

CENTRIC FRONT BUMPER

10-23 TOYOTA 4RUNNER

FBTF3-01



TOOLS REQUIRED

- #4 Allen Bit
- 10, 21, 22mm Wrench
- 14, 15mm Socket
- 10" Extension
- Paint (Recommended)
- Cutting Tool of Choice
- File

SKILL LEVEL

- Novice/Intermediate
- 2 persons

Little skill level required, however additional assistance is required for installation and removal of bumpers.

TIME REQUIRED

- 3 hours

Time to install this should only take about three 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

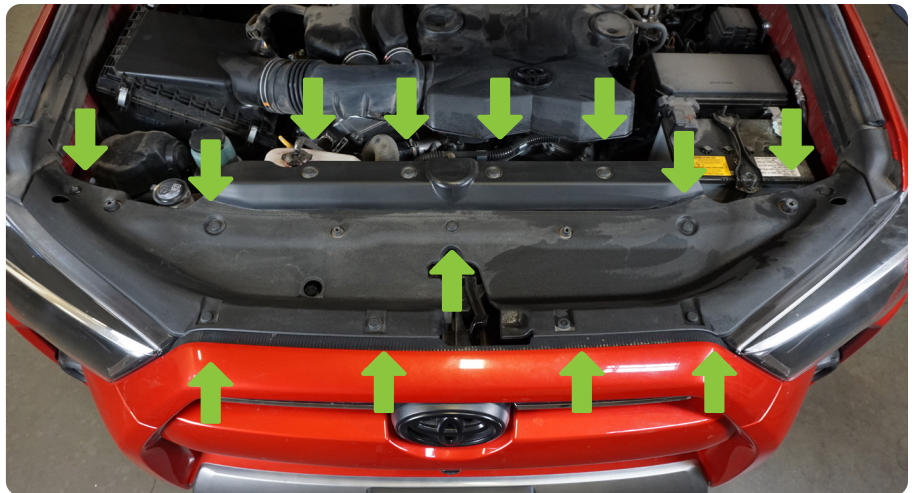
Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information

1. Name of purchase location
2. Bar Code on side of box
3. Date above bar code
4. Date inside box cover

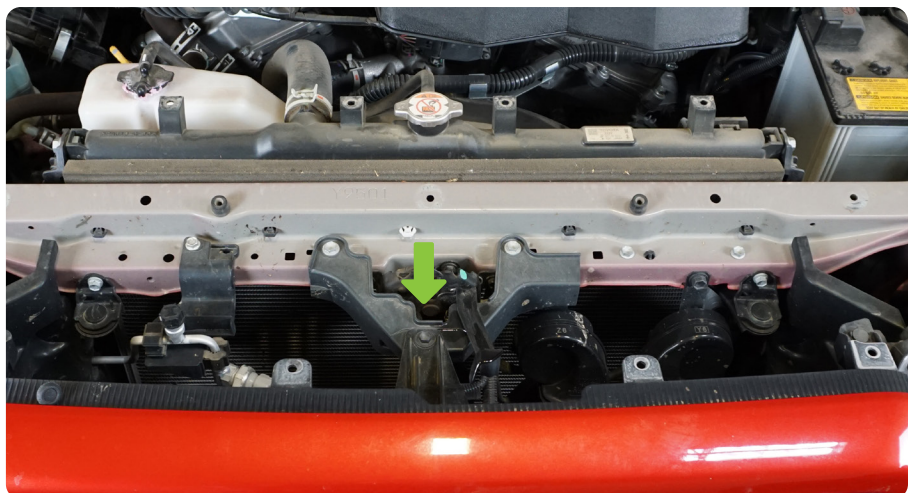


INSTALLATION MANUAL

STEP 1 | Use a trim clip tool to remove the plastic fasteners securing the valance to the grille and set it off to the side.

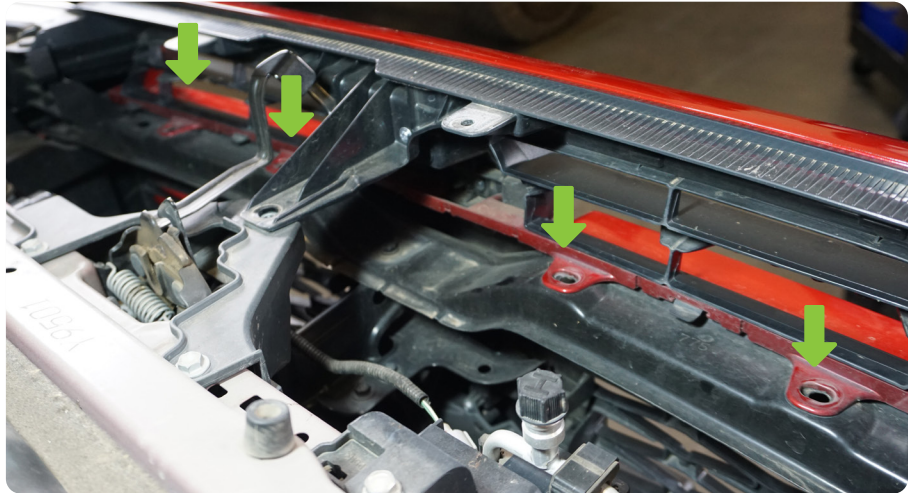


STEP 2 | Use a 10mm socket to remove the bolts securing the grille supports to the vehicle.





STEP 3 | Use a trim clip tool to remove the plastic fasteners securing the grille to the vehicle.



INSTALLATION MANUAL

STEP 4 | Disconnect any electrical/wiring connectors.

The number of connectors to remove may vary based on the trim level of your vehicle.



STEP 5 | Use a 10mm socket to remove the hardware securing the inner fender to the front bumper.



STEP 6 | Use a 10mm socket to remove the center bolt along the bottom of the grille/valance.



INSTALLATION MANUAL

STEP 7 | Use a 10mm socket to remove the hardware securing the bottom corners of the front bumpers to the vehicle.



STEP 8 | Gently pull the inner fender to release the clips securing it to the vehicle.

Be sure to pull directly away from the vehicle to avoid breaking any of the clips.

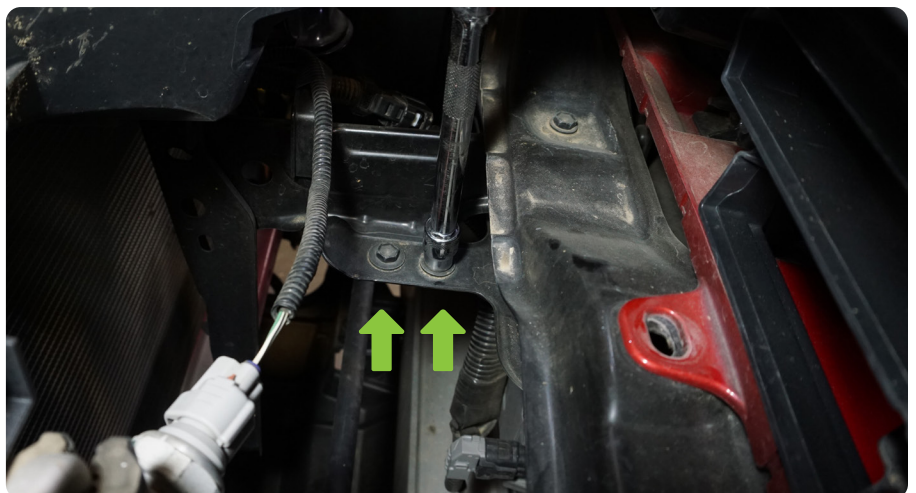


STEP 9 | Use a 10mm socket and 10" extension to remove the bolts securing the grille to the bumper.

This hardware is located directly behind the grille, and in front of the radiator.

The bumper wiring harness connector is difficult to access while the bumper is on the vehicle. We recommend a helper standby to hold the grille/bumper in place, and disconnect the wiring harness while someone slowly removes the grille/bumper. (Seen in step 11)

Note: Bumper may become loose and fall during this step. Assistance is recommended to prevent injury and damage to the product or vehicle.



INSTALLATION MANUAL

STEP 10 | Carefully remove the bumper and set it on a soft surface/blanket to avoid scratching/damaging the bumper.



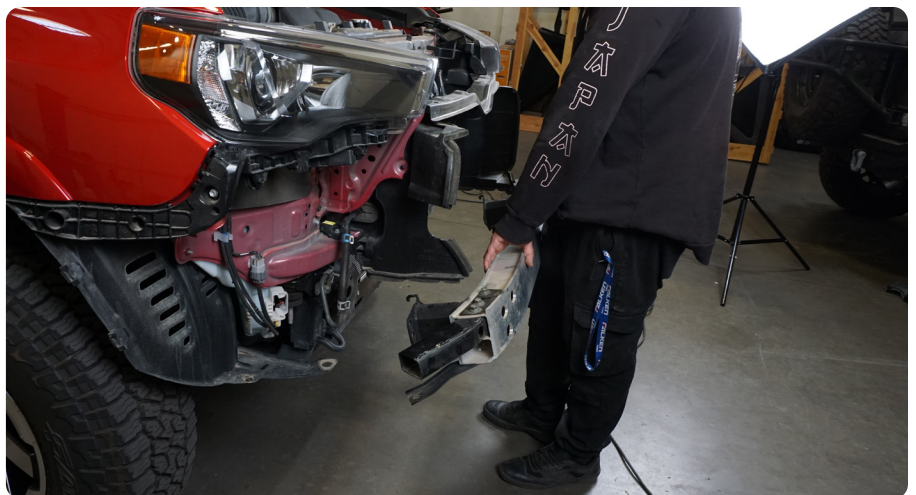
STEP 11 | Disconnect the bumper wiring harness. To disconnect, rotate the white locking tab and then pull to remove.



INSTALLATION MANUAL

STEP 12 | Use a 14mm socket to remove the hardware securing the crash bar to the vehicle.

There are four on each side.



INSTALLATION MANUAL

STEP 13 | If you are installing a winch with a top mounted solenoid, trimming this hose support will be necessary to clear the winch.

Use cutting tool of choice and use a file to clean up any rough edges.

Paint is recommended on any bare metal to prevent corrosion/rust.



INSTALLATION MANUAL

STEP 14 | Use a trim clip tool to remove the fasteners securing the wiring across the bottom face of the bumper.

The amount of wiring and number of fasteners to remove will vary based on options/trim level.



STEP 15 | Use a trim clip tool or flathead screwdriver to remove the plastic fasteners securing the valance to the bumper.

These are the white clips along the top, bottom, and side of the of the section underneath the grille.



INSTALLATION MANUAL

STEP 16 | Remove the valance and set it off to the side.

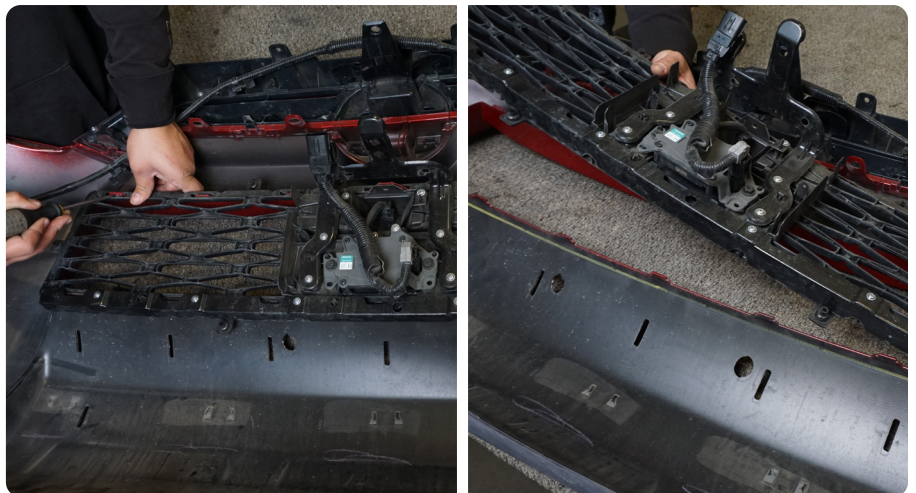


STEP 17 | Move and secure the wiring out of the way to prepare to trim the bumper.



STEP 18 | Remove the grille from the bumper by using a trim clip tool or flat head screwdriver to gently pull back the tabs securing the grille.

These are located at the top and bottom of the grille.



INSTALLATION MANUAL

STEP 19 | READ STEPS 19 and 20 FULLY BEFORE PROCEEDING.

The first cut line will be along the inside edge as close to the raised section of the bumper as possible (This is where the silver valance was mounted before, this section will be removed).

We recommend cutting on the backside of the bumper.

As the cut gets closer to the top, follow the curve of the edge being used as a guide and stop at the corner marked by the arrows in the below photos. Take caution to cut conservatively and follow the guide line to avoid cutting too much material.

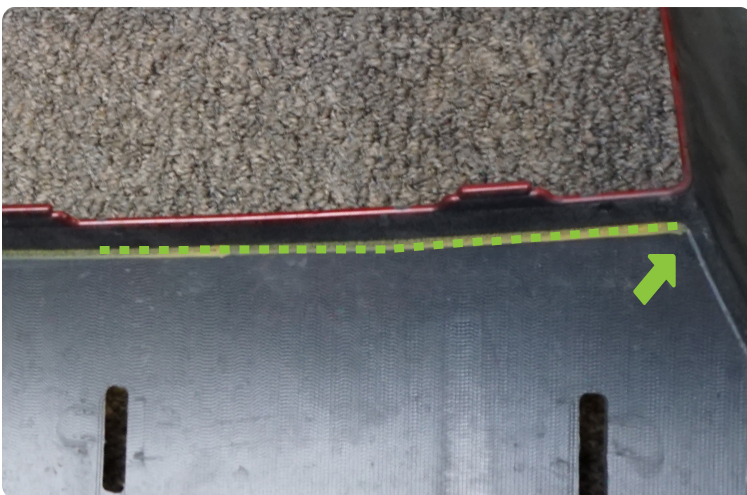
Using the cutting tool of choice, perform this cut on both side of the bumper.

STEP 20 |

The top cut line will go from the corner cut to corner cut, underneath the lower tabs used for mounting the grille.

The tabs will still be used for mounting the grille, so these must be left intact.

There is an edge where these two areas meet, and that edge will be used as the guide line for the cut.



CUTTING REFERENCE PHOTOS



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) M14x35 Hex | (6) Spring Washer |
| (6) M14 Nylon Lock Nuts | (5) M6x20 Allen |
| (12) M14 Flat Washers | (5) M6 Nylon Lock Nuts |
| (6) M10x30 Hex | (10) M6 Flat Washers |
| (6) M10 Flat Washers | |



STEP 21 | If you are installing a winch, do so at this time using the hardware provided with the winch.

For our install, we are using a DV8 12k lb Winch.
Part Number: WB12SR



STEP 22 | If you are not installing a winch, there are (2) optional 3" pod light mounts available for use.

If you are installing a winch, these cutout holes will provide access to engage or disengage the winch.

The pod light mounts can still be utilized with a winch in some circumstances, such as when the user wants to leave the winch engaged fully at all times.

If you are installing pod lights, do so at this time, using the hardware provided with the lights.

For our install, we are using (2) DV8 3" Elite Series Amber Pod Lights.
Part Number: BE3EW40W-A



INSTALLATION MANUAL

STEP 23 | If you are installing a 20" single row light bar, do so at this time using the hardware provided with the light.

For our install, we are using a DV8 20" Elite Series Single Row Light Bar.
Part Number: BE20SW105W



STEP 24 | When securing the brackets for the light bar, be sure the light is centered and even before securing.

Start with the front bolt, as once both bolts are installed, access to the front bolt with a wrench may be limited.



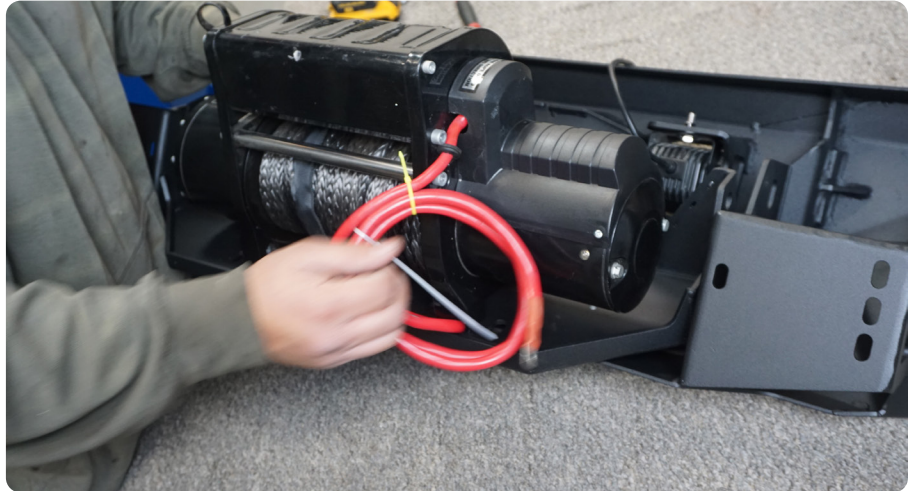
STEP 25 | If you are installing a fairlead, do so at this time, using the hardware provided with the fairlead.

For our install, we are using our DV8 universal fairlead.
Part Number: WBPF-01



INSTALLATION MANUAL

STEP 26 | If you are installing a winch, install winch/winch plate combo now using the provided M14 hardware with a 21 and 22mm socket.



STEP 27 | With assistance, lift the bumper to the vehicle and secure it to the vehicle using the factory hardware with a 14mm socket.

The bumper should be tight, but loose enough that some adjustments can be made.

Replacement hardware is included if any factory hardware is missing. Use a 16mm socket for the provided M10 hardware.



INSTALLATION MANUAL

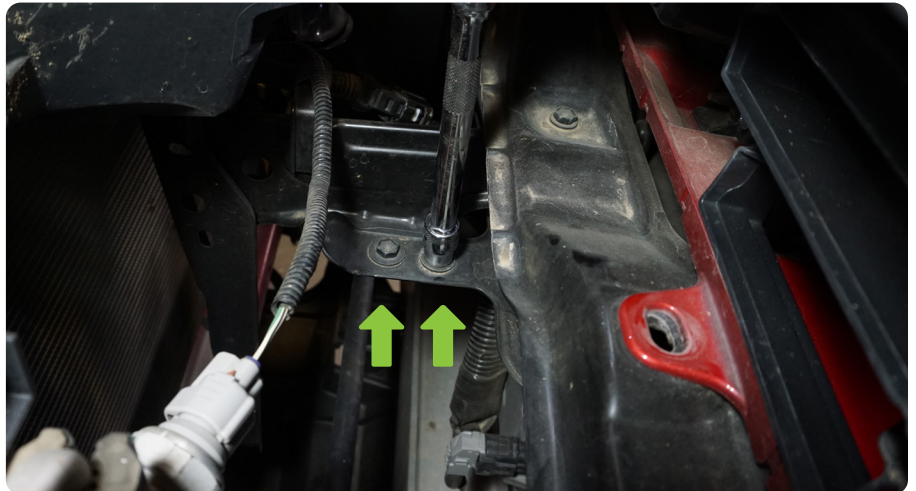
STEP 28 | Place the grille/bumper onto the vehicle and secure it using the factory hardware with a 10mm socket and extension.

Prior to continuing the install, inspect the cut of the bumper and fitment of the center mount and ensure no additional trimming or filing needs to be done.

Once satisfied with the fitment, proceed to step 28.



STEP 29 | Secure the grille/bumper to the vehicle using the factory hardware with a 10mm socket and extension.



STEP 30 | Re-connect the main bumper wire harness and rotate/push locking tabs into place.



INSTALLATION MANUAL

STEP 31 | Re-install the edges of the bumper to the fender by pressing the clips into place.

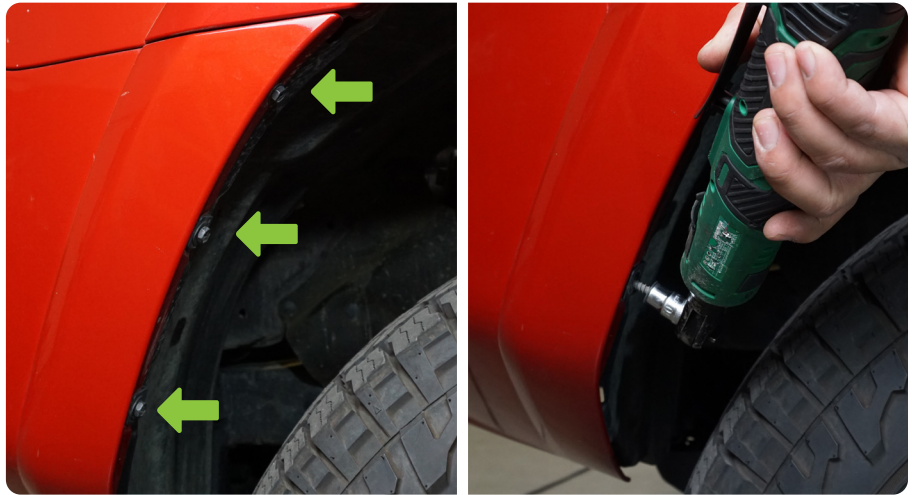


STEP 32 | Use the factory hardware with a 10mm socket to secure the bottom corners of the bumper to the vehicle.



INSTALLATION MANUAL

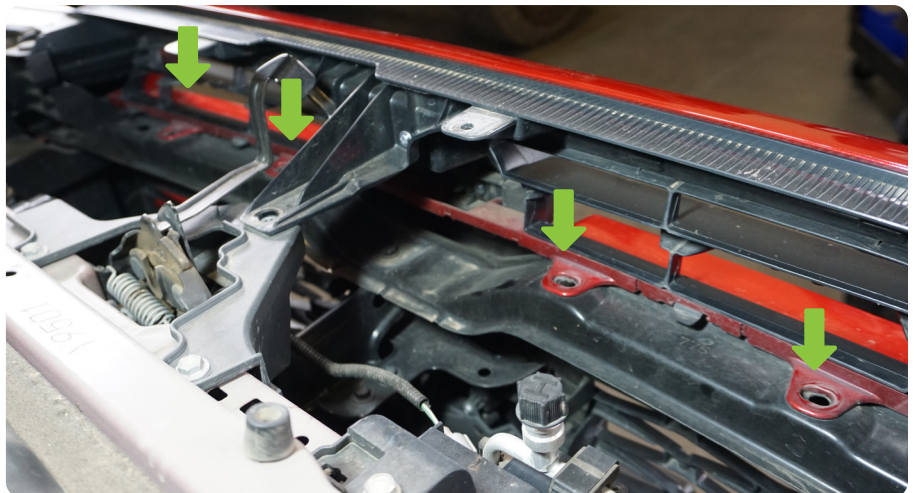
STEP 33 | Re-install the factory hardware securing the inner fender to the bumper using a 10mm socket.



STEP 34 | Connect the fog light wiring harness ensuring the connector is fully seated.



STEP 35 | Re-install the factory trim clips securing the grille to the vehicle.



INSTALLATION MANUAL

STEP 36 | Use a 10mm socket to install the factory hardware securing the grille support to the vehicle.



STEP 37 | Re-install the remaining trim clips securing the valance to the grille.



INSTALLATION MANUAL

STEP 38 | Congratulations! You are finished with the install of the DV8 Center Mount Bumper!

