

CENTER MOUNT FRONT BUMPER

16-23 TOYOTA TACOMA

FBTT1-05



TOOLS REQUIRED

- Trim Clip Tool
- 10, 17mm Socket
- 14mm Deep Socket
- 13mm Socket
- #4 Allen Bit
- Cutting Tool of Choice
- File

SKILL LEVEL

- Novice/Intermediate
 - 1 (you) to 2 persons
- Little skill level required, you can install it by yourself however, additional help is recommended.

TIME REQUIRED

- 4 Hours
- Time to install this should only take about four hours.

WARNINGS/CAUTIONS BEFORE STARTING INSTALLATION

Before you install this kit – Read and understand all instructions, warnings, cautions, and 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: 855-680-9595

DV8 Offroad 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

- Always wear eye protection when operating power tools

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



INSTALLATION MANUAL

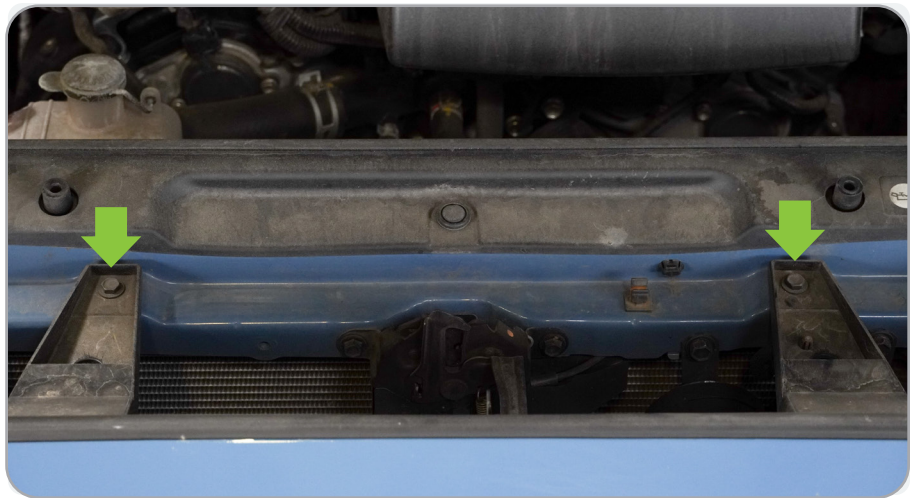
Begin by unpacking all items and inspecting for missing pieces or damage. If you have any concerns, please contact the company the product was purchased from. Extra hardware may be included with the product.

HARDWARE INCLUDED

- | | |
|----------------------------|------------------------|
| (6) M14x35mm Hex Bolts | (4) M8 Flat Washers |
| (6) M14 Nylon Lock Nuts | (6) M6x20mm Hex Bolts |
| (12) M14 Flat Washers | (6) M6 Nylon Lock Nuts |
| (2) M8x20 Allen Head Bolts | (16) M6 Flat Washers |
| (2) M8 Lock Nuts | |



STEP 1 | With the hood open, using a 10mm socket, remove the two bolts securing grille to the vehicle.



INSTALLATION MANUAL

STEP 2 | Use the push pin removal tool to remove the two plastic push pins located on both sides of the grille.



STEP 3 | Use the push pin removal tool to unplug the air sensor harness on the backside of the grille.



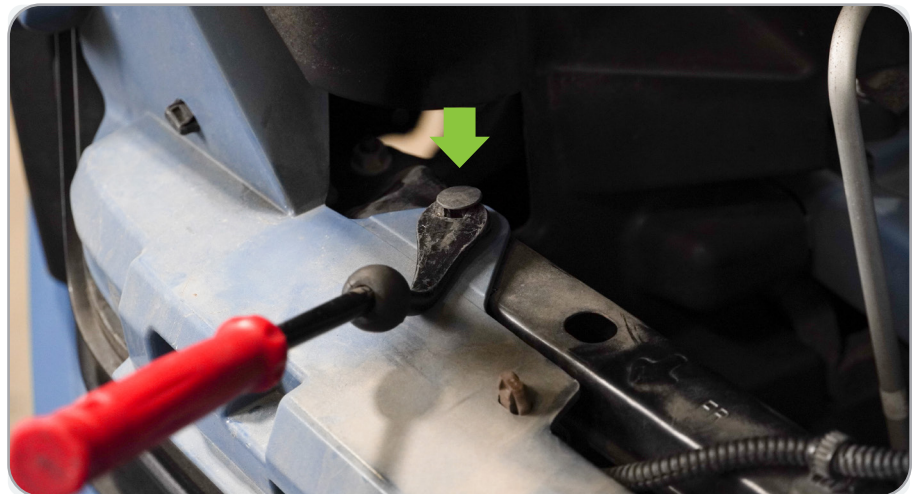
INSTALLATION MANUAL

STEP 4 | Remove the grille, by pulling straight out towards the front of the vehicle.

NOTE: Avoid pulling at an angle to prevent damage to grille clips.



STEP 5 | Using push pin removal tool, remove the four push pins securing the bumper to the vehicle.



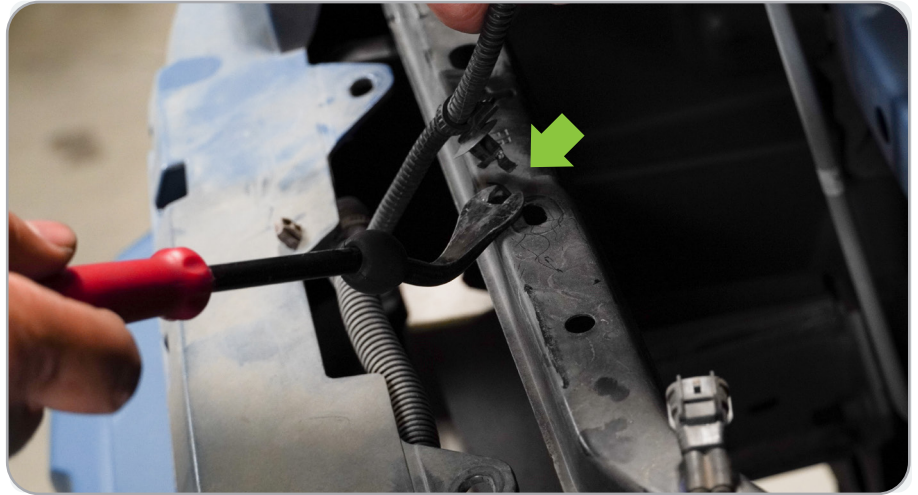
INSTALLATION MANUAL

STEP 6 | Unclip the fog light harness located on top of the bumper in front of radiator.



INSTALLATION MANUAL

STEP 7 | Using the push pin removal tool, remove the push pin holding the fog light harness from the bumper support cross-member.



STEP 8 | In each fender, remove the first two bolts closest to the front of the vehicle using an 10mm. There are two clips securing the front section of the fender to the bumper. To remove these clips, reach inside the wheel well and squeeze the pushdown tabs and push clips out.

NOTE: Fender should only be partially removed.



INSTALLATION MANUAL

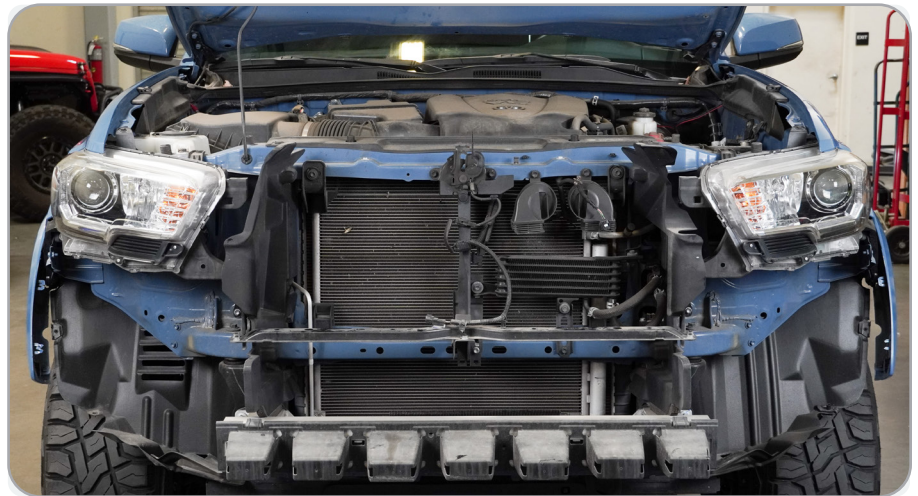
STEP 9 | Using a 10mm remove the nine factory bolts on the bottom of the bumper.



INSTALLATION MANUAL

STEP 10 | Remove bumper pulling it forward from the vehicle.

NOTE: Pull under each headlight straight out to release hidden clips holding the bumper to the vehicle

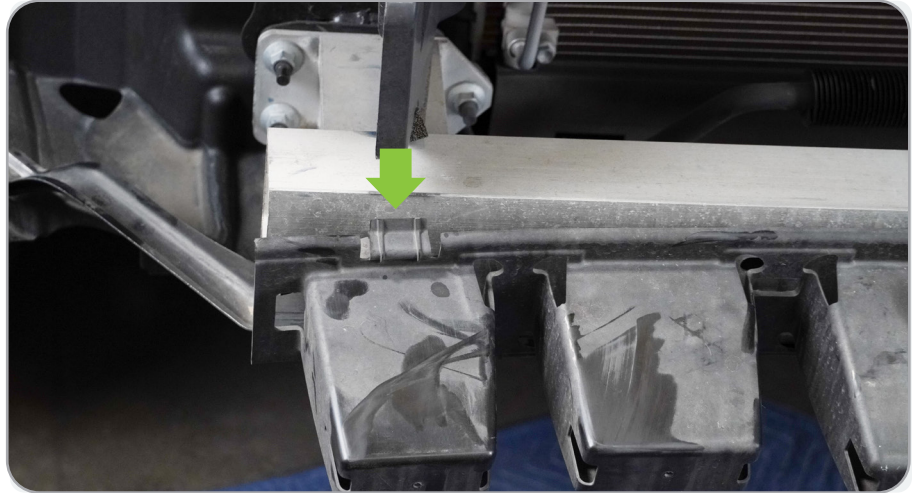


STEP 11 | Disconnect the wheel well orange clips crash bar support



INSTALLATION MANUAL

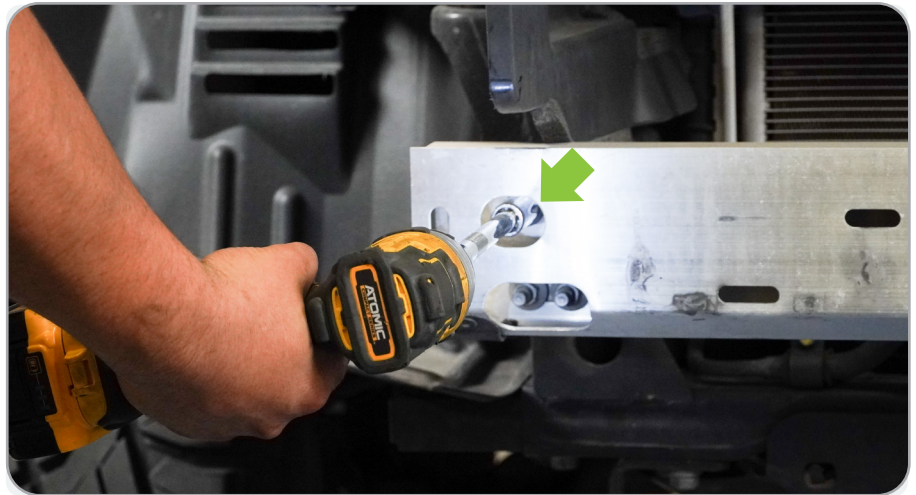
STEP 12 | Remove the black plastic insert from the aluminum crash bar by squeezing the backside of the clips and pulling away from the vehicle.



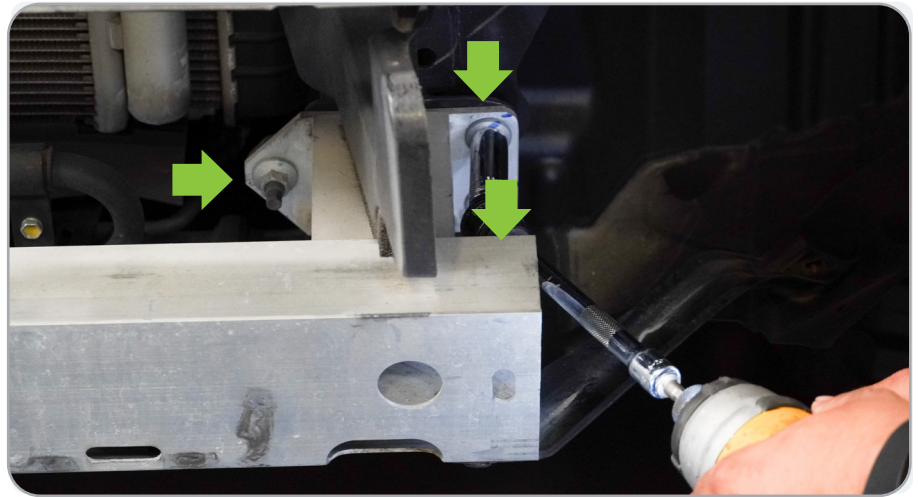
INSTALLATION MANUAL

STEP 13 | Using a 14mm deep well socket, loosen three of the nuts to release tension on the crash bar mount.

NOTE: Only one side must be loosened to relieve tension on the assembly. If you do not do this, you will damage the threads on the frame mounting location.



STEP 14 | Using the 14mm socket or wrench, remove the three nuts located on both sides of the crash bar. Remove crash bar and set off to the side since this will not be reused.



INSTALLATION MANUAL

STEP 15 | Using a 17mm socket, remove the two bolts securing the “L” brackets located on both ends of the underside of the front frame cross-member



STEP 16 | Using the 17mm socket, remove the remaining bolt on the underside of the front frame cross-member to remove the frame extension. Repeat on opposite side.



INSTALLATION MANUAL

STEP 17 | Remove the front fascia from the bumper by releasing the clips that are securing it.

Use a trim clip tool if necessary.

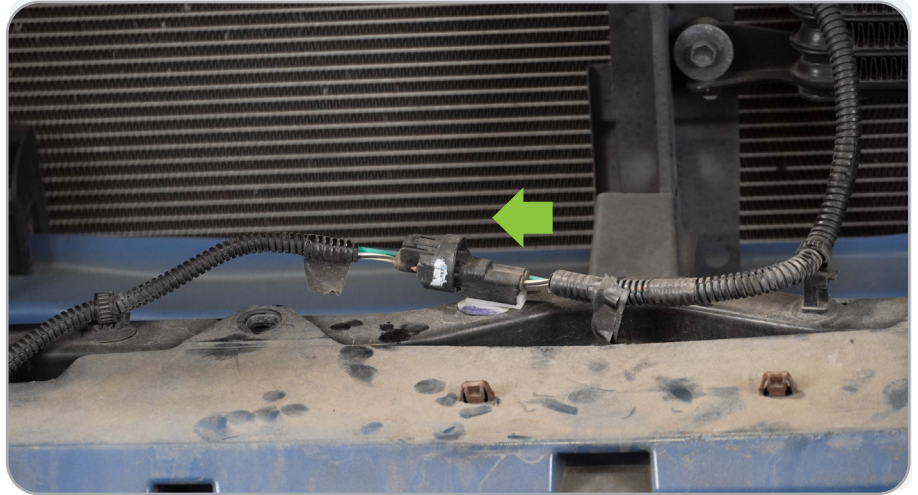


STEP 18 | With the center portion removed, re-install the lower bumper portion and secure using the factory hardware and trim clips.



INSTALLATION MANUAL

STEP 19 | Re-connect any wiring harnesses located above the bumper and in front of the radiator. Re-install any Christmas tree clips to secure the wiring harness to the vehicle.



STEP 20 | Re-install the fenders by pressing the clips into place and secure using the factory hardware with a 10mm socket.

Re-install the inner fenders.



INSTALLATION MANUAL

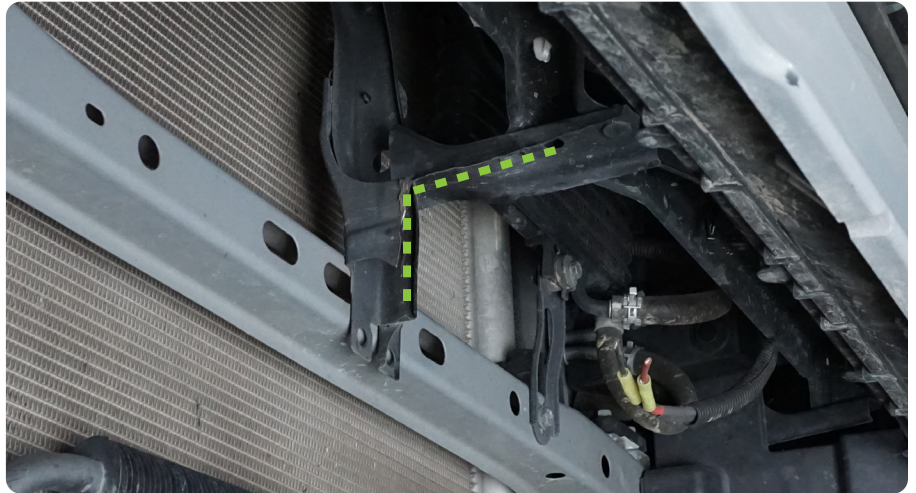
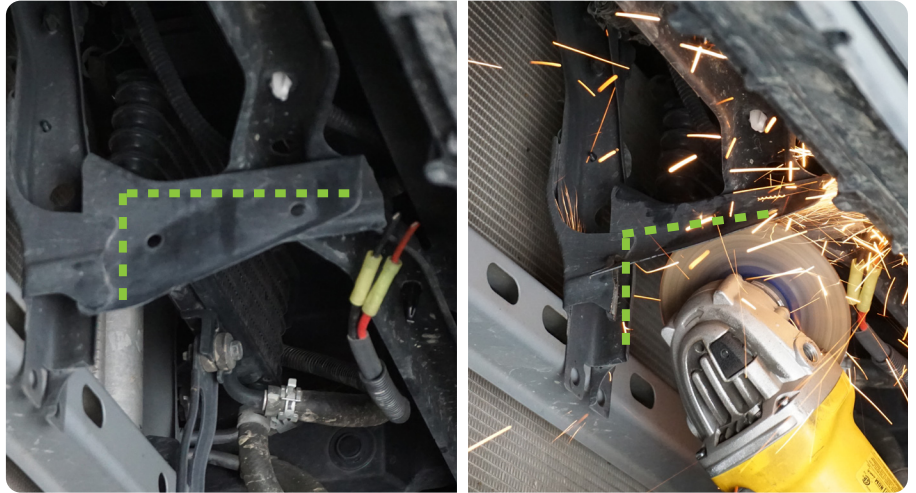
STEP 21 | Using preferred cutting tool, cut the lower valance support off.

Clean up any rough edges.



INSTALLATION MANUAL

STEP 22 | Using your preferred cutting tool, cut the grille support bracket as shown.



STEP 23 | Unbolt the power steering cooler from the frame. Use the provided relocation brackets with the provided M8 hardware to move the cooler closer to the A/C Condenser.

Use a 13mm wrench.

TECH TIP: If the cooler will not move back, follow the cooler line on the passenger side frame rail and unbolt the line to allow movement.

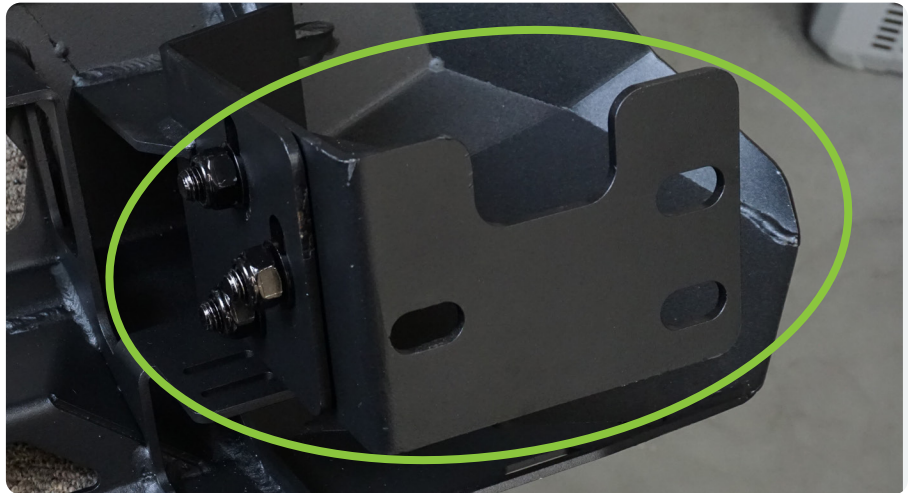


INSTALLATION MANUAL

STEP 24 | Using the provided M14 hardware loosely mount the bumper mounting brackets to the bumper using the factory hardware.

The hardware should be tight enough that there is no movement, but the brackets can still be adjusted with a little force.

It is best to start the brackets adjusted as far back as possible. Once the bumper is loosely mounted, it can be pressed into the proper position.



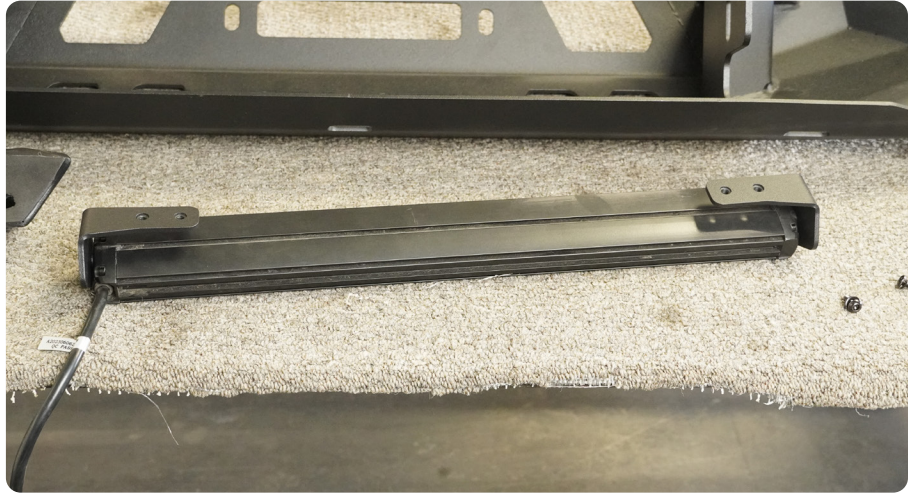
STEP 25 | If you are planning to run the optional bull bar, install the provided foam pieces on to the bull bar mounting base as shown.



STEP 26 | If planning to run a light in the bull bar, install the light using the brackets included in the bumper kit and the hardware provided with the light.



INSTALLATION MANUAL



STEP 27 | Center the light onto the bull bar. Using a #4 Allen tool and the provide (4) M6 Allen head bolts secure the light to the bull bar.

Use (1) flat washer per M6 Allen head bolt.



STEP 28 | Install the bull bar using a 10mm wrench, #4 Allen head tool, (6) M6 Allen head bolts and (6) Nylon lock nuts.

Thread the M6 Allen head bolts through the bumper first then into the bull bar so that the nylon lock nut is at the top.

Note: use (2) flat washer per Allen head bolt. One on the Allen head side and one on the Nylon lock nut side.



INSTALLATION MANUAL

STEP 29 | If planning to run a winch, install the fair-lead at this time.

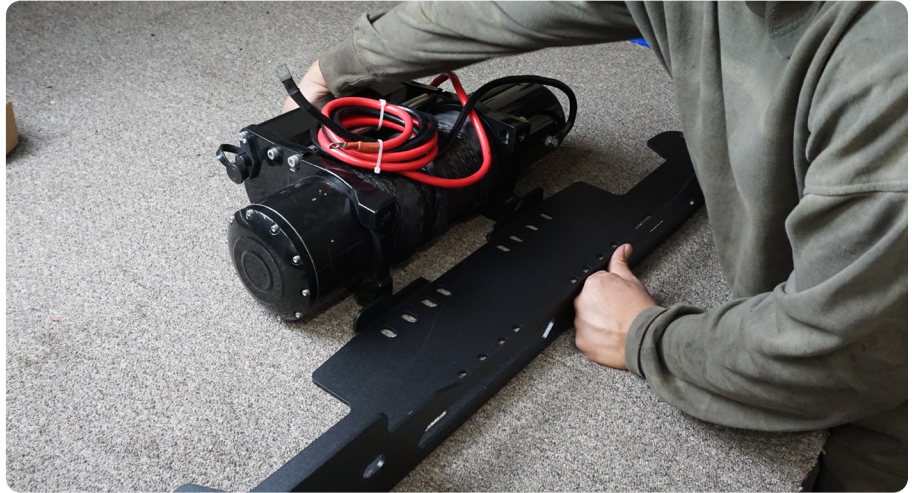
For this install we chose the DV8 Offroad Pocket Fairlead for synthetic rope winches.



INSTALLATION MANUAL

STEP 31 | If you are running a winch, install it on the winch plate at this time using the hardware provided with the winch.

For this install we choose the DV8 Offroad 12K Lbs winch with synthetic rope.



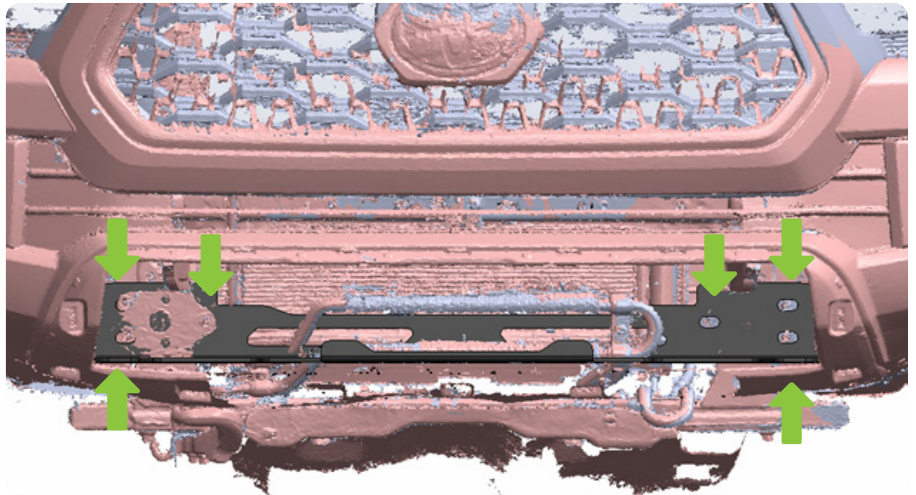
STEP 30 | Lift the winch plate/winch up to the vehicle and loosely secure using the factory hardware.

While someone supports the winch/winch plate, remove the factory hardware and sandwich the bumper over top of the winch mount, and secure using the factory hardware.

Ensure good alignment and fitment prior to securing.

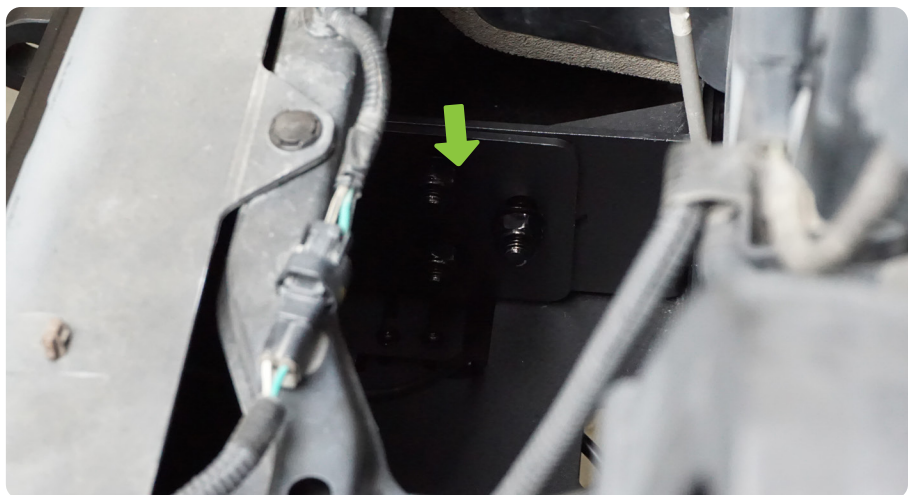
Use a 14mm socket and torque to 43 ft lbs.

It may be necessary to adjust bumper down and use an extension to reach the hardware like shown.



INSTALLATION MANUAL

STEP 32 | Lift the bumper face back into place and hold it there while someone tightens the bumper mounting bracket hardware using a 19mm and 21mm wrenches.



INSTALLATION MANUAL

STEP 33 | Once the bumper is fully secured and aligned to the factory bumper, install the grille onto the vehicle using the factory hardware and 10mm socket.



STEP 34 | Re-install the factory push clips securing the grille to the vehicle.



INSTALLATION MANUAL

STEP 35 | Connect the fog light wiring harness and re-install the christmas tree clips securing the wiring the grille support posts.



STEP 36 | Double check fitment and all hardware is secure.

Congratulations! You are finished with the install of the Tacoma Centric Series Bumper!

