

CENTRIC FRONT BUMPER

24+ TOYOTA LAND CRUISER

FBTL4-01



TOOLS REQUIRED

- 10mm, 17mm, 21mm, 22mm Sockets
- 4mm Allen Tool
- 10mm, 17mm, 21mm, 22mm Wrenches
- Preferred Cutting Tool
- Trim Tool
- Safety Glasses

SKILL LEVEL

- Intermediate
 - 1 (you) to 2 persons
- Medium skill level required, you can easily install it by yourself however, additional help will be useful

TIME REQUIRED

- 4.5 Hours
- Time to install this should only take about four and a half 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.

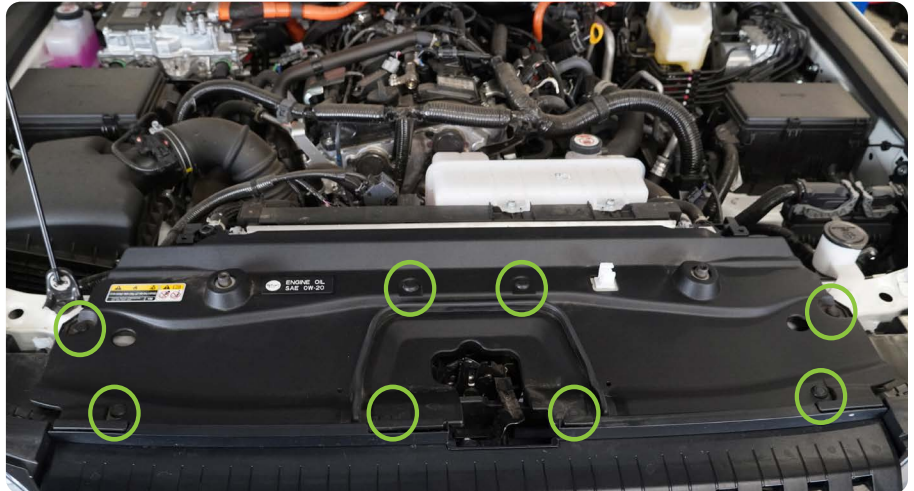
HARDWARE INCLUDED

- | | |
|-------------------------|-------------------------|
| (6) M14x35mm Hex Bolts | (20) M12 Flat Washers |
| (6) M14 Lock Nuts | (4) M6x20mm Allen Bolts |
| (12) M14 Flat Washers | (4) M6 Lock Nuts |
| (10) M12x30mm Hex Bolts | (8) M6 Flat Washers |
| (10) M12 Lock Nuts | |



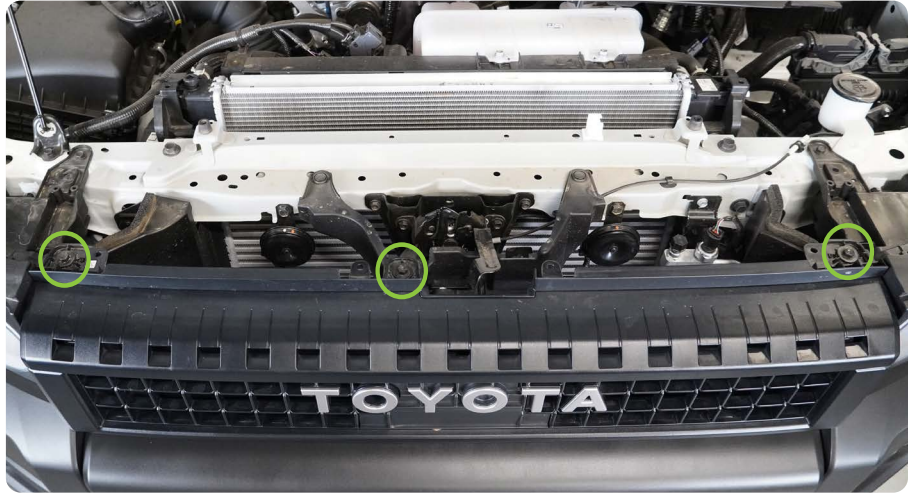
STEP 1 | Begin installation by first removing the radiator support cover.

Depress the (8) push pin that secure the radiator support cover to the vehicle to free the cover.



INSTALLATION MANUAL

STEP 2 | Use a 10mm socket to remove the (3) hex bolts that secure the grille to the grille support bracket.



STEP 3 | Use a trim clip tool to remove the inner fenders push pins that secure the fender flare to the vehicle on both front inner fenders. (4 push pins per side)

Use a 10mm socket to remove the hex bolt that secures the fender flare to the vehicle on both sides.



INSTALLATION MANUAL

STEP 4 | With a firm grip, pull the fender flare away from the vehicle to expose the 10mm hex bolt.

Use a 10mm socket to remove the 10mm hex bolt that secures the bumper to the fender on each side.

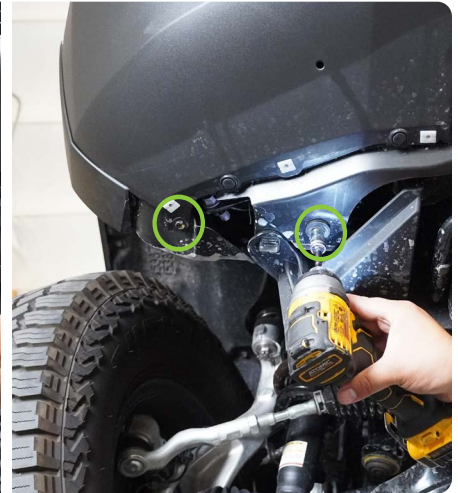
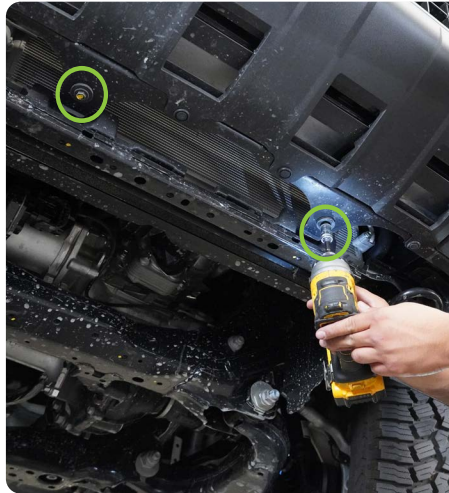
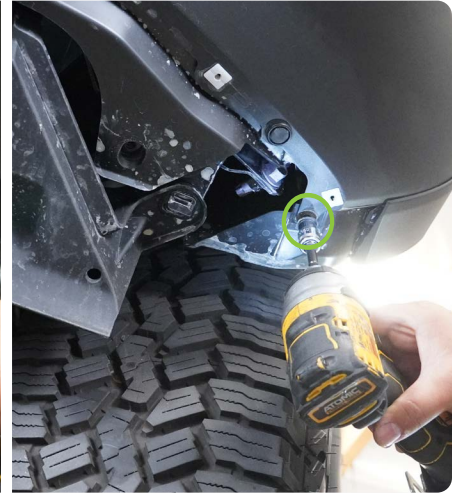
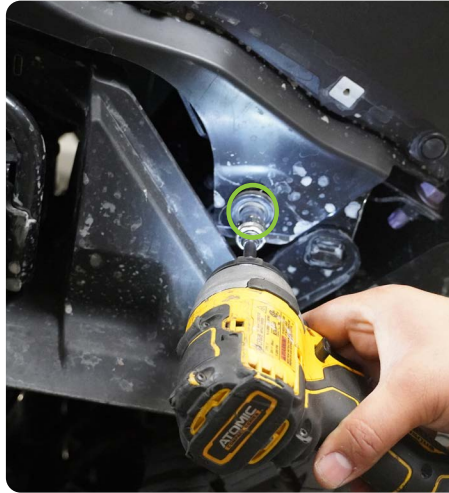


STEP 5 | Use a trim clip tool to remove the (2) push pins behind the fender flare on each side.



INSTALLATION MANUAL

STEP 6 | Use a 10mm socket to remove the (6) hex bolts that secures the bottom of the bumper/grille assembly to the vehicle.



STEP 7 | With a firm grip, pull the bumper/grille assembly away from the vehicle to release any push clips that secure the bumper/grille assembly.



INSTALLATION MANUAL

STEP 8 | Before completely removing the bumper/grille assembly, disconnect the parking sensor/fog light wiring harness behind the bumper on the passenger side.



INSTALLATION MANUAL

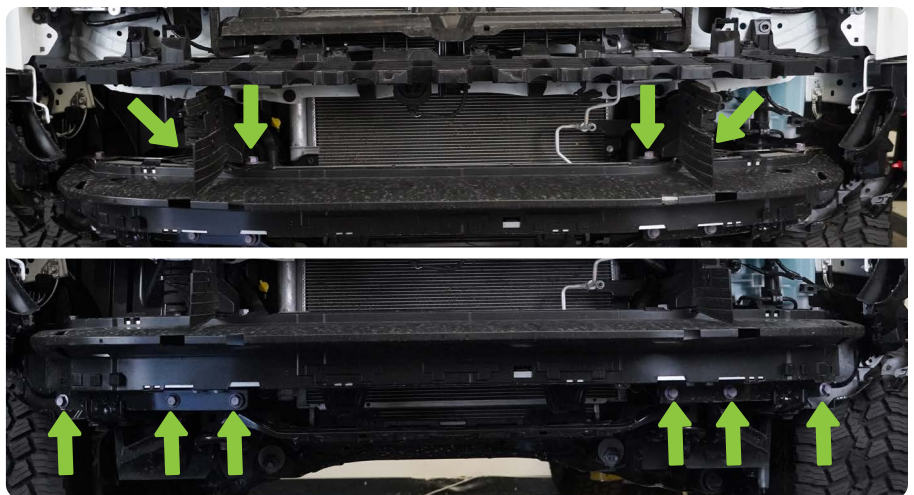
STEP 9 | Disconnect the bottom side plastic trim piece from the crash bar.

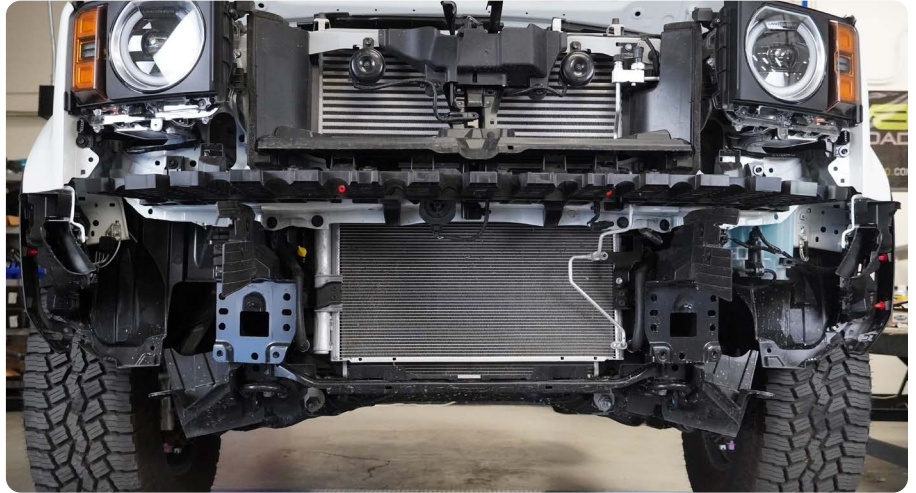


STEP 10 | Use a trim clip tool to remove the push pin that secure the plastic air guards to the crash bar.



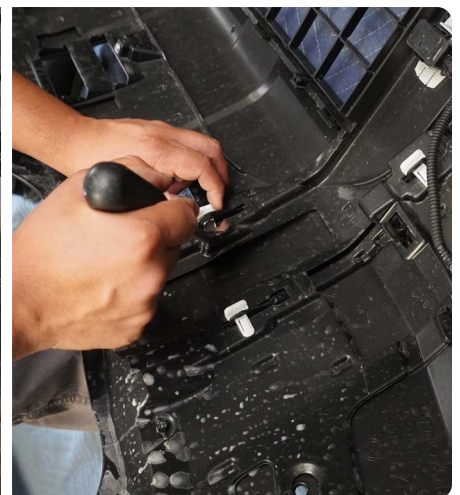
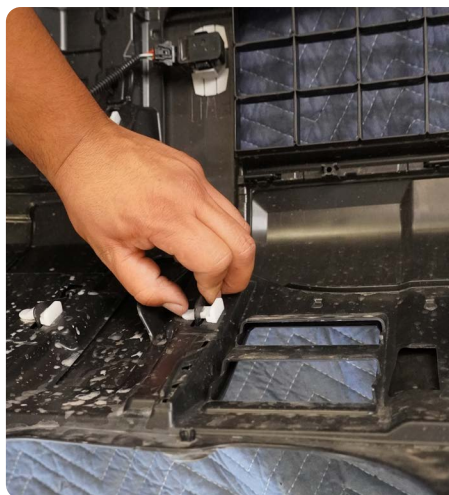
STEP 11 | Use a 17mm socket to remove the (10) hex bolts that secure the crash-bar to the vehicle.



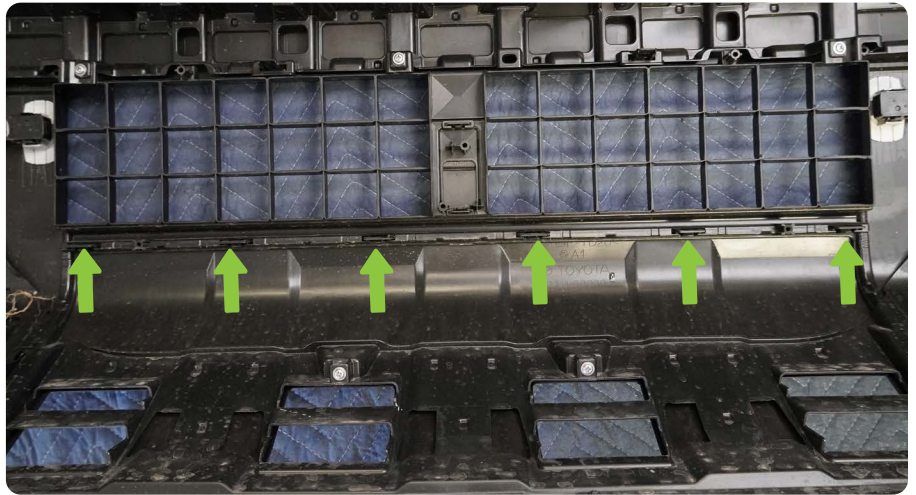


STEP 12 | Lay the bumper/grille assembly face down on a covered work area.

Begin removal of the center lower valance by releasing all trim clips that secure the center lower valance to the grille assembly.



INSTALLATION MANUAL



STEP 13 | With all trim clips freed, use a Philips head screw driver to remove the (2) Philips head screws that secure the center lower valance to the grille assembly.

Remove and set the center lower valance off to the side, it will not be reused with the DV8 Centric Bumper.

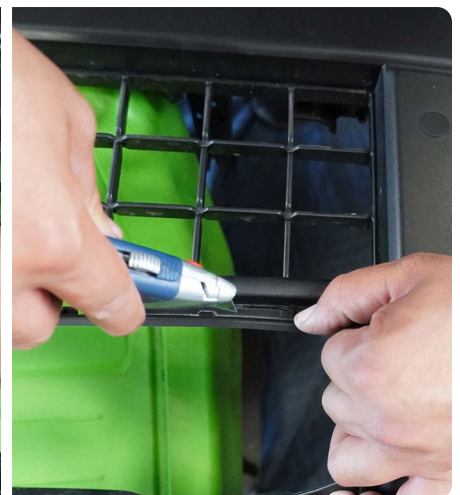
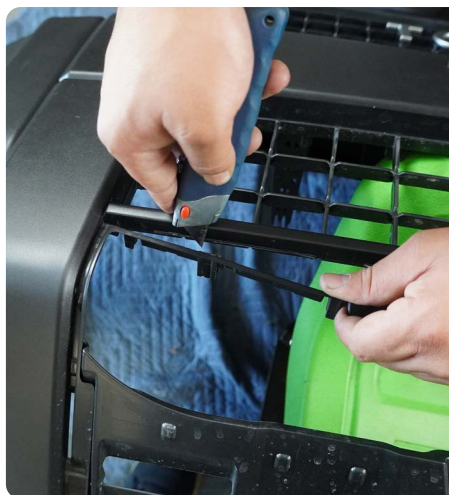




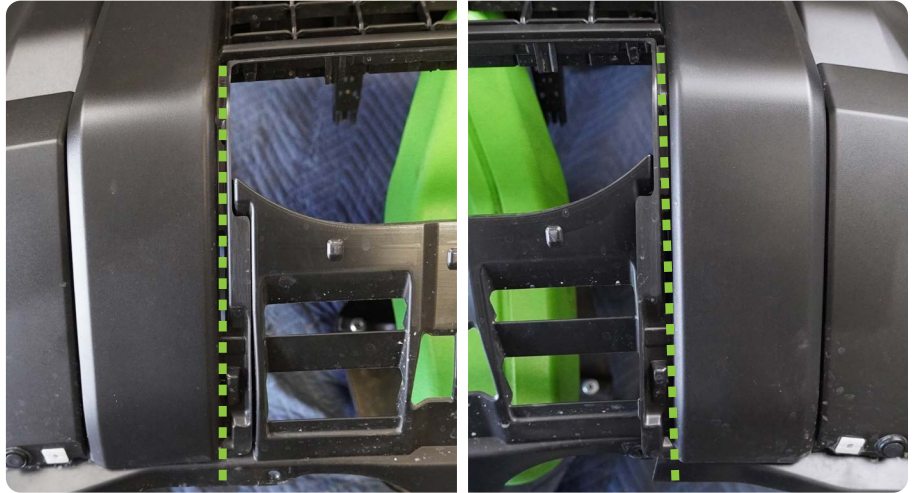
STEP 14 | Flip the bumper face up, and prop the bumper up.

Use your preferred cutting tool to cut out the bumpers center fascia section following the center lower valance grooves.

Leave 1/8-1/4inch of material around the edge, after test fitting the edge can be filed down as needed to obtain the perfect fit.



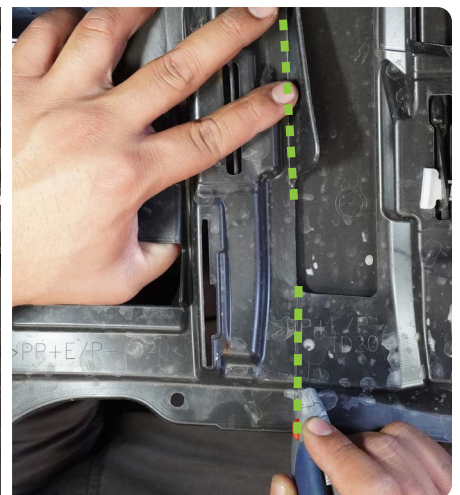
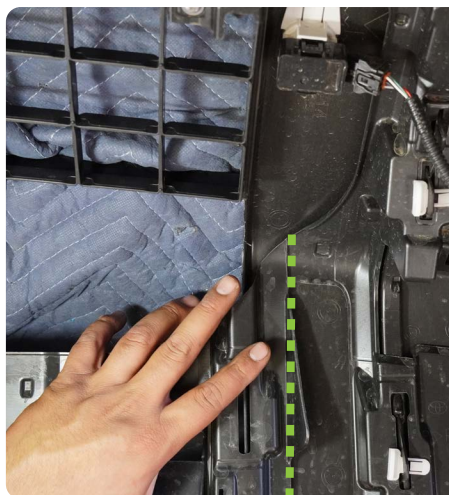
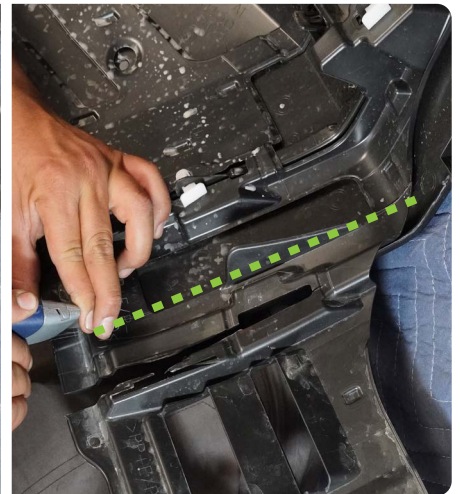
INSTALLATION MANUAL



INSTALLATION MANUAL

STEP 15 | With the bumper/grille assemblies center fascia cut out, flip the assembly on to its face.

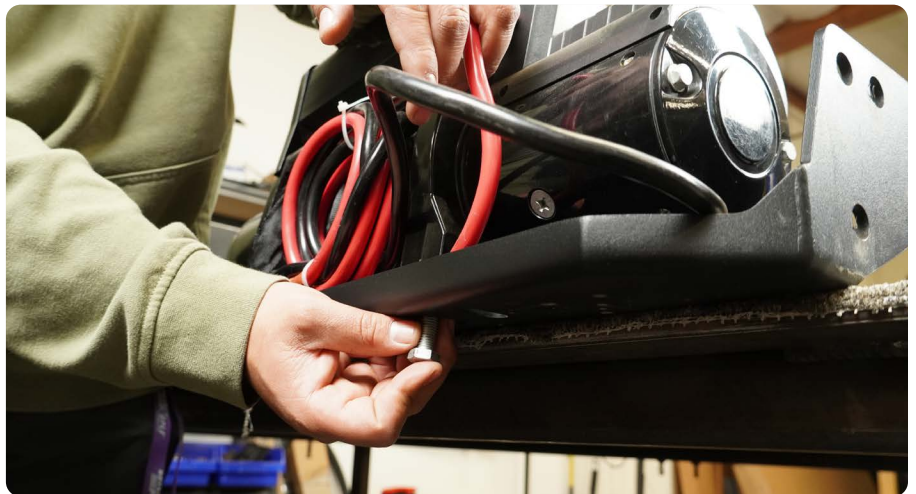
Continuing to use your preferred cutting tool, cut the bumper support with out cutting through the bumper/grille assembly.



INSTALLATION MANUAL

STEP 16 | If you are planning to run a winch, install your chosen winch on to the provided winch plate using the hardware that is included with the winch kit.

Maximum acceptable winch dimensions:
24.25" L x 6.09" D x 10.50" H



STEP 17 | Install your chosen fair-lead onto the DV8 front bumper before mounting the winch and winch plate.



INSTALLATION MANUAL

STEP 18 | If you are planning on running a LED light bar, install the provided light bar brackets on to your chosen light bar at this time as shown using the hardware the is included with the LED light bar.



STEP 19 | Install the light bar assembly onto the bumper as shown, loosely secure the light bar brackets to the bumper using the provided M6 Hardware.

Center the light bar and use a #4 Allen tool and an 10mm wrench to secure M6 hardware.

Use (2) M6 washers per M6 Allen head bolt. (1) for the bolt head and the other on the Nylon lock nut side.

For this install, we choose the DV8 20" Single Row LED Light Bar with Chrome Face



INSTALLATION MANUAL

STEP 20 | Mount the winch plate to the bumper using the provided M12 hardware.

Thread the M14 hardware through the bumper and then through the winch plate. Use a 21mm socket and 22mm wrench to secure the winch plate to the bumper.



INSTALLATION MANUAL

STEP 21 | With assistance lift the bumper up to the vehicle, use the provided (10) M12 hardware to loosely secure the bumper to the frame rails. (5) bolts per frame mount.

Center the bumper with the vehicle and secure the M12 hex bolts in place using a 18mm & 19mm socket.

Use (2) flat washers per M12 Hex head bolt. (1) washer for the Hex head and (1) for the Nylon lock nut.



STEP 22 | Install the factory bumper/grille assembly back on to the vehicle and test fit the grille assembly with the DV8 bumper in place.





STEP 23 | Check the fitment of the bumper/grille assembly around the DV8 Centric Front Bumper.

Trim/ file down additional material/rough edges as needed to obtain the perfect fit.

Note: This step may require the grille assembly to be installed/ uninstalled multiple times, be careful not to damage any retaining push clips.



INSTALLATION MANUAL

STEP 24 | *Optional Step:* If you need to space the bumper downward use the provided bumper spacers at the upper bumper mounting bolts as needed.

For our install we used (2) spacers on each side.



INSTALLATION MANUAL

STEP 25 | Once you are done trimming/filing rough edges and are satisfied with the fitment. Double check that all bumper mounting hardware is secure.

Install the bumper/grille assembly back onto the vehicle in the reverse order it was removed.

Tech Tip: Be sure to reconnect the fog light/parking sensor harness (if equipped)



STEP 26 | If you are planning to run the factory skid plate you will need to cut off the (3) mounting tabs as shown using your preferred cutting tool.

Tech Tip: Be sure to file the rough skid plate edges flat and use rust preventive paint to cover any exposed metal on the factory skid plate.





STEP 27 | Reinstall the factory skid plate using the factory hardware.



STEP 28 | Congratulations, installation of the DV8 Land Cruiser Centric Front Bumper is now complete.

