

SPEC SERIES FRONT BUMPER

24+ TOYOTA LAND CRUISER

FBTL4-02



TOOLS REQUIRED

- 10mm, 16mm, 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

- 6.5 Hours
- Time to install this should only take about six 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.

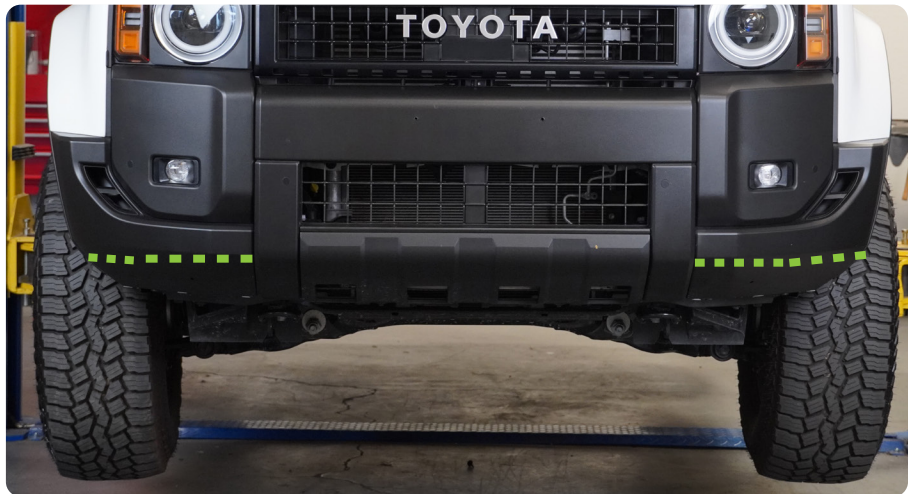
HARDWARE INCLUDED

- | | |
|-----------------------------|-----------------------|
| (4) M6x20 Allen Head bolts | (16) M10 Nylock Nuts |
| (4) M6 Nylock Nuts | (12) M10 Flat Washers |
| (8) M6 Flat Washers | (6) M14x35 Hex Bolts |
| (3) M8x20 Hex Bolts | (6) M14 Nylock Nuts |
| (3) M8 Flat Washers | (12) M14 Flat Washers |
| (10) M10x35 Hex Bolts | |
| (20) M10 Large Flat Washers | |
| (6) M10x25 Hex Bolts | |

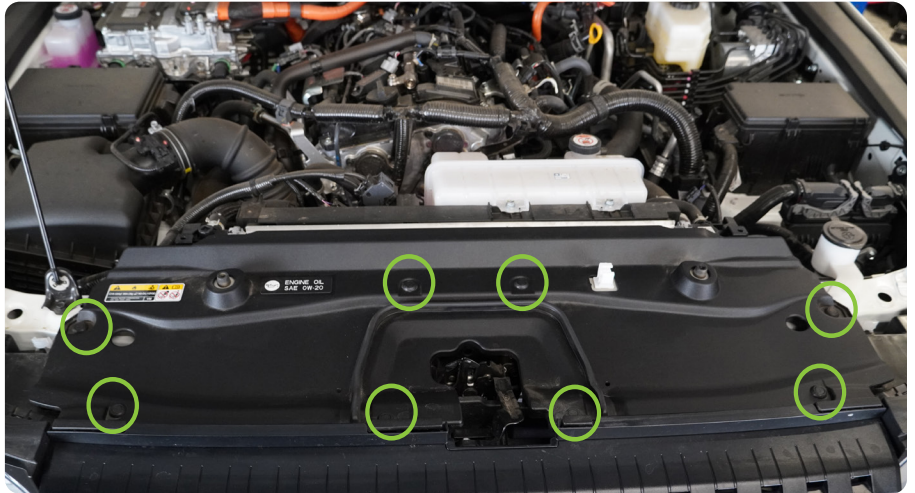
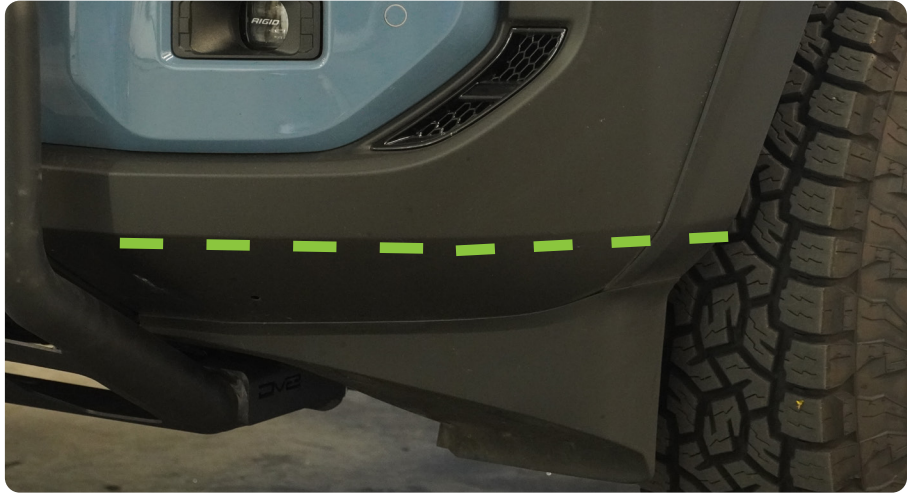


STEP 1 | Begin by first marking a cut line following the bumper body line as shown. Do not cut your bumper along this line until step 16. But this is the body line that will be used.

We recommend cutting about 1/4" below the body line and trim as needed to get the perfect fit.

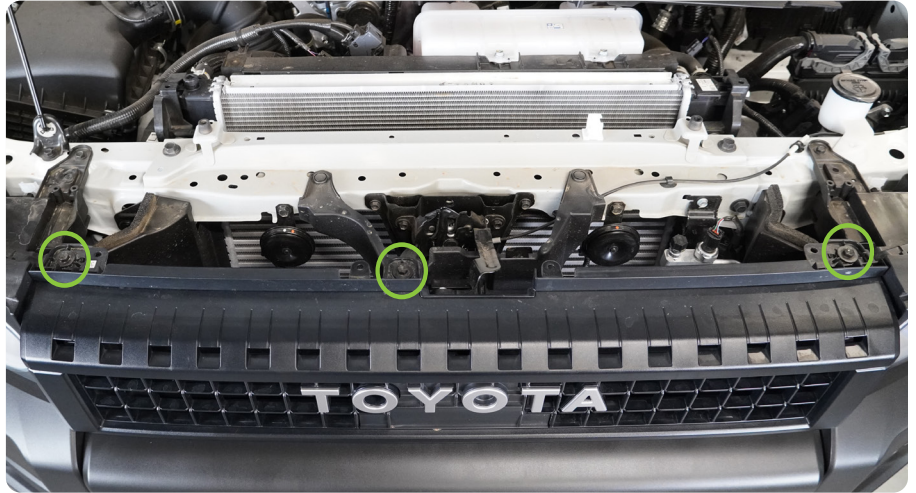


INSTALLATION MANUAL



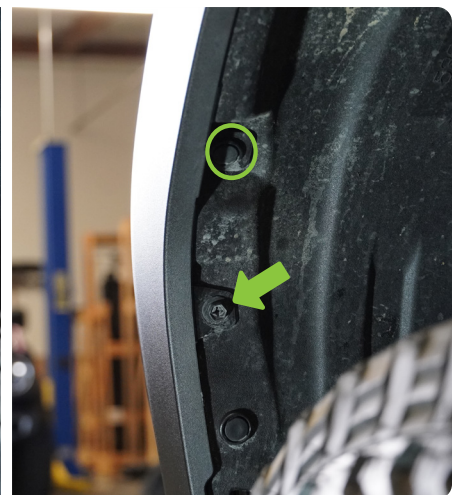
INSTALLATION MANUAL

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.

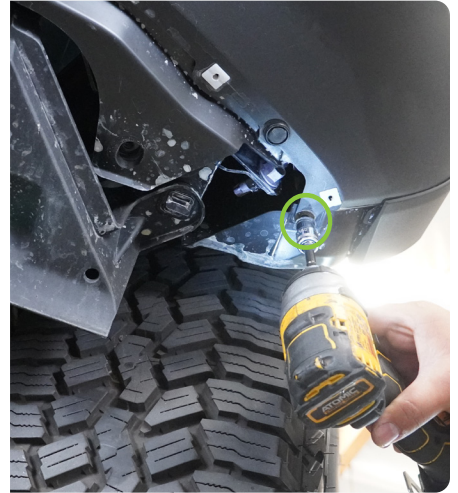


STEP 5 | Use a trim clip tool to remove the (2) push pins behind the fender flare on each side.



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.

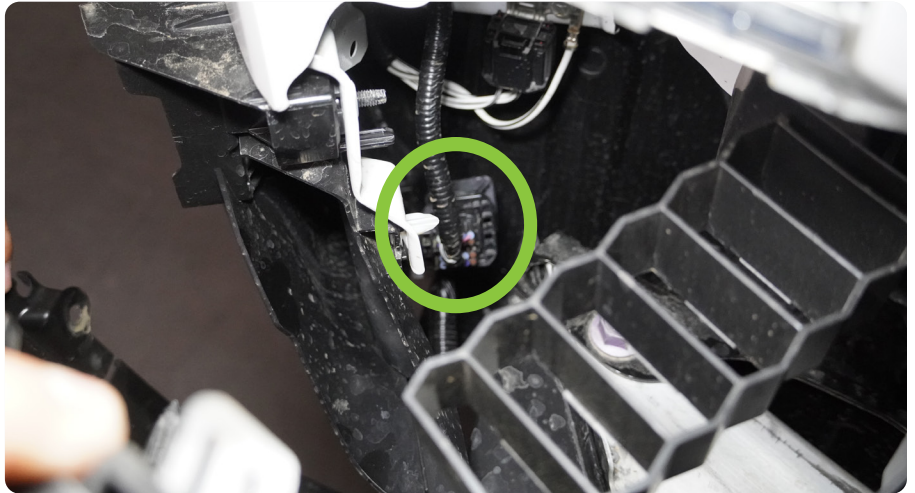


STEP 7 | With a firm grip, pull the bumper/grille assembly away from the vehicle to release any push clips that secure the bumper/grille assembly.



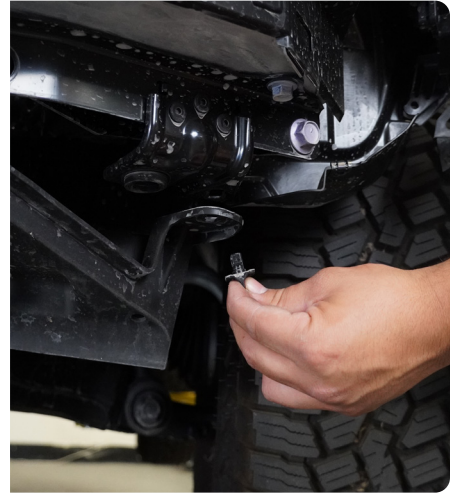
INSTALLATION **MANUAL**

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.

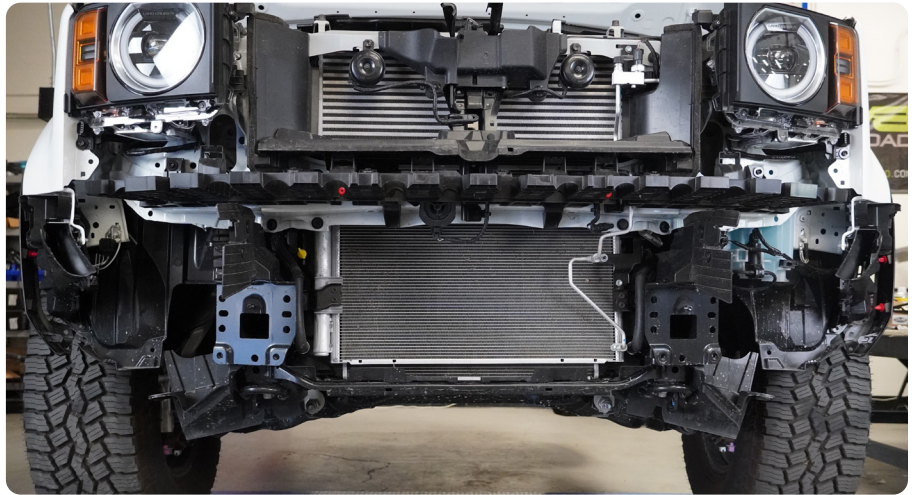


STEP 10 | Use a trim clip tool to remove the push pin that secure the plastic air guards to the crash bar.



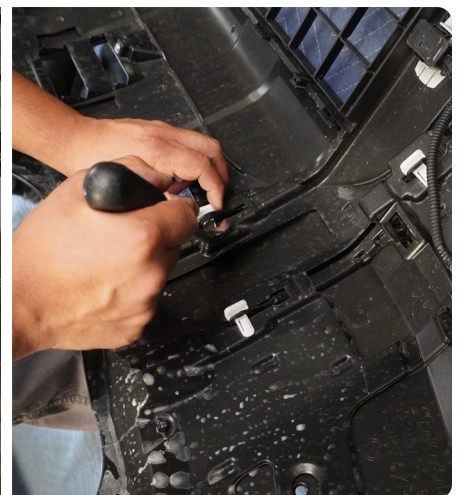
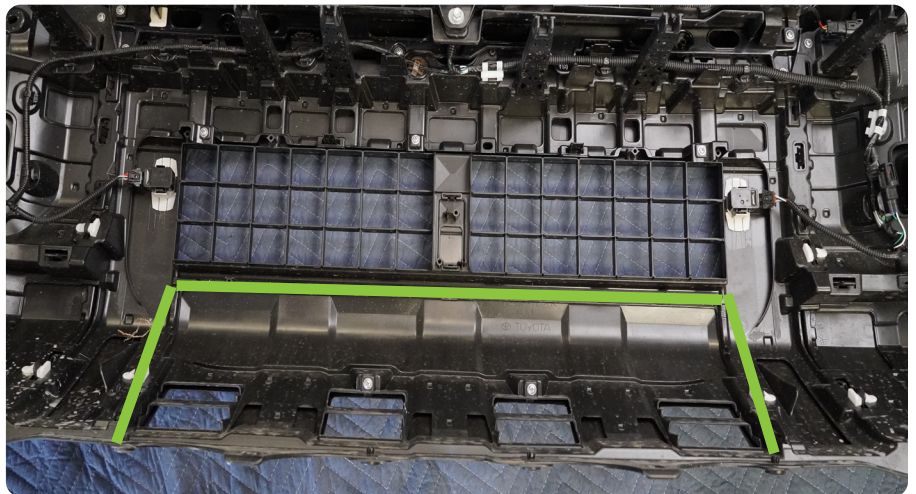
STEP 11 | Use a 17mm socket to remove the (10) hex bolts that secure the crash-bar to the vehicle.

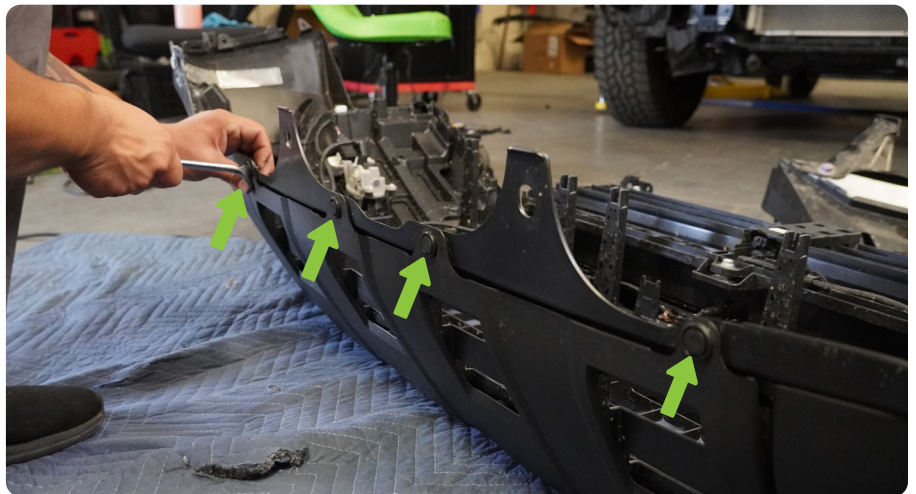
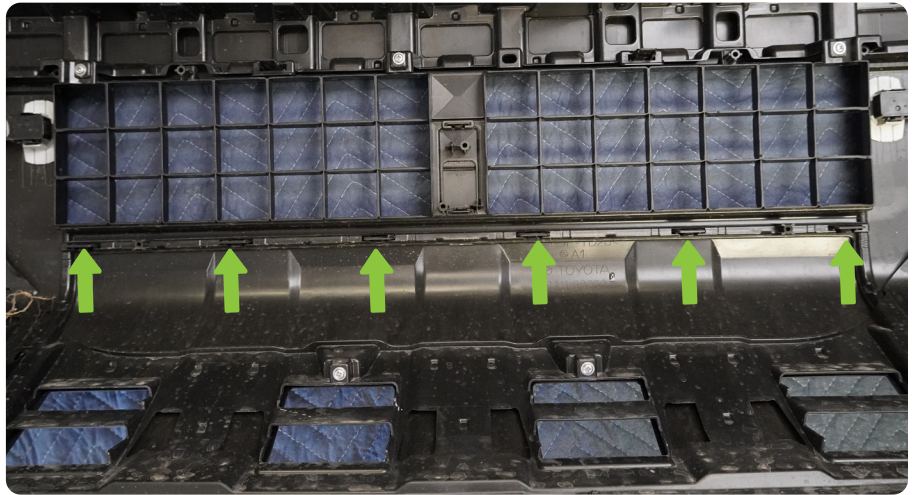




STEP 12 | Lay the bumper/grille assembly face down on a covered work area.

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





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.





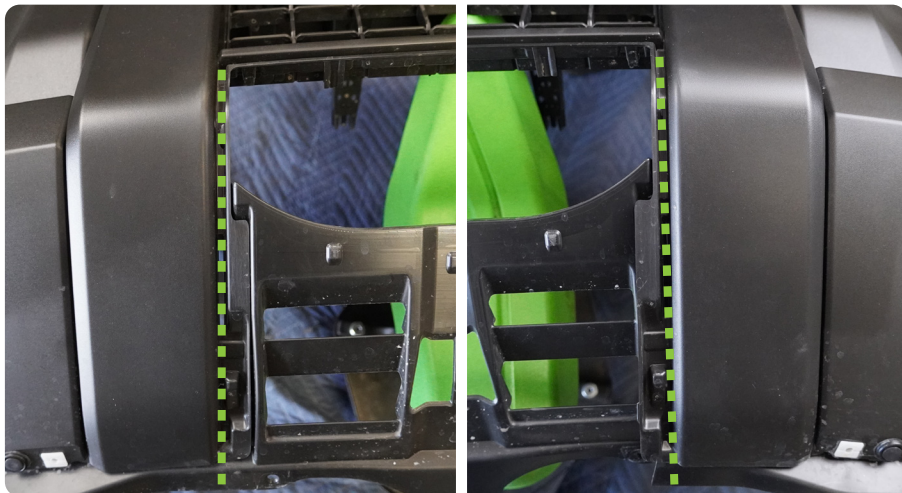
STEP 14 | Flip the bumper face up, and prop the bumper up.

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.



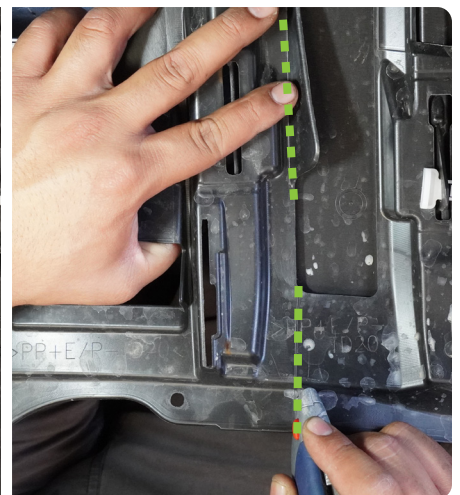
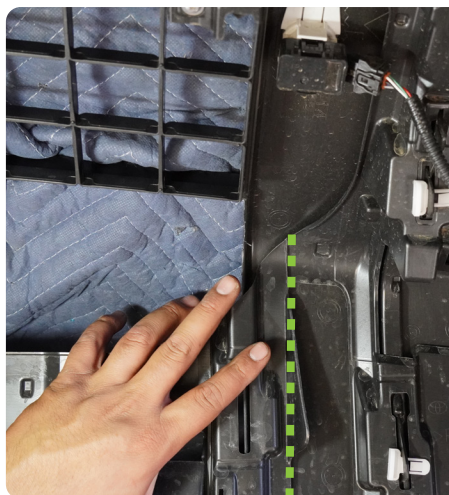
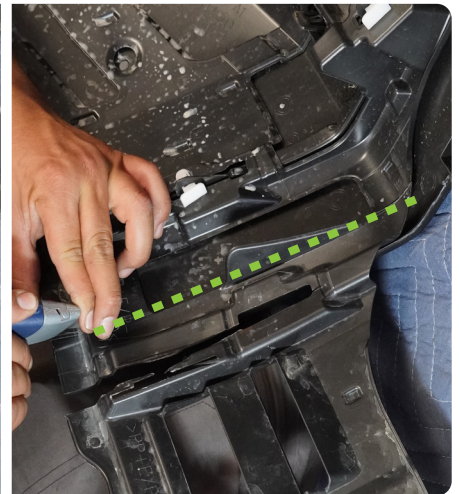
INSTALLATION MANUAL



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 | Make the cuts following the bumper body line that was marked in step one. The bumper should look as shown once all cuts have been made.

Cutting at the body line will leave 1/4-1/2 inch of excess material. This excess bumper material will be trimmed once the bumper is installed to obtain the ultimate fit.



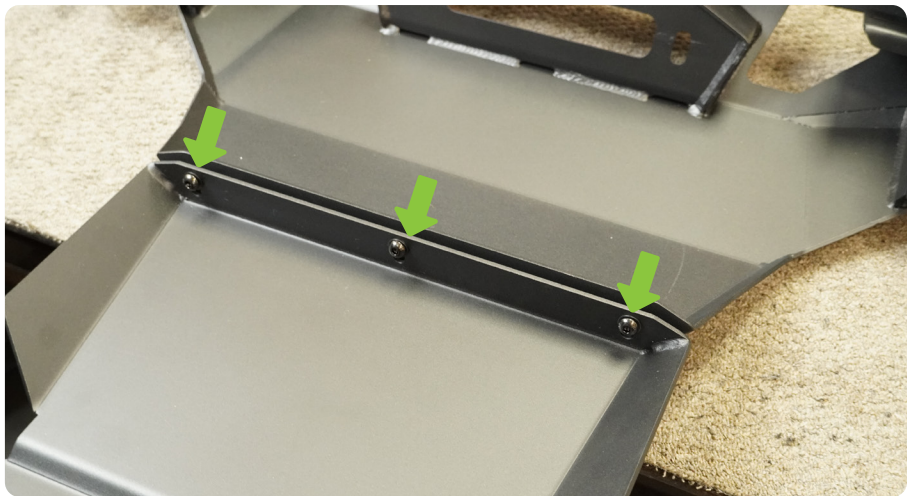
INSTALLATION MANUAL

STEP 17 | Lay the DV8 bumper onto a covered work bench. Place the provide foam on to the end of each wing.

Using a 16mm & 17mm wrench and the provided M10 Hex head hardware, secure the wings to the bumpers center section.



STEP 18 | Using the provided M8 allen head bolts and a #5 allen tool, loosely secure the skid plate to the bumpers center section.



INSTALLATION MANUAL

STEP 19 | If you are planning to run a light bar, mount the provided light bar brackets to your chosen light bar using the hardware included with the light-bar.



STEP 20 | Center the light bar into the bumper as shown. Using a #4 allen too, 10mm socket/wrench and the provided M6 hardware, secure the light bar brackets in place.



INSTALLATION MANUAL

STEP 21 | If you are planning to run a winch, mount your chosen fair lead at this time using the hardware provided with the fair-lead.

Mount the provided winch plate into the bumpers center section using the provided M14 Hex head hardware.

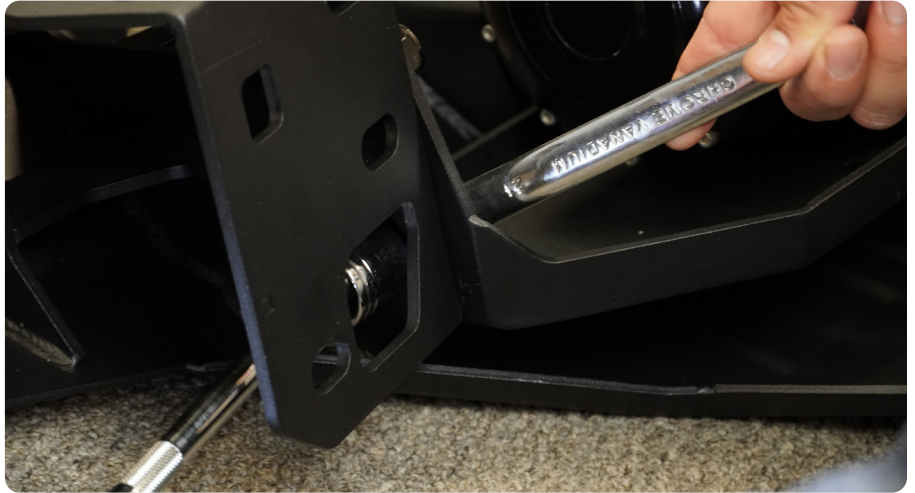


STEP 22 | Mount the winch to the DV8 winch plate using the hardware provided with the winch.



INSTALLATION MANUAL

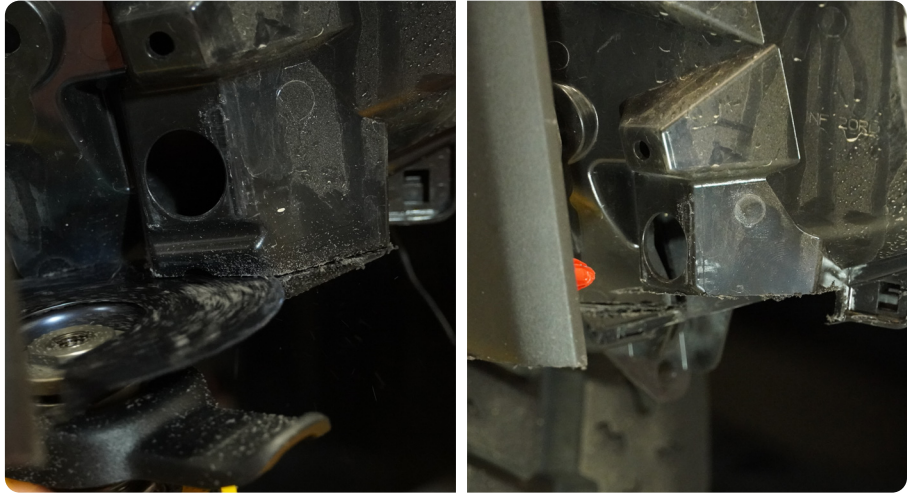
STEP 23 | Secure the winch plate in place using a 21mm wrench and 22mm socket.



STEP 24 | Before mounting the bumper, trim the bottom of the housing that the fender flare secures to as the bumper wing will crash against this housing.

Using your preferred cutting tool trim off the bottom of the housing.



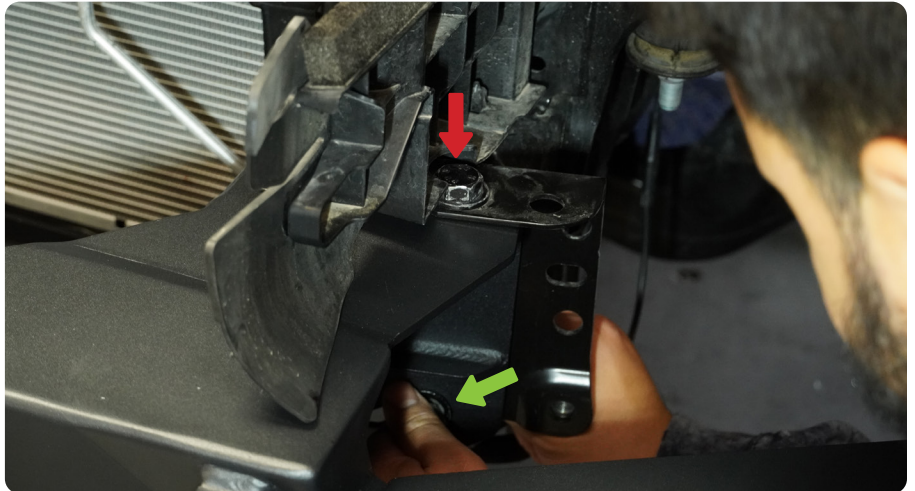


STEP 25 | With assistance, lift and mount the bumper onto the vehicle, loosely using the provided M10 and M14 Hex bolts.

Use the M10 Hex head bolts at the top. (Red arrow)

Use the M14 Hex head bolts, below to thread into the frame rail plate. (Green arrow).

Secure the hex bolts using a 16,17, 21 & 22mm socket or wrenches.



STEP 26 | If you wish for the bumper to protrude out, forward/away from the grille assembly place the provided (optional) spacer plate between the bumper and frame rail.

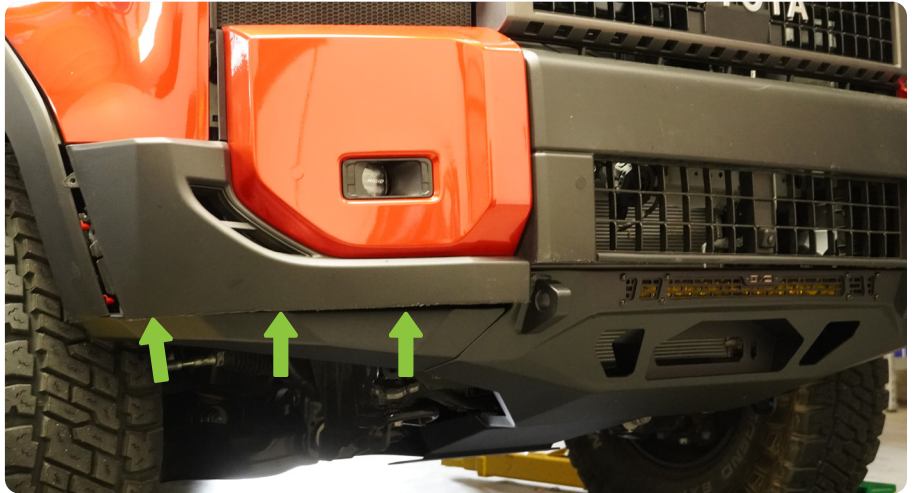


INSTALLATION MANUAL

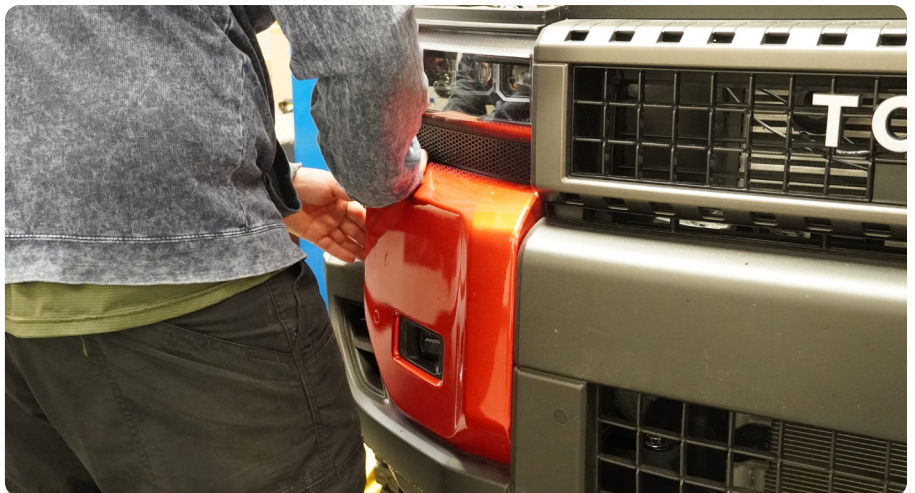
STEP 27 | Carefully reinstall the vehicles grille assembly.



STEP 28 | To obtain the ultimate fit and finish, trim the grille's lower bumper valance to match the bumper wing. We recommend leaving a 1/8 inch gap between the lower bumper valance and the DV8 bumper to account for body flex.



STEP 29 | Once you have finished trimming the lower bumper valance, ensure all grille assembly clips have been pushed back into place.



INSTALLATION MANUAL

STEP 30 | Double check that all hardware is secure.

Congratulations, installation of the DV8 Spec Series front bumper is now complete.

