

MTO Series Front Bumper

2016-2021+ TOYOTA TACOMA

FBTT1-04



TOOLS REQUIRED

- Ratchet
- 10mm Socket
- 12mm Socket
- 14mm Deep Socket
- Push Pin Removal Tool
- 17mm Socket
- 21mm Socket
- 21mm Wrench

SKILL LEVEL

- Novice/Intermediate
 - 1 to 2 People
- Little skill level required, you can easily install it by yourself however, additional help will be useful.

TIME REQUIRED

- 4 Hours
- Time to install this should take approximately 4 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

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.

Hardware Included:

- | | |
|-------------------|------------------|
| (6) M14x35 Bolts | (4) M6x20 Bolts |
| (6) M14 Lock Nuts | (4) M6 Lock Nuts |
| (12) M14 Washers | (8) M6 Washers |



STEP 2

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



INSTALLATION MANUAL

STEP 3

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



STEP 4

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



INSTALLATION MANUAL

STEP 5

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 6

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



INSTALLATION MANUAL

STEP 7

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



INSTALLATION MANUAL

STEP 8

Using the push pin removal tool, remove the push pin holding the fog light harness from the bumper support crossmember.



INSTALLATION MANUAL

STEP 9

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 10

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



INSTALLATION MANUAL

STEP 11

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 12

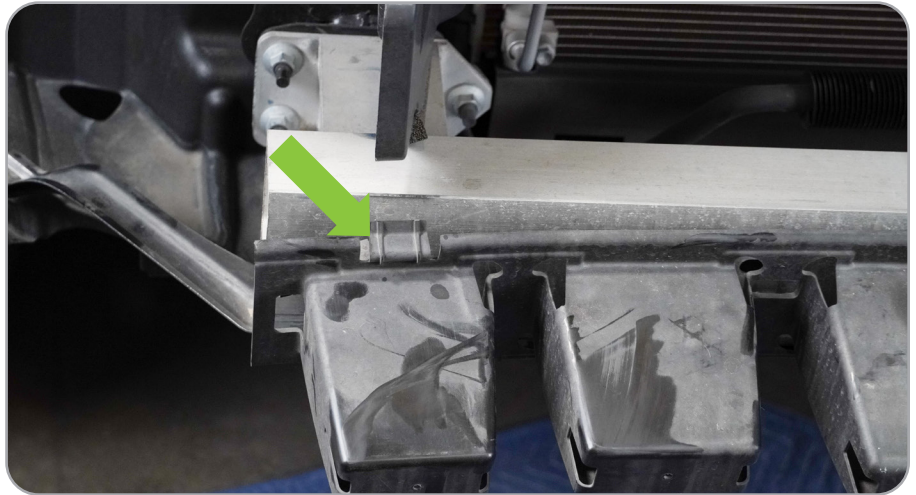
Disconnect the wheel well orange clips crash bar support.



INSTALLATION MANUAL

STEP 13

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 14

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

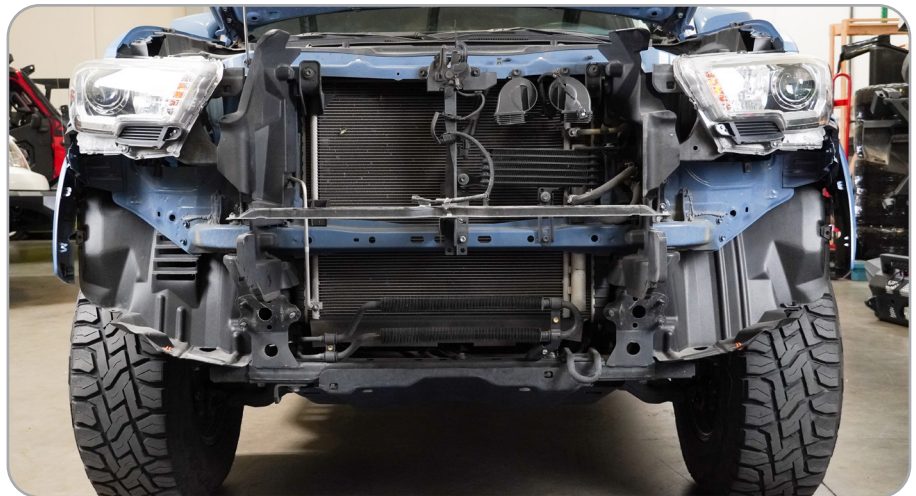
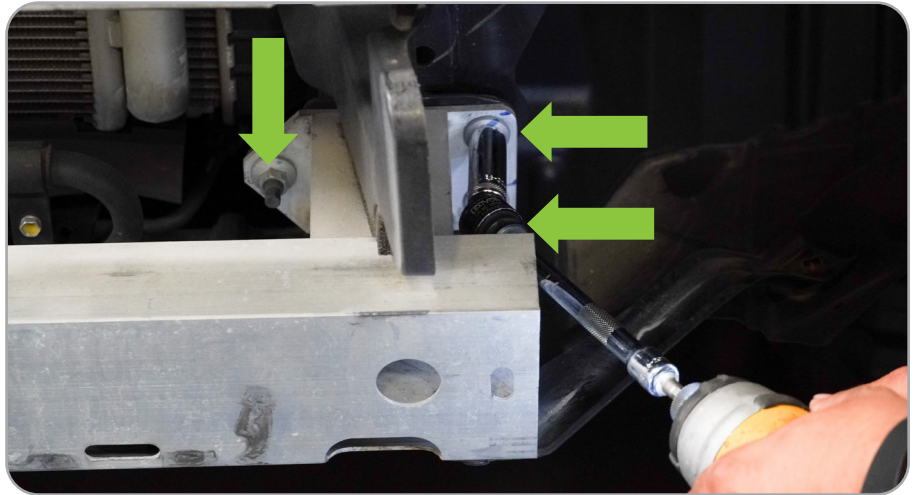
NOTE: Only one side must be loosened to relieve tension on the assembly. If you do not do this, you will damage the threads on the frame mounting location.



INSTALLATION MANUAL

STEP 15

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 16

Using a 17mm socket, remove the two bolts securing the “L” brackets located on both ends of the underside of the front frame crossmember.



INSTALLATION MANUAL

STEP 17

Using the 17mm socket, remove the remaining bolt on the underside of the front frame crossmember to remove the frame extension. Repeat on opposite side.



INSTALLATION MANUAL

STEP 18

On the DV8 bumper, begin by attaching the wings using 21mm socket and wrench and the provided M14 hardware.



INSTALLATION MANUAL

STEP 19

If running 3" pods on the wings, install them using the hardware provided with the lights.

NOTE: We are running two 3" DV8 elite pod lights



STEP 20

In the center of the bumper, you can run an optional dual row light bar up to 20". Using the "U" shaped bracket provided, attached to bumper using the M6 hardware. Mount light to bracket with hardware and light mounts provided with the light.



INSTALLATION MANUAL

STEP 21

Lift your bumper to the vehicle and align it with the studs where the crash bar was mounted. With a 14mm socket or wrench, thread the factory nuts you removed in step 14 onto the studs until bumper is loosely mounted.

NOTE: An extra pair of hands will make this process easier.



INSTALLATION MANUAL

STEP 22

Reinstall the factory bolts from step 8 using a 10mm onto the bottom of the DV8 bumper.



STEP 23

Reinstall grille in the same manner it came out, using the guide pins for reference. Using a 10mm and two factory bolts and push pins from step 1, secure the grille.



INSTALLATION MANUAL

STEP 24

Center the bumper on the vehicle, ensure the ends of the wings are at equal distances and heights from the headlights. Using the 14mm socket, tighten bumper until secure.



STEP 25

Measure space between headlights and bumper prior to cutting. See template for approximate measurements.

NOTE: For our install, we left 1" extra and trimmed as necessary as we fit the side panels into place to get the best cut possible.



INSTALLATION MANUAL

STEP 26

When cutting bumper, leave brace that attaches both side panels together on the underside of the grille.



STEP 27

Once panels are trimmed, install onto vehicle with bumper, and secure with factory clips. Trim fenders (if equipped) to match bumper wings.



STEP 28

Using scissors or a razor blade, trim the inner fenders, keeping the most mounting points you can while clearing the bumper.



INSTALLATION MANUAL

STEP 29

Double check all hardware is secure and if running optional pods, wire lights as desired.

You are now done with the install of your new DV8 MTO Series Front Bumper.

