal. Park the vehicle on level ground and set the emergency brake.
- **When button head bolts are being used, install the supplied washer on the nut side. Then, hold the bolt stationary and only turn the nut to tighten. Do not turn the bolt to tighten hardware assembly, unless otherwise noted.**
- Anti-seize is recommended for all fasteners.

SKILL LEVEL

-Easy/Intermediate

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

TIME REQUIRED

- 2 hours for OEM Removal/Bumper Install
-1 Additional Hour to Wire Cube 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.****

INCLUDED IN KIT

- 4- Nylon Lock Nuts (1/2-13")
- 4- Button Head Bolts (1/2-13 X 1 1/2")
- 8- Flat Washer (1/2")
- 16- Nylon Lock Nuts (1/4-20")
- 16- Button Head Bolts (1/4-20 X 1")
- 16- Flat Washer (1/4")
- 5- Hex Head Bolt (3/8-16 x 1")
- 5- Nylon Lock Nuts (3/8-16")
- 5- Flat Washers (3/8")

TOOLS REQUIRED

- (Sockets) 7/16, 9/16, 3/4, 8mm, 10mm, 13mm, 16mm, 18mm, 21mm
- (Box wrenches) 7/16, 9/16, 3/4, 8mm, 10mm, 13mm, 16mm, 18mm 21mm
- (Allen wrenches) 5/32, 7/32, 5/16
- (Torx) T40
- Fastener remover or flathead screwdriver
- Zip ties
- Ratchet
- Grinder
- Black Paint
- Glue

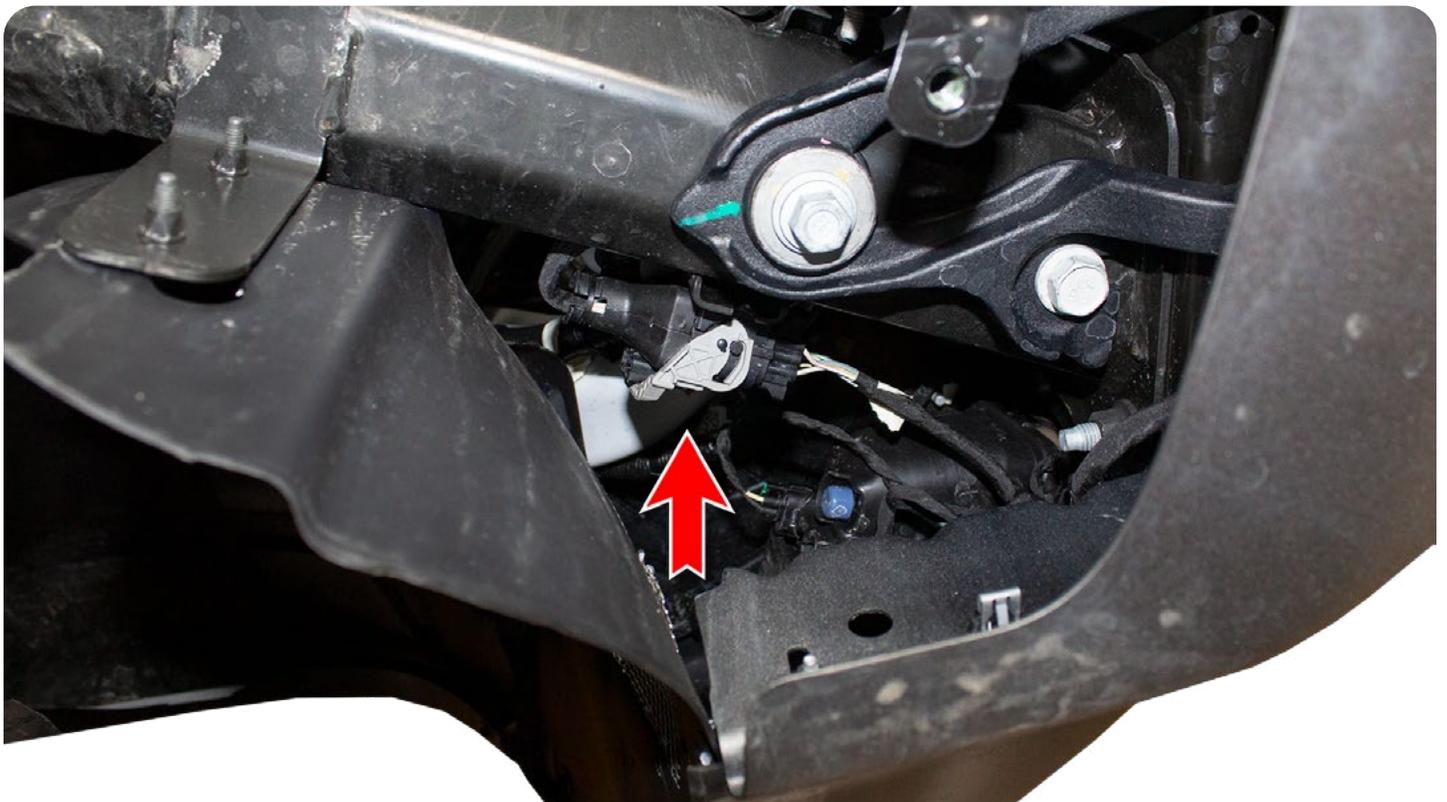
STEALTH FIGHTER REAR

21+/**DODGE TRX**

STEP 1

Using a (16mm Socket), remove the skid plate mounting bolts (x6). Then, remove the skid plate from the vehicle. From underneath the vehicle, unplug the main bumper harness connector located on the driver side of the vehicle along the frame rail.

REMOVAL

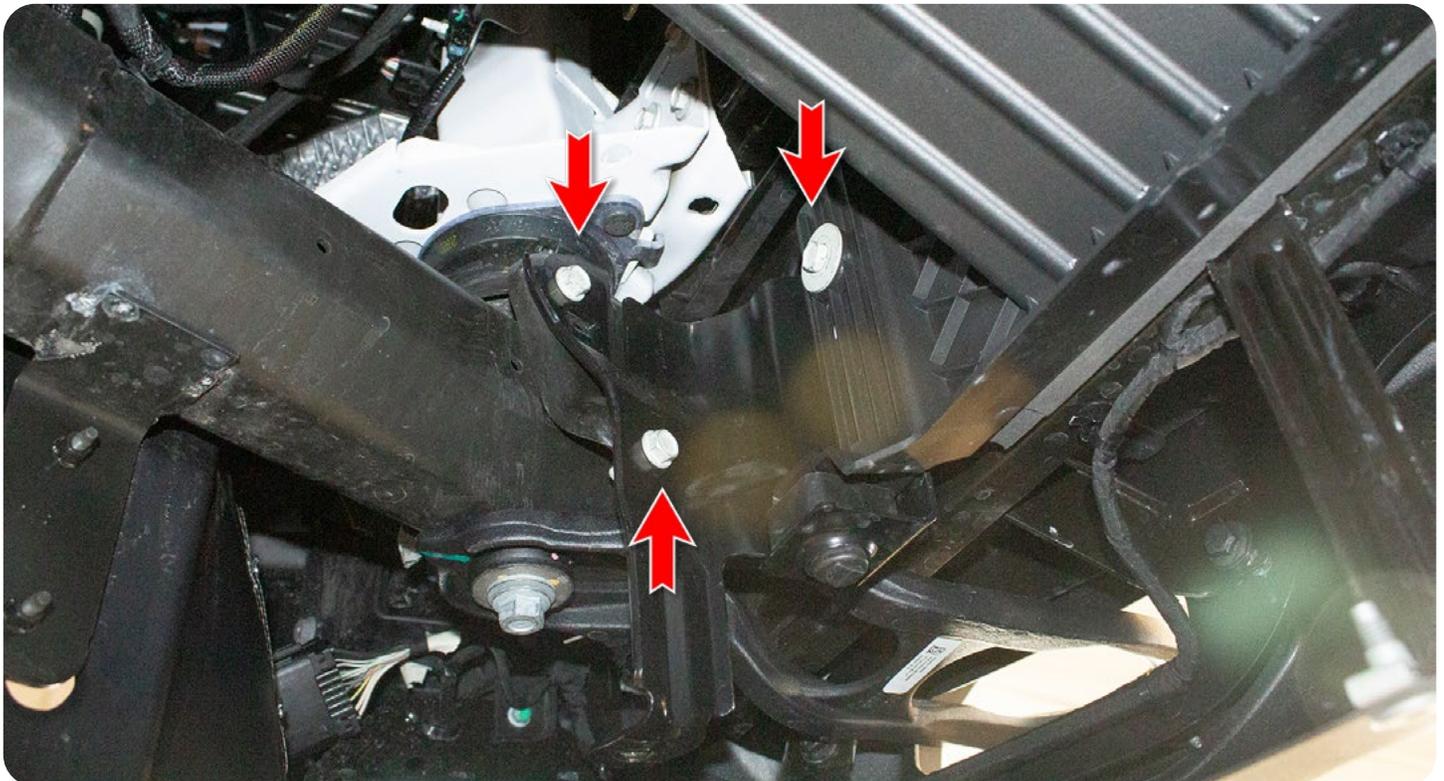


PHANTOM FRONT BUMPER

21+/**DODGE TRX**

STEP 2

Using an (8mm Socket), remove the two bolts (per side) along the front portion of each front wheel well. Then using a (13mm Socket), remove the three bolts (per side) that hold the oil cooler to the vehicle for easy access to the mount bolts.



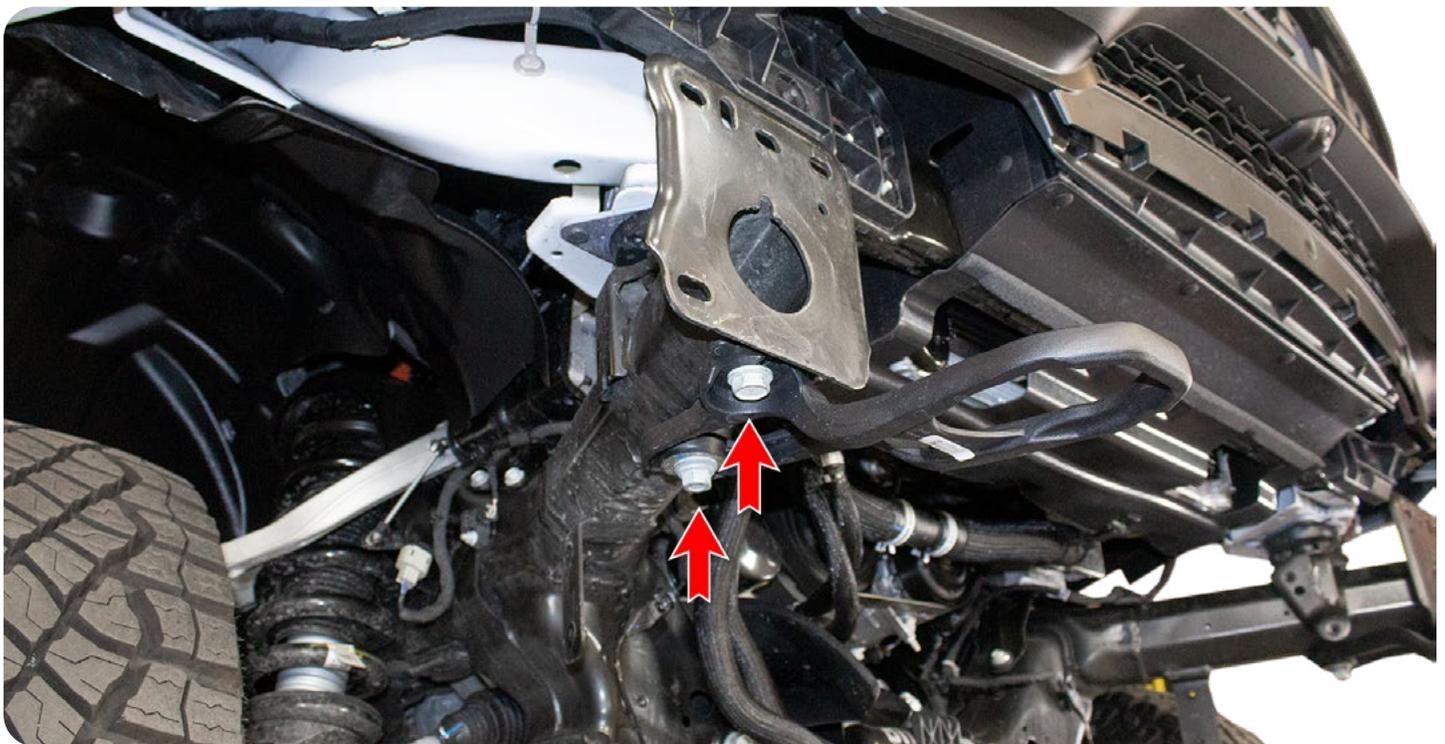
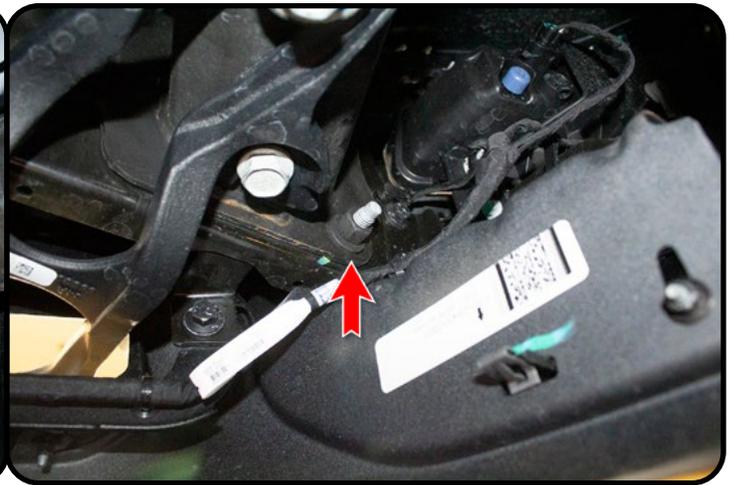
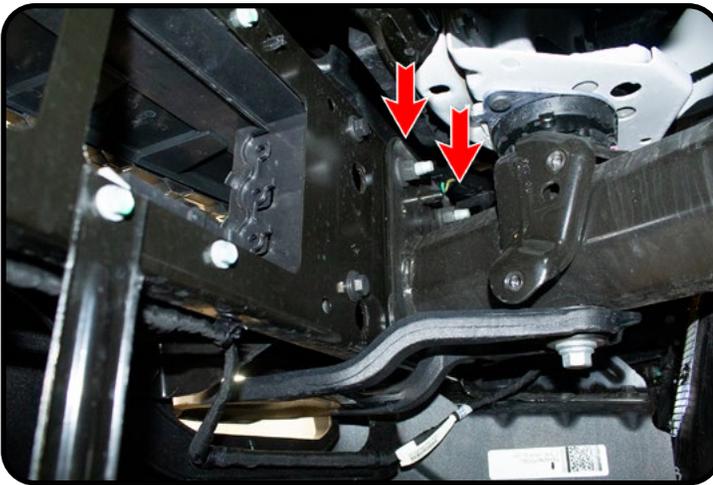
PHANTOM FRONT BUMPER

21+/**DODGE TRX**

STEP 3

Using an (18mm Socket), remove the three mounting nuts (per side) that hold the bumper to the vehicle. Then, remove the bumper from the vehicle. Then use an (18mm socket) and (21mm Socket) to remove the two tow hook.

REMOVAL



PHANTOM FRONT BUMPER

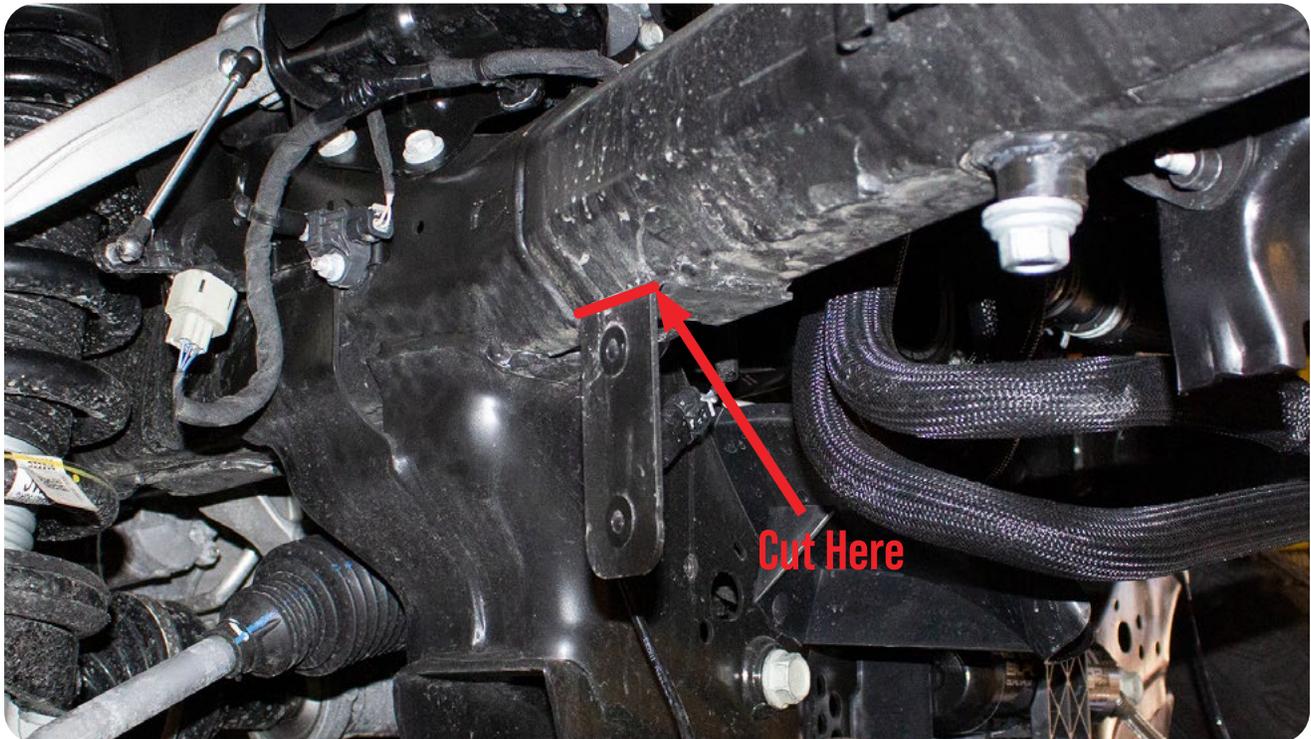
21+/DODGE TRX

□ STEP 4

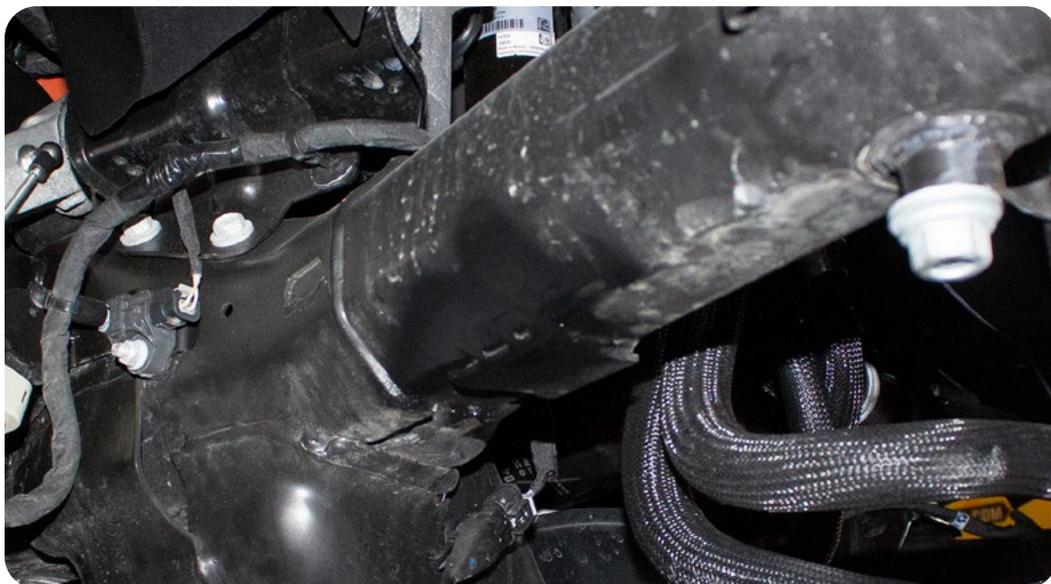
This step is optional and is done for aesthetics. Use a cutoff wheel to trim the inner fender mounting bracket as shown bellow. Make sure to paint over any bare metal.

REMOVAL

Before



After



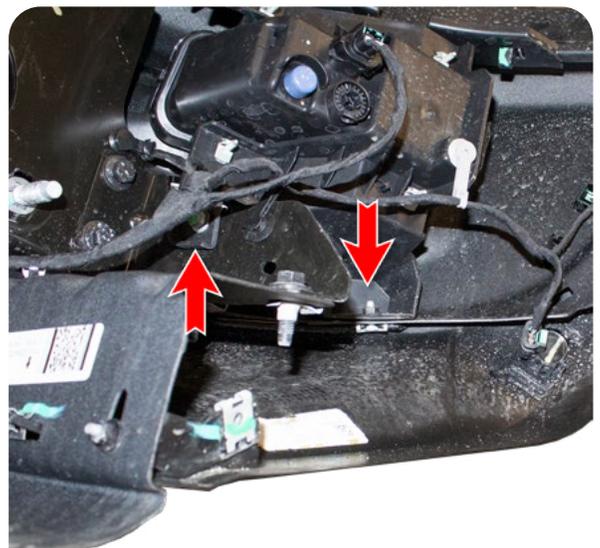
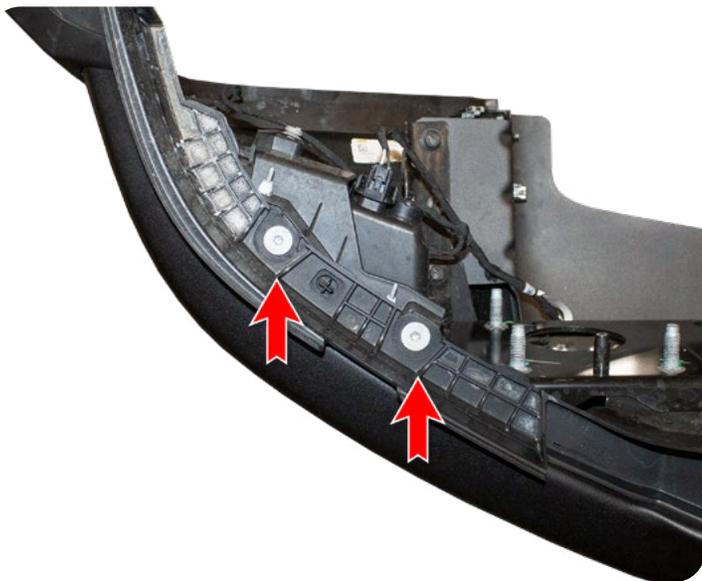
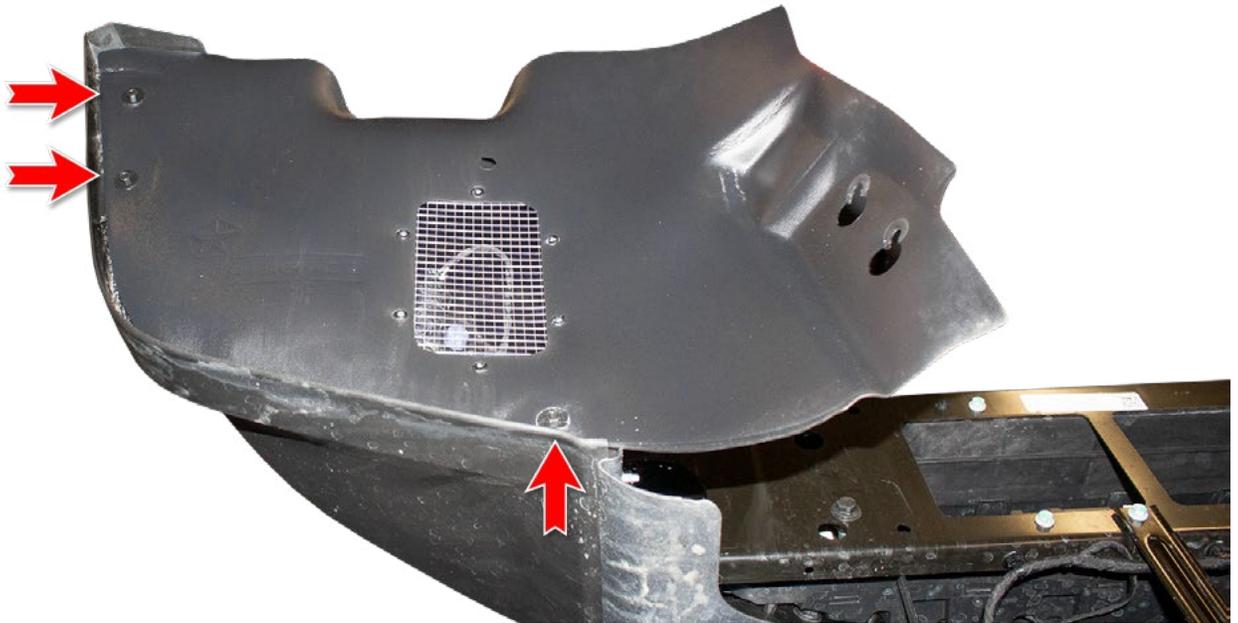
PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 5

Use an (8mm Socket) to remove the three mounting bolts (per side) that hold the inner liner to the bumper. Remove the fog lights from the OEM bumper. To do this, remove the two vertical facing bolts (T40 Torx Socket) along the top side of the fog light. Then, remove the (10mm bolt) and nut along the bottom side of the fog light piece. Unplug the fog light and remove.

REMOVAL

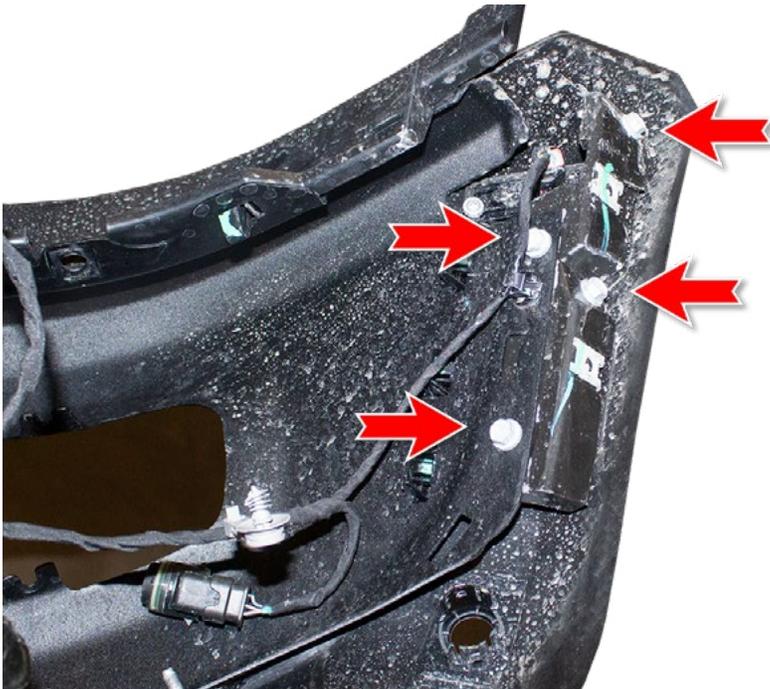
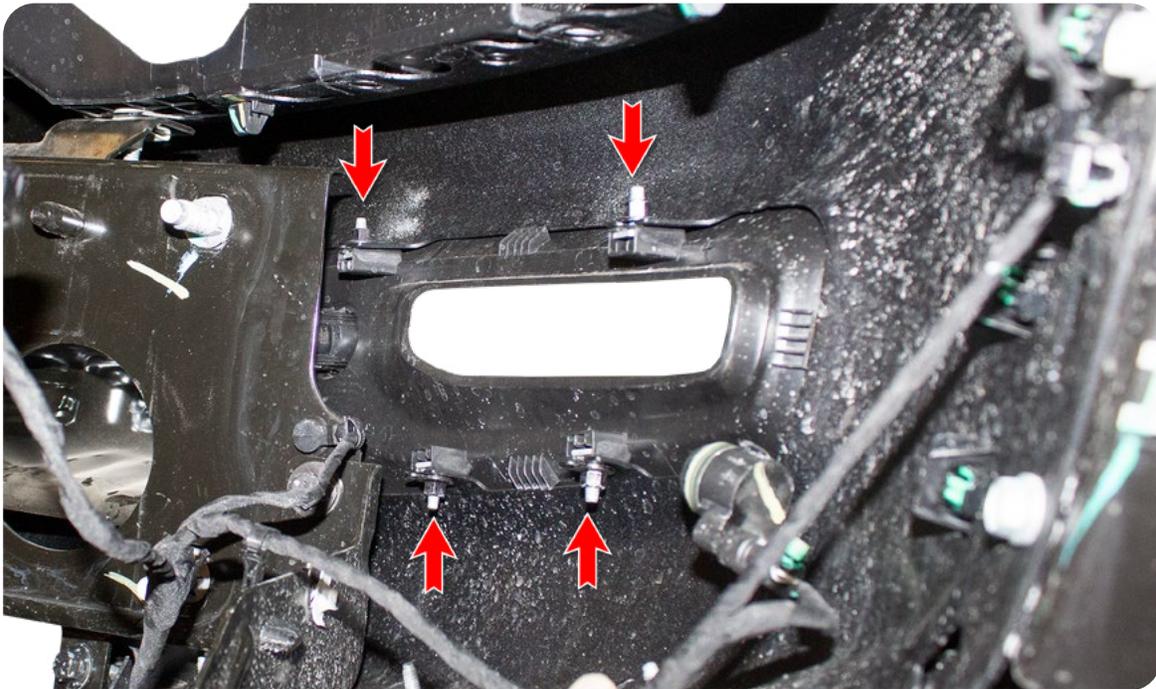


PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 6

Use an (8mm Socket) to remove the mounting nuts that hold the fog light trim piece and the sensor bezels. Then use a (10mm Socket) to remove the four bolts that hold the plastic trim piece to the edge of the OEM bumper. Then, remove that piece and use a Phillip's Head Screwdriver to remove the two marker light mounting screws. Remove the marker lights from the bumper.



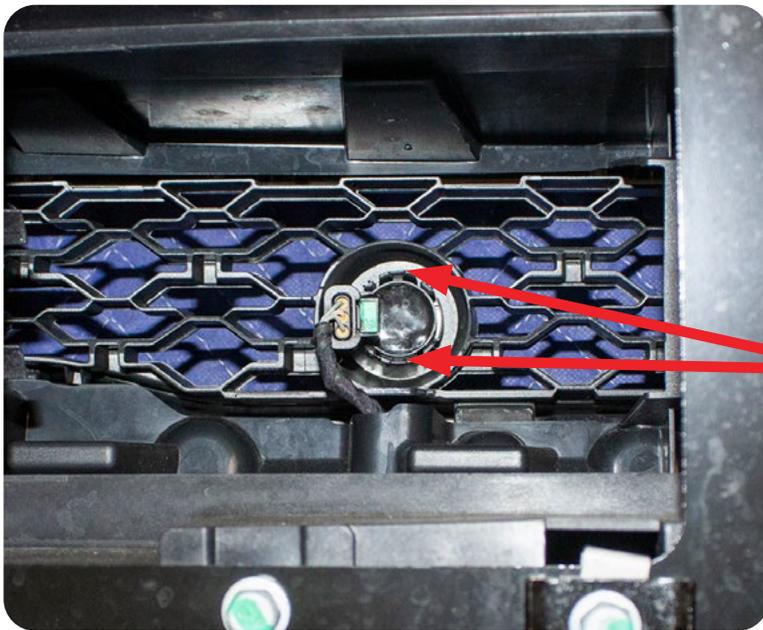
PHANTOM FRONT BUMPER

21+/DODGE TRX

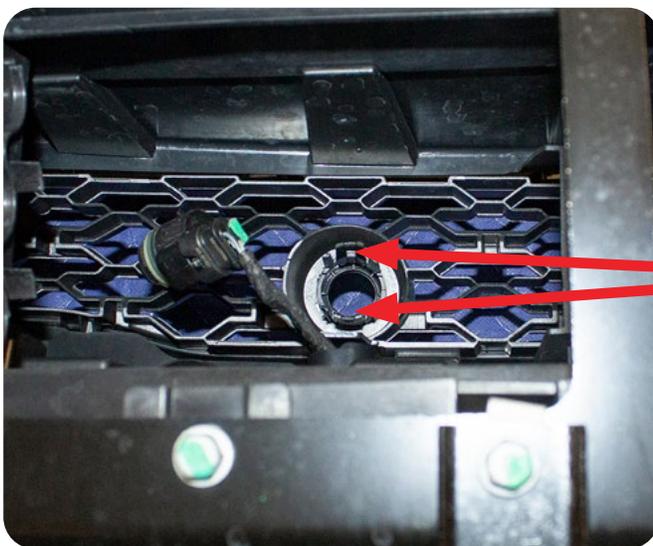
☐ STEP 7

Remove the four parking sensors from their mounting rings. To do this, spread the tabs on the back side of the rings and push the sensors out the back side. Then remove the bezels. Make sure to keep track of the position/orientation they come off your OEM bumper so you can reinstall them in the same position/orientation on your new bumper. ****Only remove the 4 inner sensor bezels NOT the outer bezels****

REMOVAL



Spread these two tabs to release the parking sensor from its mounting



Squeeze these two tabs to release the mounting rings from the bumper

PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 8

Install the OEM marker lights onto your new bumper. To do this, use the supplied #8 Bolts (2 per side), #8 Washers (2 per side) and #8 Lock Nuts (2 per side). Do not over tighten these bolts or the plastic on the light will break.



PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 9

Install the parking sensor mounts on the outer ends using the 1/4" button head bolts, washers, and nylon lock nuts using a (5/32 allen) and (7/16 wrench). (Repeat on other side)





INSTALLATION GUIDE

PHANTOM FRONT BUMPER

21+ / DODGE TRX

STEP 10

Install the light mount brackets using the provided 1/4" button head bolts, washers, and nylon lock nuts using (5/32 allen wrench) and a (7/16 wrench). (Repeat on other side)

INSTALLATION

OUTSIDE

INSIDE

SHORT



LONG



PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 11

Install the parking sensor mounts on the inner and mid section located above the top mounting hole using the 1/4" button head bolts, washers, and nylon lock nuts using a (5/32 allen) and (7/16 wrench). (Repeat on other side)

INSTALLATION





INSTALLATION GUIDE

PHANTOM FRONT BUMPER

21+/DODGE TRX

INSTALLATION



PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 12

Install the inner four parking sensor bezels onto your new bumper. Do this by pressing them into their precut holes until they click into place. Make sure to install them in the same position/orientation as they came off your OEM bumper.



PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 13

On the two outer sensor locations install the sensors in the provided bezels with the skinny side facing up. You will notice that one side will be oriented the same as factory and the driver side will be 180 degrees opposite. ****Also note that the sensor plug needs to be 90 degrees to the ground**** If your sensor bezel is loose in the bumper and can easily be rotated we recommend applying a small dab of silicone or epoxy to the back side to prevent them from rotating.

INSTALLATION



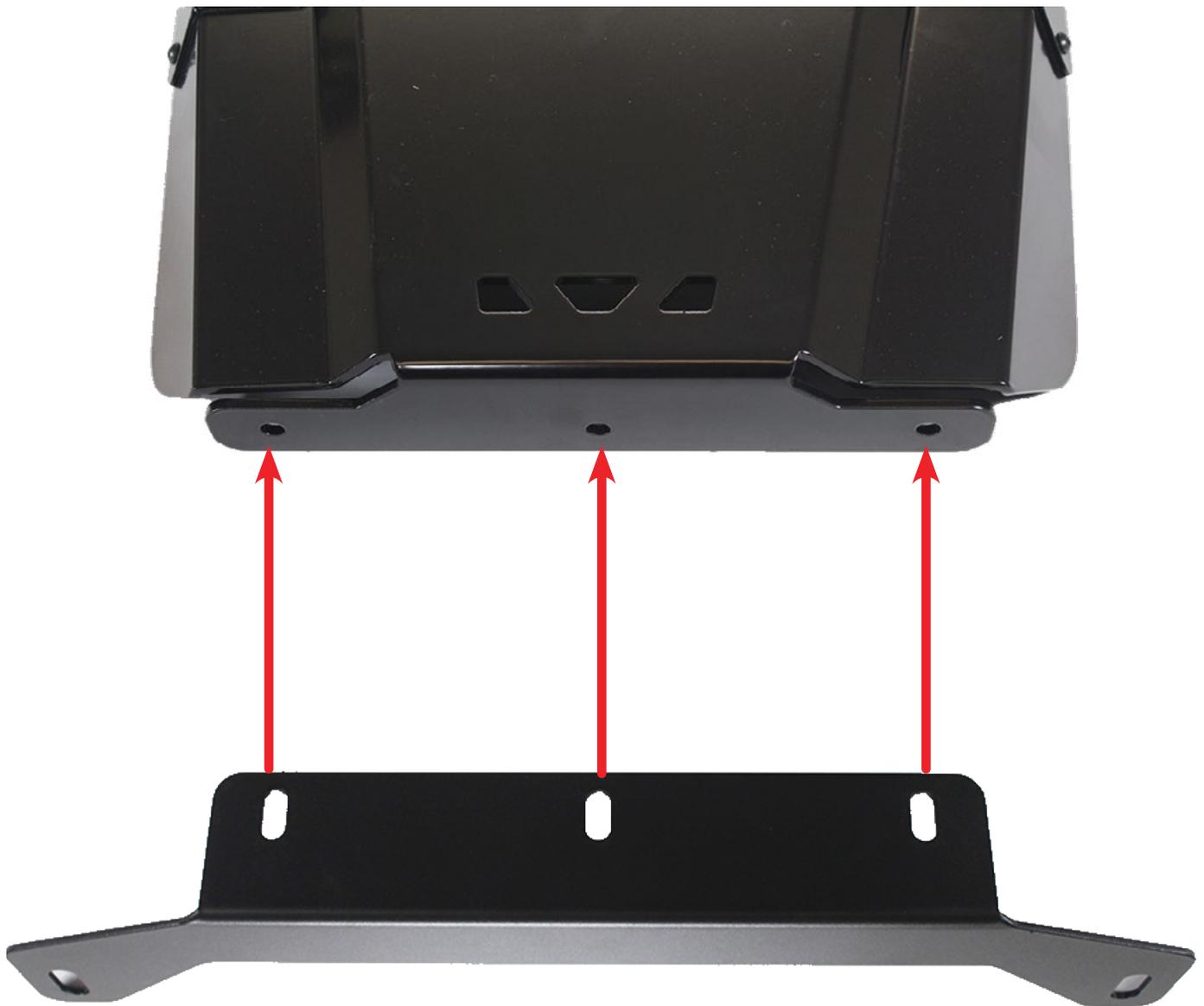
PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 14

Assemble the skid plate bottom mount to the skid plate using the provided 3/8" button head bolts, washers, nylon lock nuts with a (7/32 allen wrench) and (9/16 wrench).

INSTALLATION



PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 15

Install the skid plate to the bumper with the provided 3/8" button head bolts, washers, and nylon lock nuts using a (7/32 allen wrench) and (9/16 wrench).

INSTALLATION





INSTALLATION GUIDE

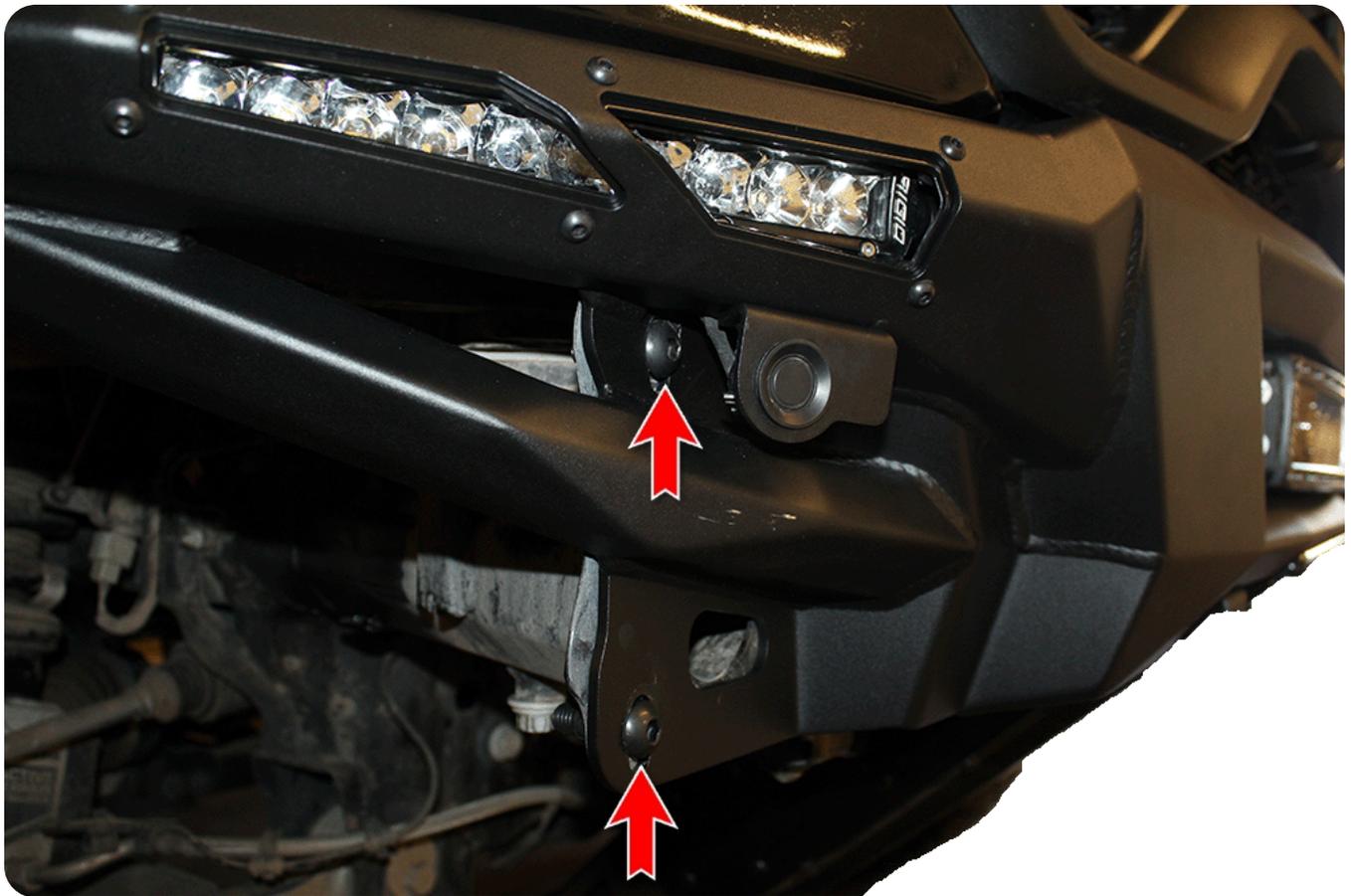
PHANTOM FRONT BUMPER

21+/DODGE TRX

STEP 16

You can now install your Phantom front bumper with the provided 1/2" button head bolts, washers, and nylon lock nuts on both top and bottom outer mounting holes using a (5/16 allen wrench) and (3/4 wrench).

INSTALLATION





INSTALLATION GUIDE

PHANTOM FRONT BUMPER

21+/DODGE TRX

STEP 17

Use the OEM skid plate bolts to mount the ADD skid plate using a (16mm socket).

INSTALLATION



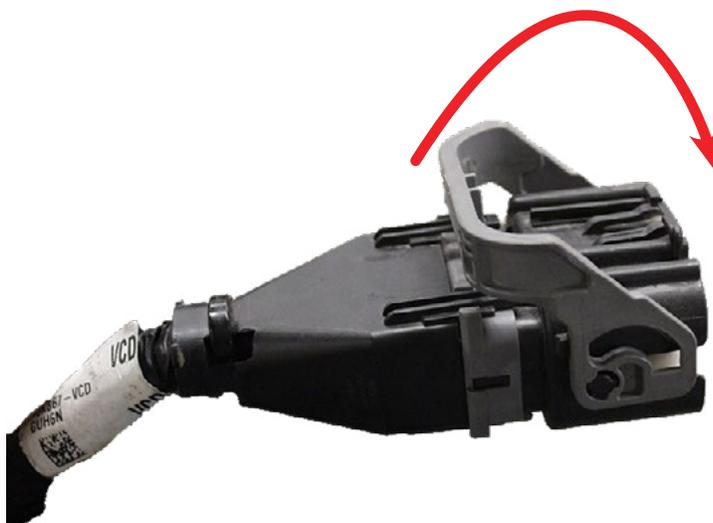
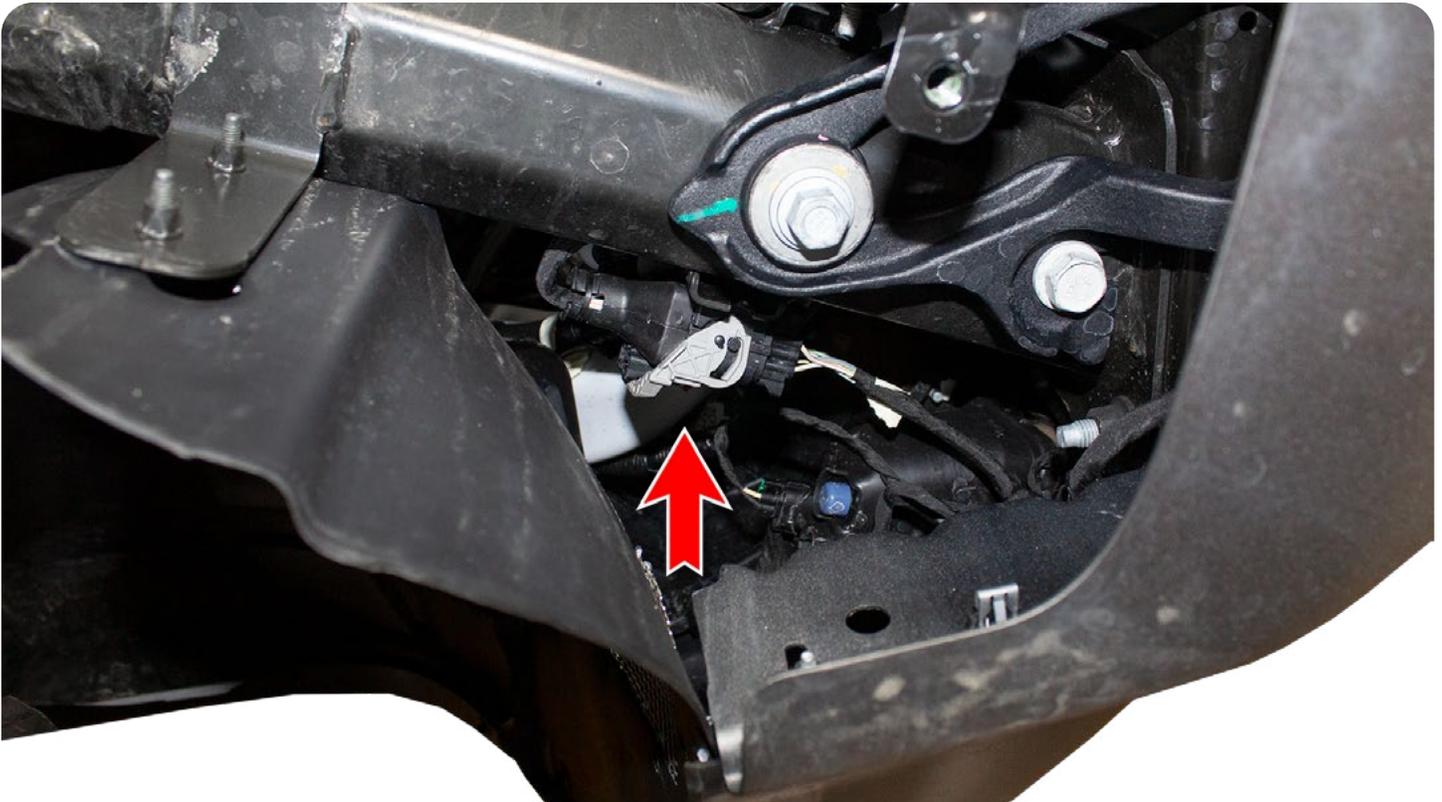
PHANTOM FRONT BUMPER

21+/DODGE TRX

□ STEP 18

Plug in the wire harness. ****Ensure the clip is fully pushed down when plugged in as shown below****

INSTALLATION





INSTALLATION GUIDE

PHANTOM FRONT BUMPER

21+/**DODGE TRX**

FINAL

STEP 1

Stand back and enjoy your new ADD Phantom™ Front Bumper.

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