

CENTRIC FRONT BUMPER

2024+ TOYOTA 4RUNNER

FBTF3-03



TOOLS REQUIRED

- 22, 21, 19, 18, 17, 12, 10mm sockets
- 22, 21mm wrenches
- Trim pry tool
- Preferred cutting tool (grinder, hand saw, Dremel style tool)
- File/Rasp/Sand Paper
- Safety Glasses
- Gloves
- Phillips screw driver

SKILL LEVEL

- Novice/Intermediate
 - 2 persons
- Little skill level required, additional help will be required.

TIME REQUIRED

-4-5 Hours

Time to install this should only take four to five 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

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 prod-

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

•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

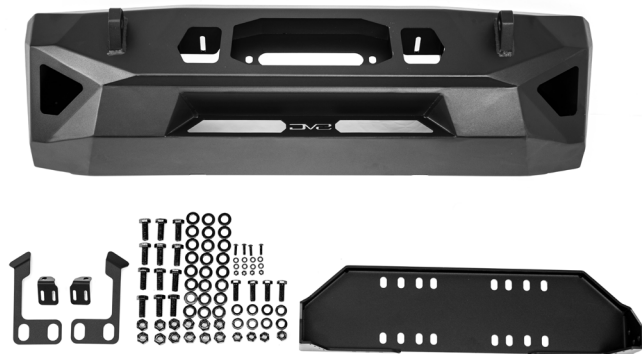


INSTALLATION MANUAL

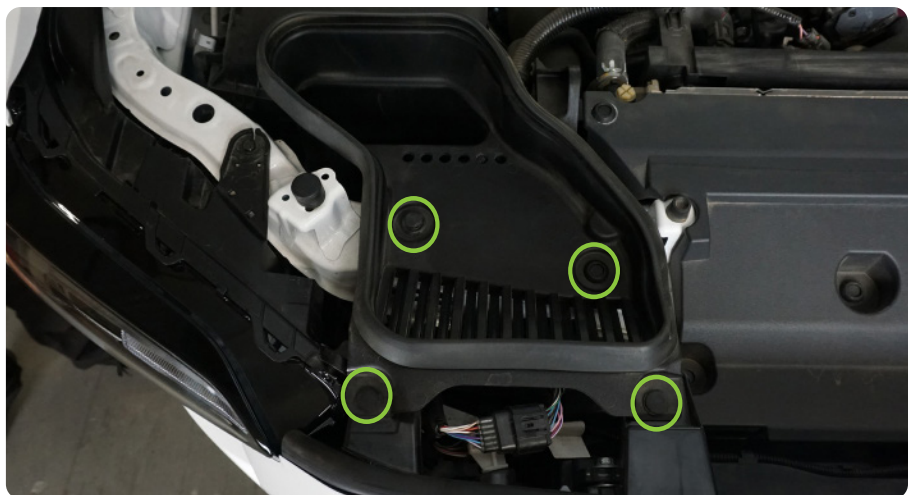
Begin by unpacking all items and inspecting for missing pieces or damage. If you have any concerns, please contact the company the product was purchased from. Extra hardware may be included with the product.

HARDWARE INCLUDED

- | | |
|-----------------------|----------------------|
| (12) M14x35mm Bolts | (8) M6 Flat Washers |
| (12) M14 Lock Nuts | (4) M12 Flat Washers |
| (24) M14 Flat Washers | (4) M6x20mm Bolts |
| (4) M12x35 Bolts | (4) M6 Lock Washers |
| (4) M12 Lock Nuts | |



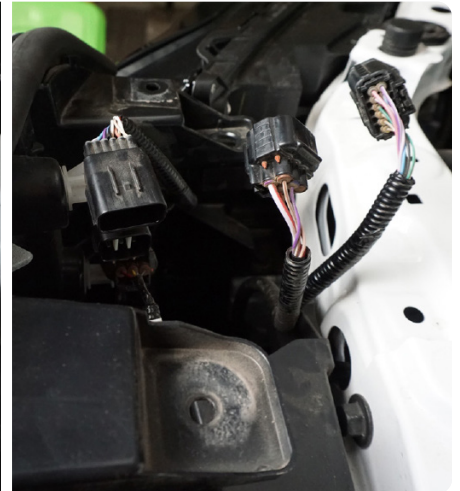
STEP 1 | Remove the under hood radiator support cover and fresh air intake duct. Depress/push down on the center of the push pins to unlock the pin. Use a trim tool to pry up the push pins to remove.



INSTALLATION MANUAL



STEP 2 | Disconnect the electrical plugs connected to the grille. The amount vary based on the trim level of the vehicle. Check both sides of the grille for plugs.



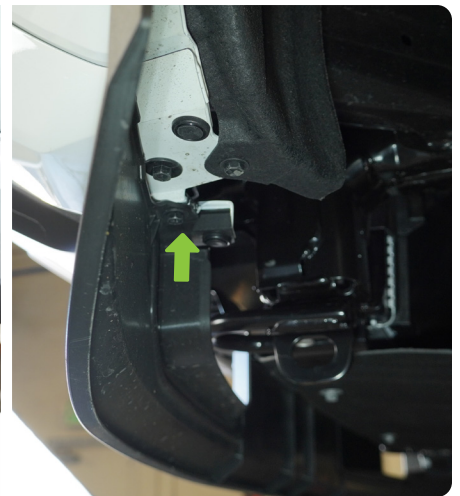
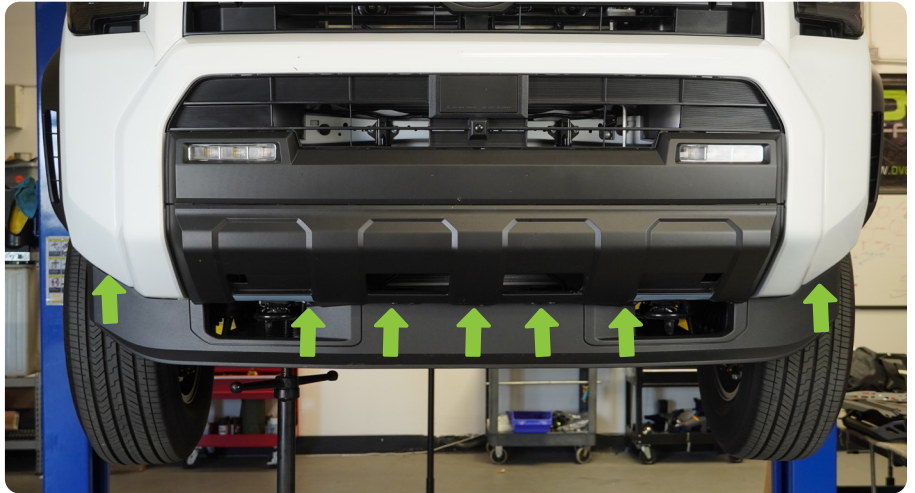
STEP 3 | Use a 10mm socket to remove the (3) bolts securing the top of the grille to the vehicle.

Note: Two outside bolts near headlights shown in image.





STEP 4 | Use a 10mm socket to remove the (7) bolts that secure the lower valance to the bumper/grille assembly.



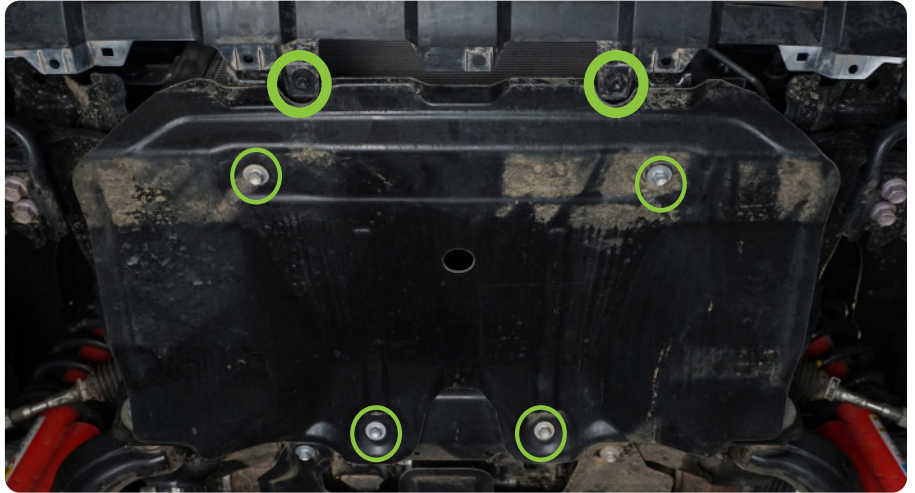


STEP 5 | Use a 10mm socket to remove the (4) bolts securing the bumpers lower portion to the crash bar on each side.

Use a 12mm socket to remove the (4) bolts securing the factory front skid plate.

If you are planning to run the SPTT1-04 optional skid plate please remove the (4) bolts securing the rear skid plate.



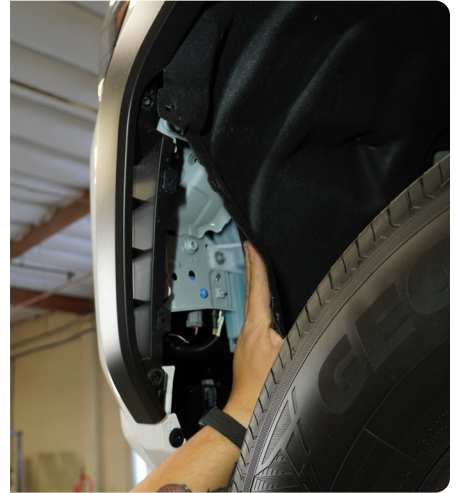


STEP 6 | Using a 10mm socket, remove the (4) bolts that secure the inner fender on each side.

Remove the (2) retaining clips that secure the front of the fender flare. Fold back the inner fender on both sides.



INSTALLATION MANUAL



STEP 7 | Pull the front of the fender flare away from the fender to expose the Phillips head screw securing the side of the front bumper to the vehicle.

Use a Phillips head screw driver to remove the screw from each side.

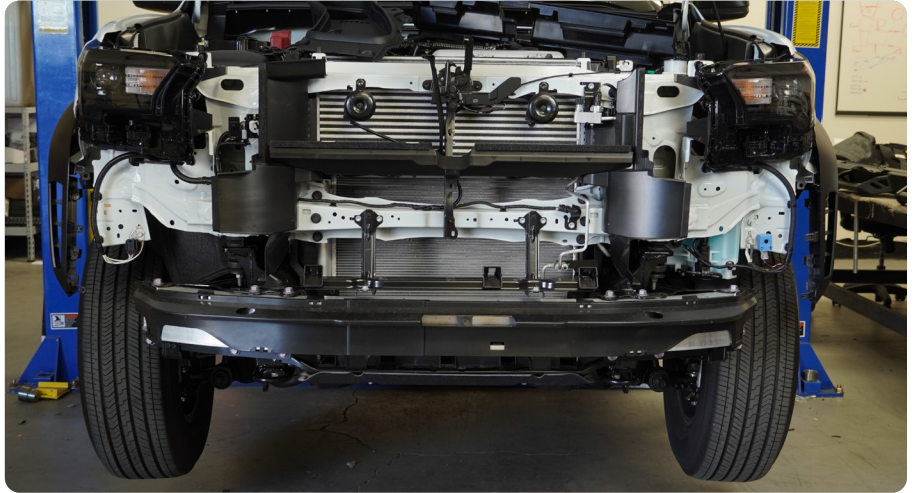


STEP 8 | Lift the grille/front bumper up and away from the vehicle.

There are various clips holding the front on, so take your time to release all of them.



INSTALLATION MANUAL



STEP 9 | Use a 17mm socket to remove the (8) bolts securing the crash bar.

Remove the crash bar and set off to the side.



STEP 10 | Use a 17mm socket to remove the factory tow hooks.



INSTALLATION MANUAL

STEP 11 | With everything removed the vehicle should look as shown.



STEP 12 | With the factory bumper removed it is now time to build out the DV8 Centric Front Bumper.

If you are planning to run an LED Light bar or Pod lights install them now using the hardware provided with the lights.

Note: If running a winch AND pod lights, we recommend running a winch with a built in wireless remote and the winch left in the "Engaged" position since there is no direct access to the winch with the pod lights installed.



STEP 13 | Use the hardware provided with the LED light bar to loosely secure the provided light bar brackets



INSTALLATION MANUAL

STEP 14 | Use the provided M6x20 hardware (Allen head bolt, flat washers and Nylon lock nut) a #4 Allen tool and 10mm wrench to secure the light bar brackets in place.

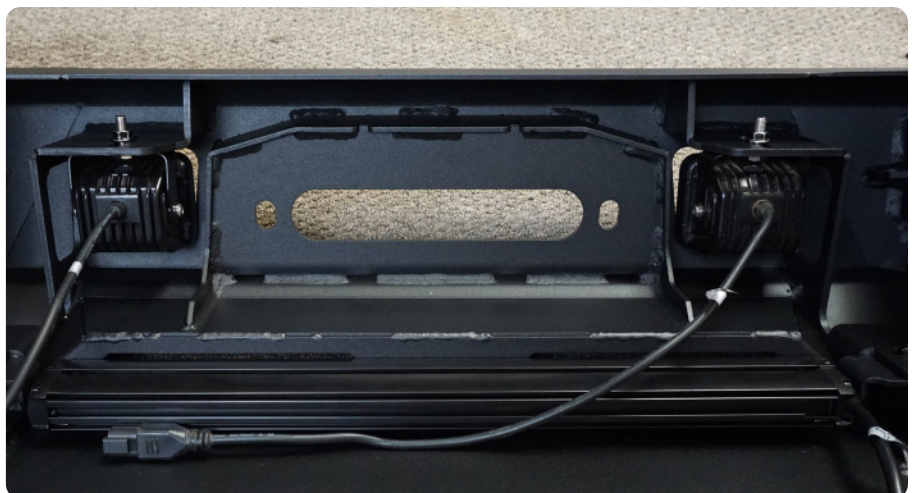
Use (2) flat washers per Allen head bolt, one washer for the bolt and one washer for the locking nut side.

For this install we chose an DV8 20" Elite series amber LED light bar. (BE20SW105W-A)



STEP 15 | Install the pod lights using the hardware provided with the light.

For this install we chose (2) DV8 3" Elite series LED pod lights. (BE3EW40W)



INSTALLATION MANUAL

STEP 16 | If running a winch, install your fair-lead at this time using the hardware provided with the fair-lead.

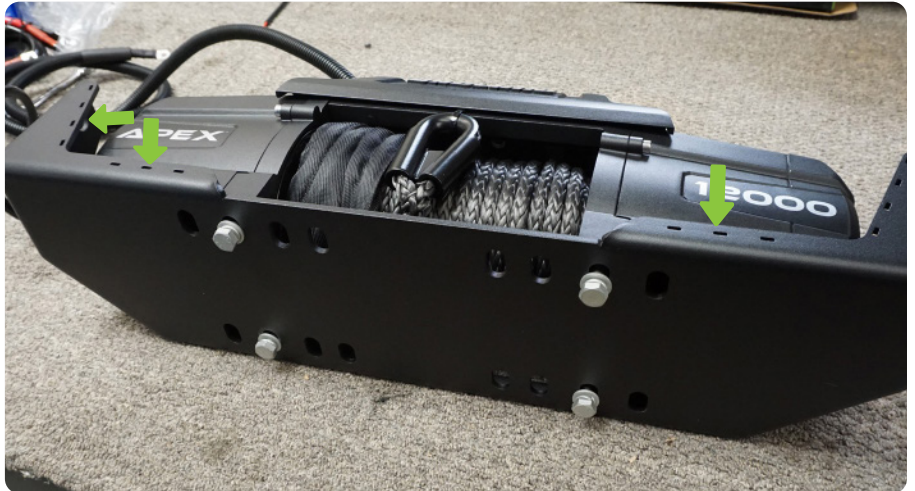
For this install we chose a DV8 Pocket Fair-lead for synthetic rope winches. (WBPF-01)



STEP 17 | If running a winch, mount the winch to the provided winch plate at this time using the hardware provided with the winch.

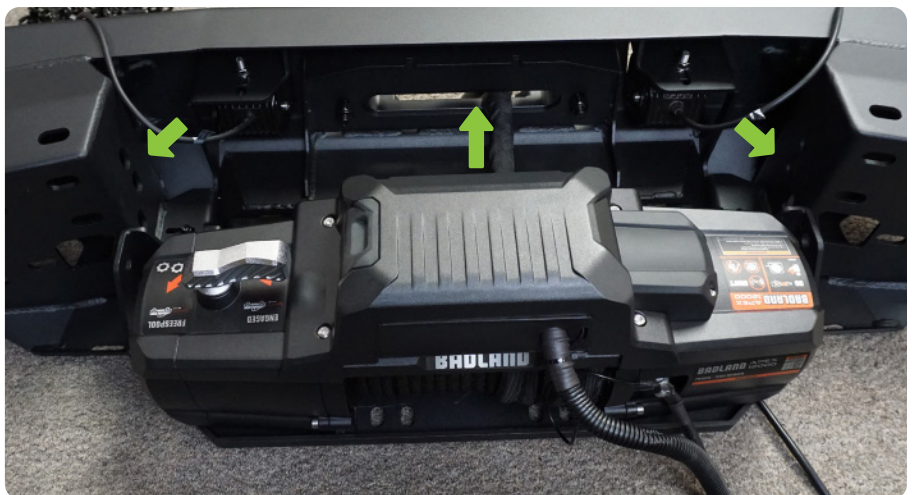
The laser cut zip tie tabs can be used to secure any loose pod light/winch wiring.

For this install we chose a Badlands Apex 12K winch.



STEP 18 | Route a portion the winch rope through the fair-lead.

Place the winch and winch plate on to the bumper and align the (6) mounting hole. Three on each side.



INSTALLATION MANUAL

STEP 19 | Use the provided M14x 35 hardware (M14 Hex bolt, Flat washers & Nylon lock nut) to secure the winch plate to the bumper.

Use (2) flat washers per bolt, one for the Hex bolt head and one for the locking nut.

Note: It is best to thread the bolts through the bumper into the winch plate as shown.



STEP 20 | Use a 22mm wrench and 21mm socket to secure the (6) winch plate mounting bolts.

Note: An socket extension and universal swivel is helpful at reaching all the bolts.

TECH TIP: It is best to insert the socket through the cut out on the side to reach the hex head bolts.

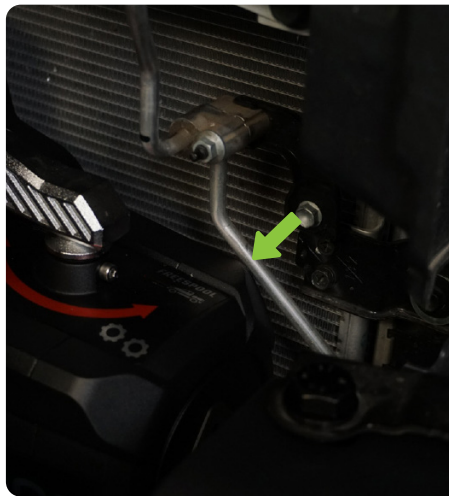


STEP 21 | With assistance lift the bumper and into place.

If running a winch, the winch will sit behind the grille lower support bracket.

Use the provided spacer bracket between the frame rail and bumper if additional forward spacing is needed for the winch wiring or hard-lines clearance.





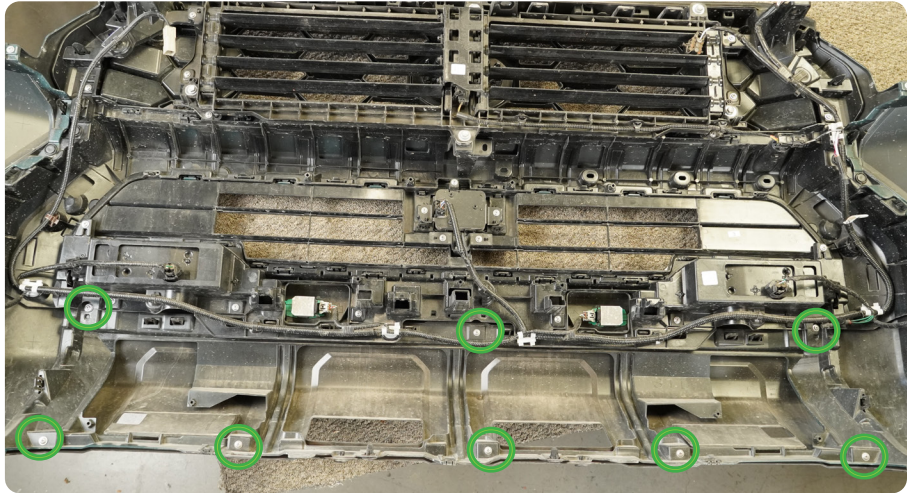
STEP 21 | Ensure the bumper is centered side to side. Loosely install the top mounting bolts using the provided M14x35 hardware (M14 hex bolt, flat washer & nylon lock nut) to hold the bumper in place.



INSTALLATION MANUAL

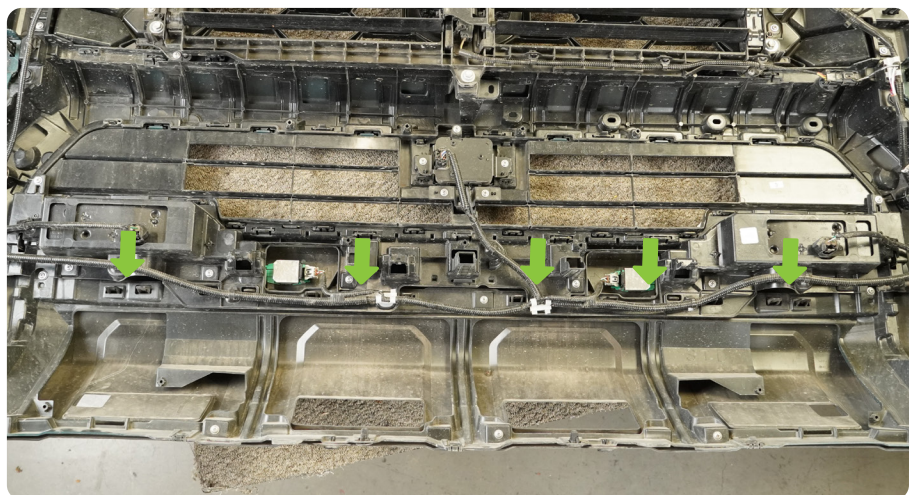
STEP 22 | Lay the vehicles front bumper/grille on a flat surface soft surface to ensure the painted surface is not damaged.

To prepare the front bumper to be cut, remove (8) Phillips head screws that secure the lower valance using a screw-driver.



STEP 23 | Use a trim pry tool to remove the (4) lower valance's retaining clips.

Use a trim clip tool to depress the lower valance clips.

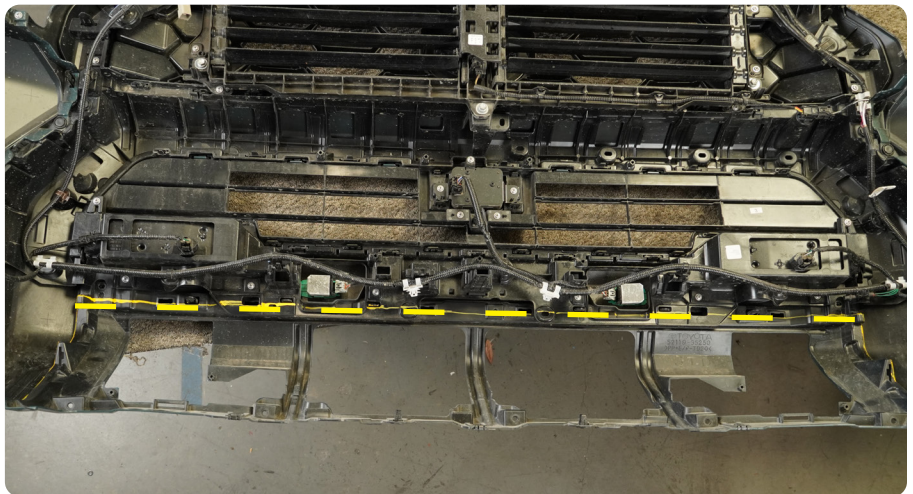


INSTALLATION MANUAL

Remove the bumpers lower valance.

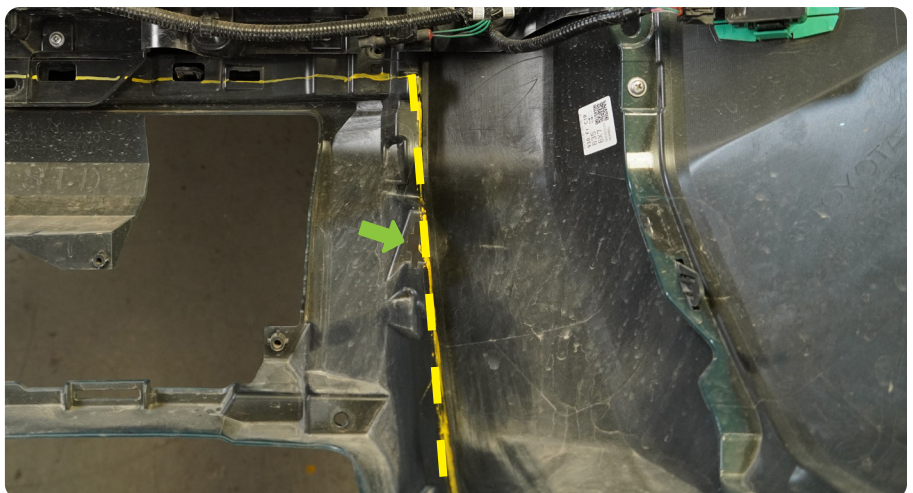


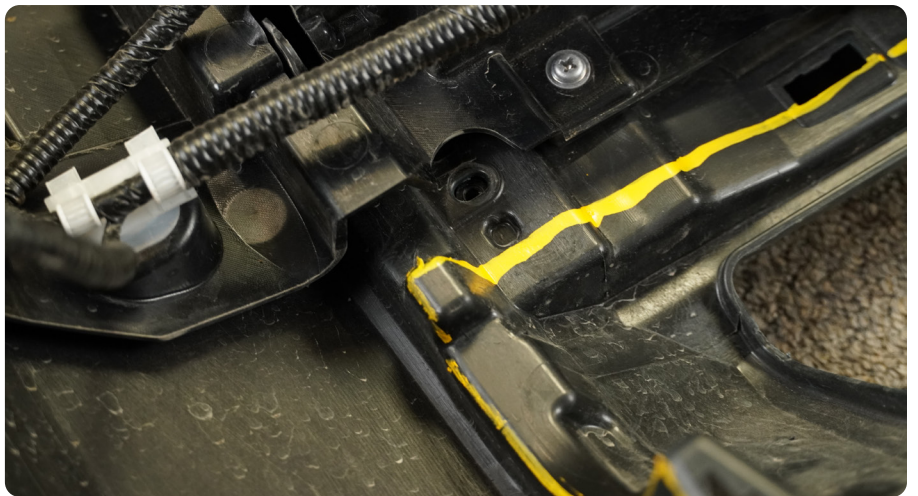
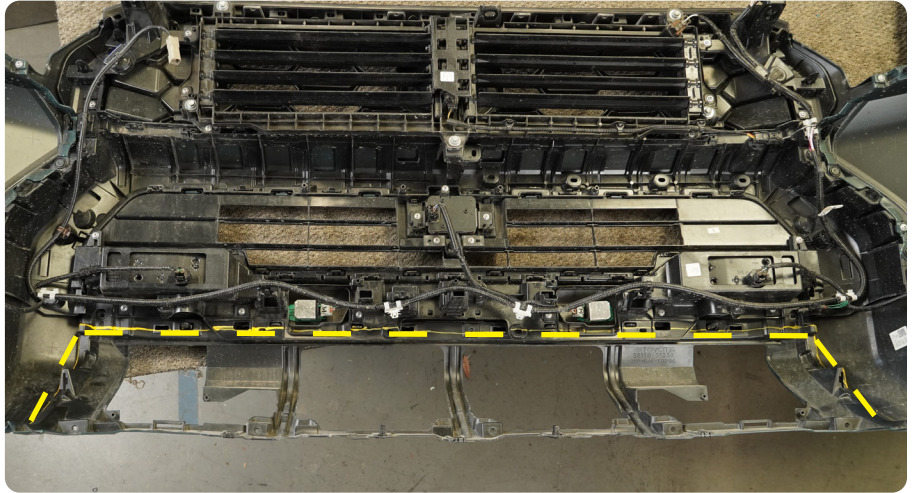
STEP 24 | Prepare the bumper to be cut by drawing a cut line just below the push clip cut-out. Continue drawing the cut line following the lower valance body lines, ensuring the cut line is on the outer edge of the clip cut out.



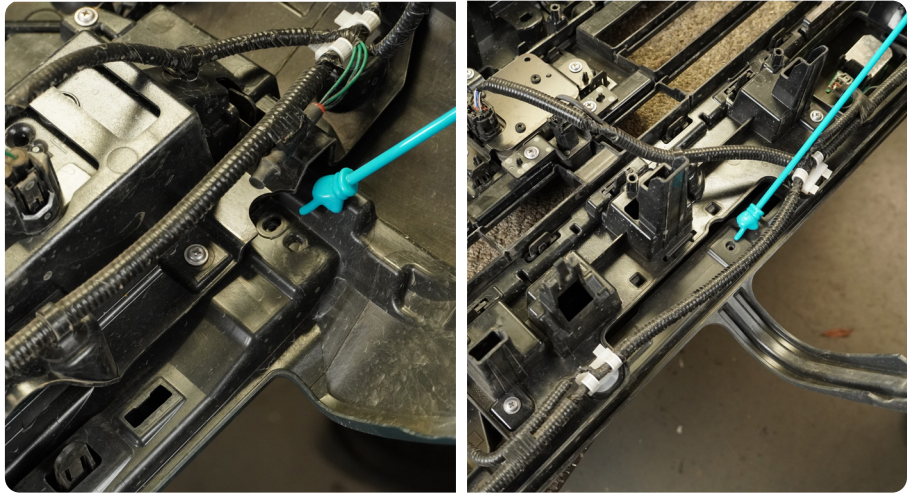
STEP 25 | There are 3 screw holes you want to leave attached. One on each end and one in the center. These will help support the grille when installed. Ensure your cut line is BELOW these.

Using your preferred cutting tool, cut the bumpers center section following along the inner edge as shown with our yellow guide line.





STEP 26 | There are 3 screw holes you want to leave attached. One on each end and one in the center. These will help support the grille when installed. Ensure your cut line is BELOW these. Using your preferred cutting tool, cut the bumpers center section following along the inner edge as shown with our yellow guide line.



STEP 27 | Before cutting place a small wedge between the bumper/grille assembly and the mid-valance. This will ensure the mid-valance is not damaged during cutting.



STEP 28 | Begin cutting the bumper following the cut line previously drawn.



INSTALLATION MANUAL



STEP 29 | After initial cut, install the front bumper/grille on the vehicle loosely.

Review the over all fitment of the bumper and remove material as needed to achieve your desired fit.

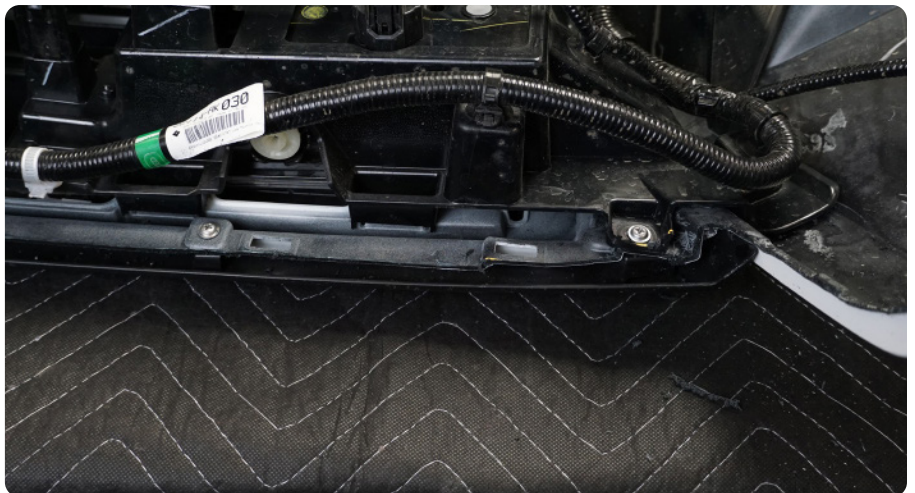


INSTALLATION MANUAL

STEP 30 | Use a file/sand paper to smooth out any rough/wavy edges.



STEP 31 | Install the Phillips head screws across the top to support the grille/shutter system.

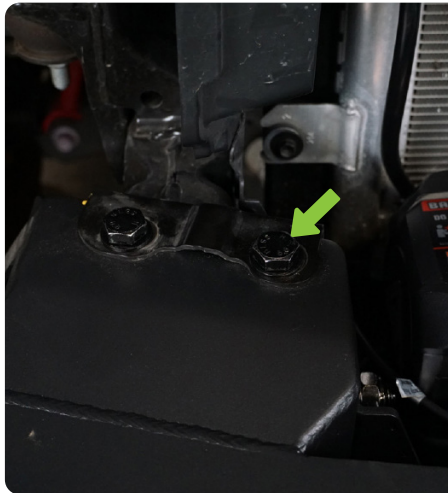


INSTALLATION MANUAL

STEP 32 | Once you are happy with the over all fitment of the bumper/grille, secure the bumper in place using (5) M14 bolts per side.

Remove the upper/ inner mounting bolt and install the upper/ inner horizontal mounting bolt as shown. The direction of the bolt here is important.

Install the all other mounting bolts and secure them using a 21mm socket and 22mm wrench.



STEP 33 | Reinstall the bumper/grille, snap in all front bumper/grille clips and reinstall the Phillips head screw on each side.





STEP 34 | Reconnect the electrical plugs.

Secure the top of the bumper/grille using the (3) 10mm bolts .





STEP 35 | Reinstall the radiator support cover and intake fresh air duct using the factory push pins.



INSTALLATION MANUAL

STEP 36 | Reinstall the (4) factory 10mm bolts that secure the inner fender at the bottom of the bumper on each side.



STEP 37 | Clip in the factory fender flares (if equipped). Reinstall the (2) factory 10mm bolts that secure the inner fender to the fender flare on each side.

Reinstall the (2) push pins that secure the fender flare to the vehicle on each side.



INSTALLATION MANUAL

STEP 38 | Install the winch rope hook to the winch rope.

If you are running a DV8 fair-lead, use a pair of snap ring pliers to remove the snap clip and install the hooks pin on to the rope. Use the snap clip to lock the pin in place.



STEP 39 | Double check all hardware is secure.

Congratulations, installation of the 4Runner Centric Front Bumper is now complete.

