DV8 Offroad FBBR-01 Installation Instructions

FBBR-01

Part number: FBBR-01

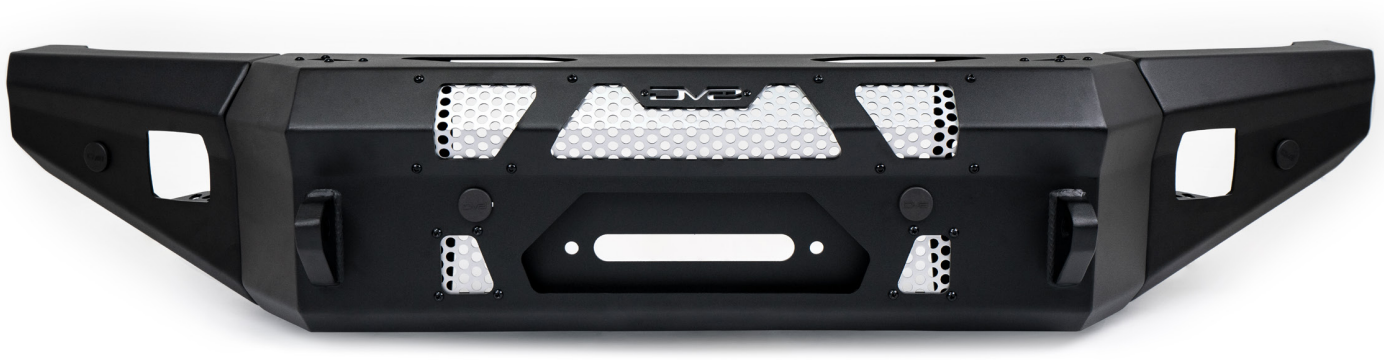
trailfortress.com/dv8-offroad-fbbr01

Scan for fitment, price and install help

6400 SYCAMORE CANYON BLVD.
RIVERSIDE, CALIFORNIA 92507
855-680-9595
WWW.DV8OFFROAD.COM

PRODUCT
INSTALLATION MANUAL

MTO Series Front Bumper
2021 FORD BRONCO
FBBR-01



TOOLS REQUIRED

- 13mm, 15mm, 18mm & 21mm sockets
- 10mm, 15mm, 18mm & 21 mm wrenches
- Pushpin Puller or Flathead Screwdriver
- T40 Torx Bit
- #4 Allen Head
- Snips/Scissors
- Zip Ties

SKILL LEVEL

- Novice/Intermediate
- 2 people

Intermediate skill level required. Additional help will be needed when removing factory bumper.

TIME REQUIRED

- Approximately 3.5 Hours

Time to install this should take about 3.5 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*

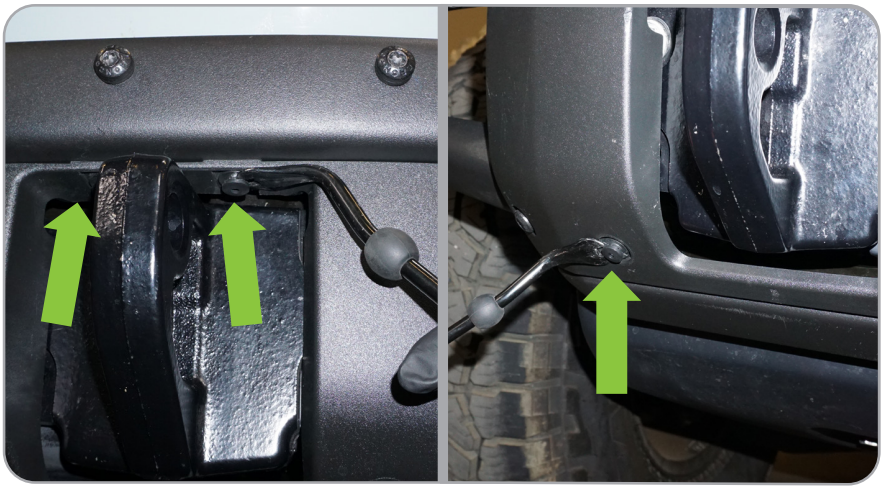
Inspect all contents of this package to make sure product is not damaged and all installation hardware has been included. If parts are missing from kit, please be prepared to provide the following information

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

STEP 1

REMOVAL OF FACTORY STEEL BUMPER

Begin by removing the front plastic d-ring guards. Using a screwdriver or push pin remover, remove the (2) pins on the bottom and (2) near the top of the d-ring mount.



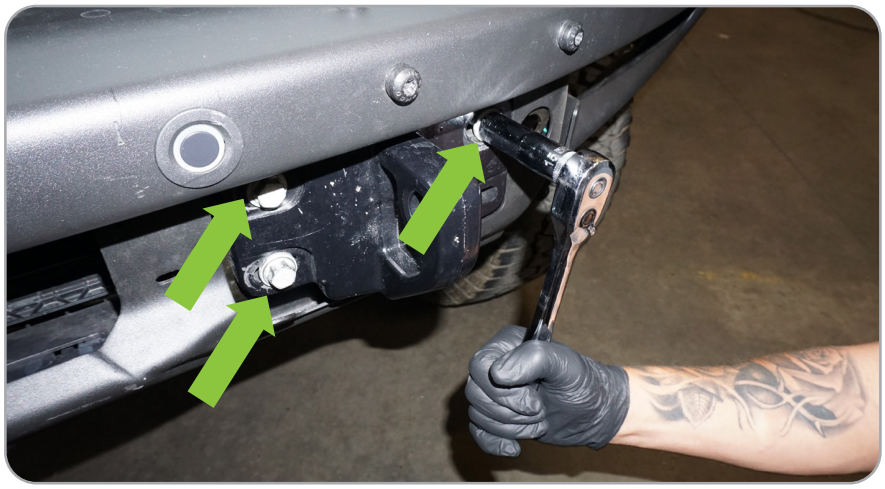
Pull the top half away from the Bronco and set to the side. Repeat for the other side.



STEP 2

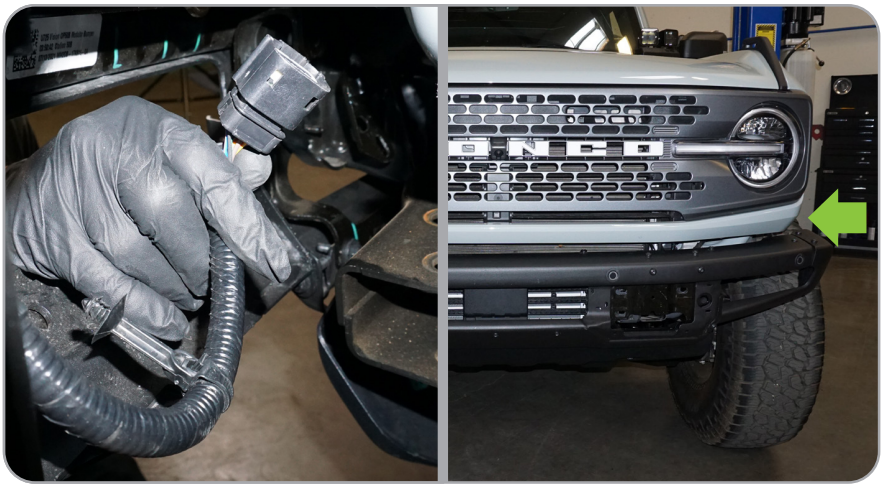
Using a 15mm socket, loosen the (3) bolts on each side.

Note: When you do this, the bumper can become free from the vehicle and can fall. Ensure you have another person holding it, or the bumper secure to prevent falling and injury.



STEP 3

Once all bolts are loose, remove the plug for the fog lights and front sensors if equipped. This is located at the back end of the grill on the driver side.



STEP 4

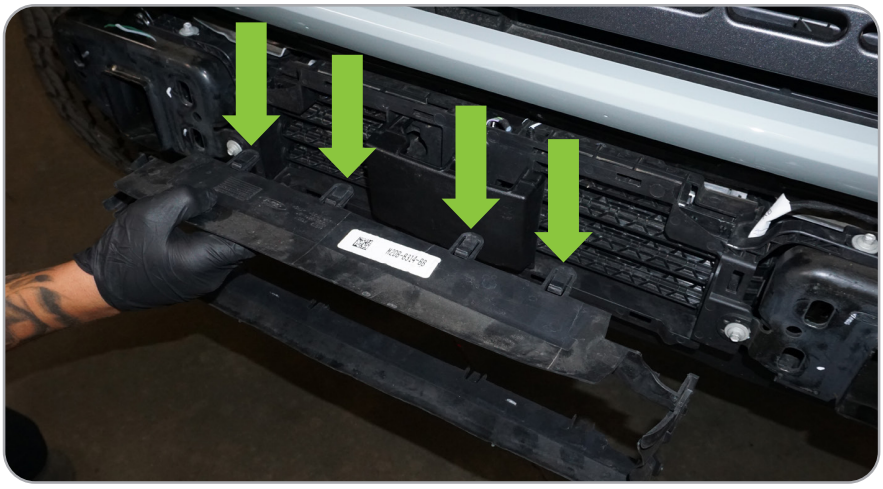
Once unplugged, remove all (6) bumper bolts and d-rings mounts. Set bumper face down off to the side.





STEP 5

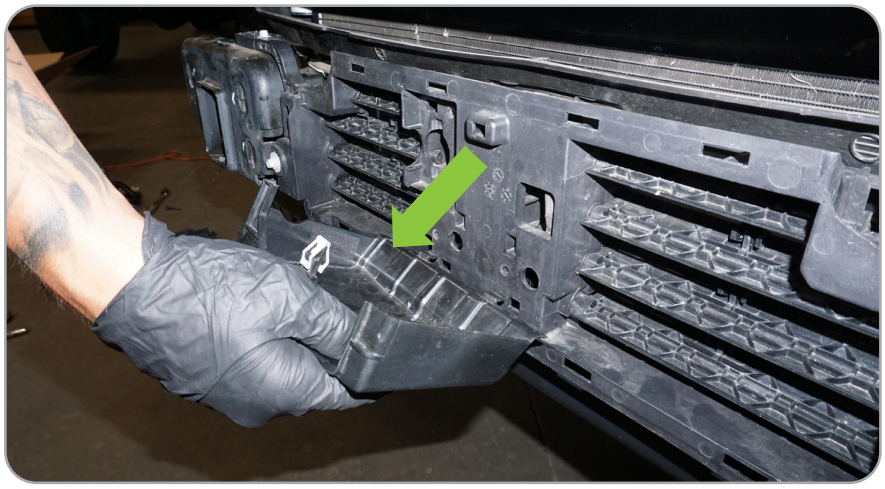
Remove the rubber/plastic shroud under the grill by pulling the tabs on the shroud away (up/down) from vehicle while pulling the shroud from the vehicle.



STEP 6

If you do not have adaptive cruise control, remove the plastic cover by pushing the clip on the top down while pulling away from Bronco, and set off to the side.

Note: If you have adaptive cruise control, you will need to relocate the module using our ABBR-01 to retain the functionality (Adaptive Cruise Control Relocation Bracket).



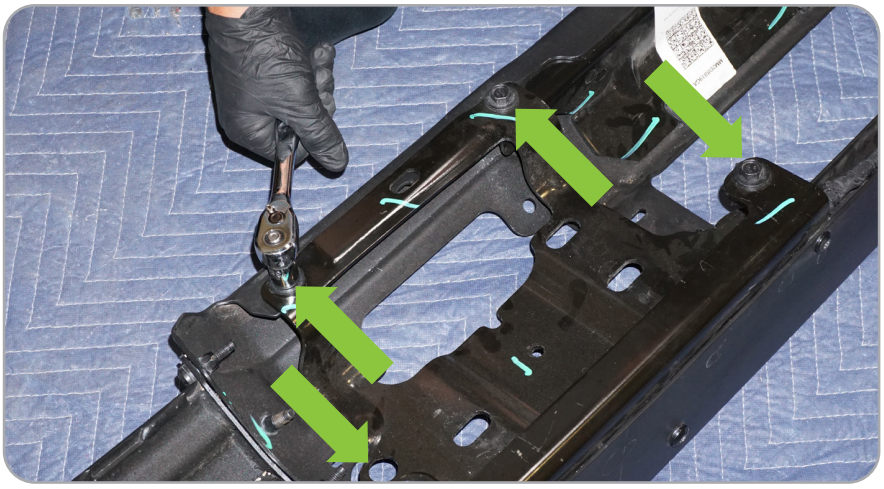
STEP 7

Reach behind each bumper mount on the frame rail and remove the factory nut plate.



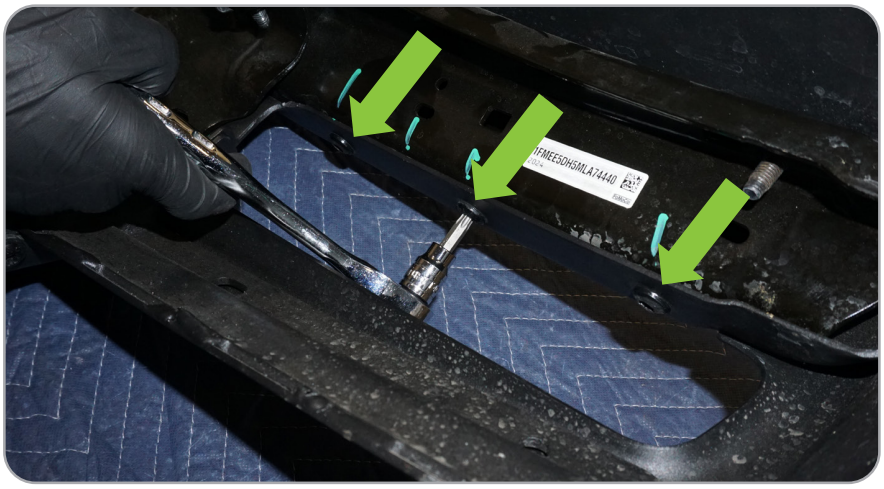
STEP 8

If equipped with sensors, remove the main bumper brackets from the backside of the bumper using a 13mm socket, remove the (4) hex head bolts.



STEP 9

Next, using a T40 torx bit, remove the (6) bolts securing the mount in place. Once removed, gently separate mount from bumper, and set off to the side.





STEP 10

To remove the wire harness, using a flat head screwdriver or pin puller, remove all the retaining clips securing the harness to the bumper.



STEP 11

To remove the sensors, spread the two tabs on the sensor bezel and gently pull up on the sensor. Make sure that the rubber ring around the sensor head remains on the sensor.



STEP 12

Lastly, gently squeeze the same two tabs on the sensor bezel and push the backside of the sensor to remove the bezel. Continue the same steps on the remaining sensors.



STEP 1

INSTALLATION OF DV8 BUMPER

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:

- (8) M14x35mm Bolts
- (8) M14 Lock Nuts
- (16) M14 Flat Washers
- (6) M12x50mm Bolts
- (6) M12 Split Washers
- (12) M12 Flat Washers
- (4) M6x20mm Bolts
- (4) M6 Lock Washers
- (8) M6 Flat Washers



STEP 2

Place the center section of the bumper face down on a soft surface to prevent any damage to the coating.



STEP 3

Next, lay out both wings and install the provided foam gasket on the wings.

Note: Use care when applying, since any edges that go past the front face will be visible when installed on the truck.



STEP 4

Using the provided shorter M12 bolts, attach the wings to the center section of the bumper.



Line up the front and top face of the wings with the center section and tighten all wing hardware using a 21mm socket and wrench.



STEP 5

If your vehicle is equipped with factory sensors, install the factory sensor bezels.

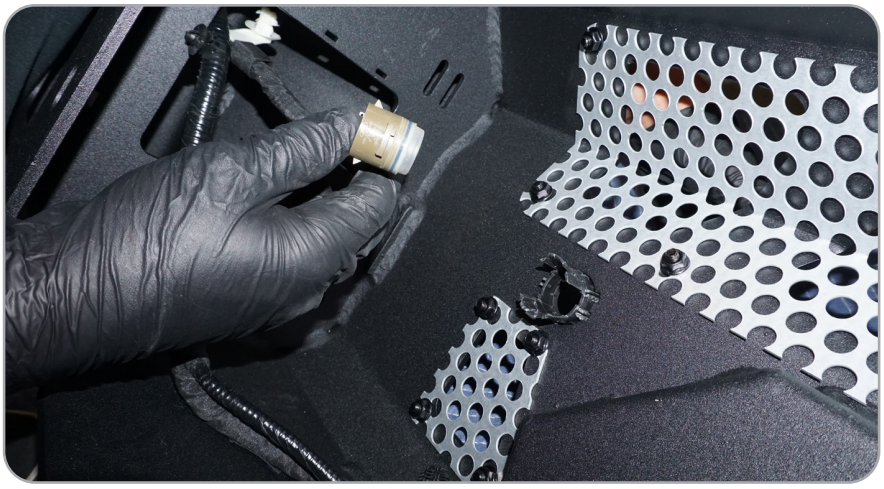
Note: Our bumpers are designed to accept both factory metal bumper and plastic bumper sensor bezels. All cutouts are cut differently to ensure each bezel is placed into the correct hole. They should easily pop into place.



STEP 6

Feed the wiring harness into the bumper though the interior wing cutouts so that each sensor is aligned with their bezel.

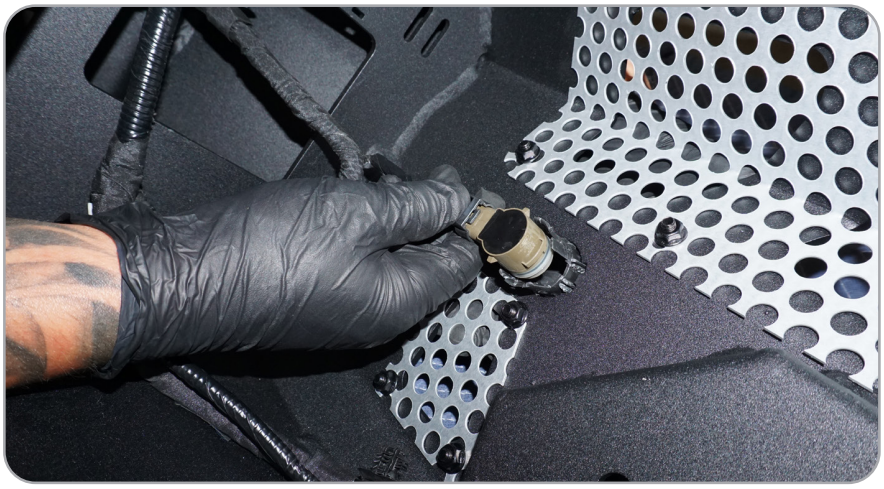
Note: The large plug needs to be on the driver side of the bumper.



STEP 7

While holding the front of the sensor bezel, push the sensor into the bezel, until the sensor clicks into place.

Repeat for all sensors.



STEP 8

Install 3” cube lights into the wings.
(Lights are not included with the bumper)



STEP 9

After the lights and sensors (if equipped) are installed, using standard zip ties, secure the wiring to our zip tie tabs.

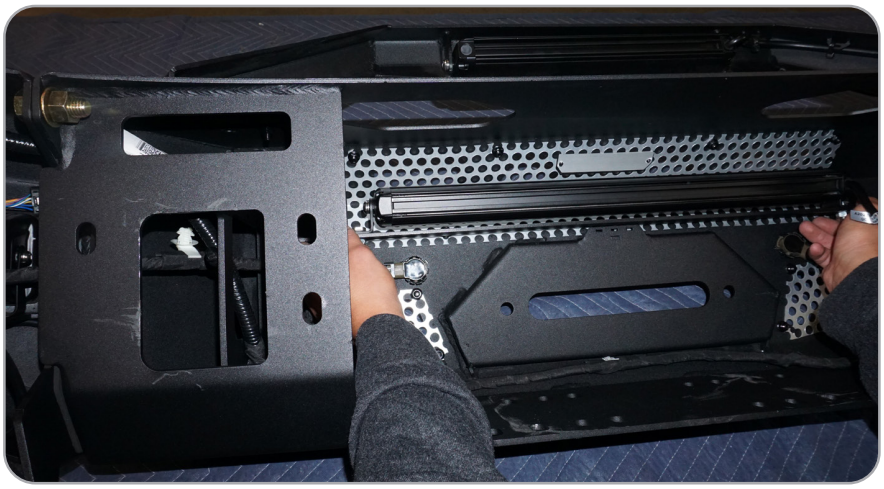


STEP 10

If you will be running a winch, install this into the bumper at this time.

Note: If you do not intend to run a winch, we provide a mount for a 20" single row light bar. Using the provided M5 hardware, with the light attached to the bracket, install the bracket into the bumper centered behind the screen with the DV8 logo.





STEP 11

Ensure there is no wiring hanging down from the bumper since it can make the install of the bumper onto the Bronco more difficult.



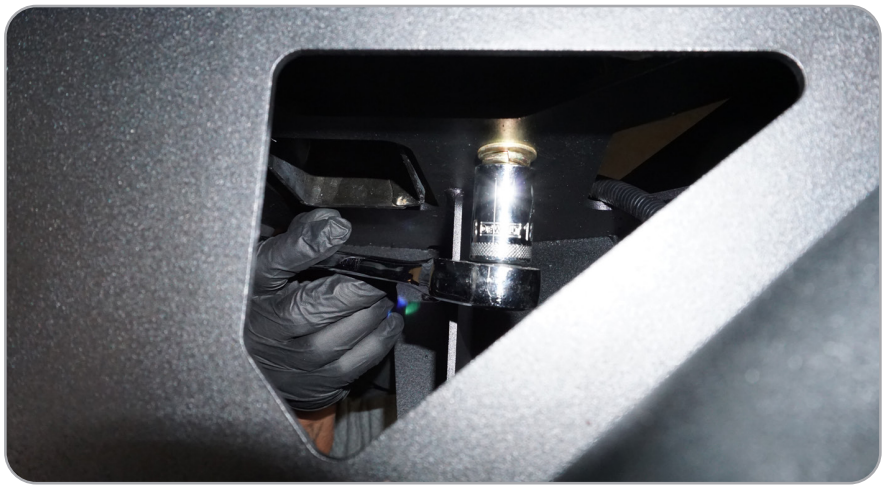
STEP 12

Using assistance, hold the bumper up to the vehicle. Using the provided M12 bolts and hardware, secure the bumper to the Bronco but do not tighten until the next step. The bolts should be inserted into the bumper and then through the mounting plate on the frame with the threads of the bolt pointing towards the rear of the vehicle.



STEP 13

Prior to tightening the bumper down, using assistance, align the bumper to ensure the best fit, then tighten down all the hardware to 70 ft lbs. using a 18mm socket and wrench.



STEP 14

Lastly connect the senor plug to the connector located on the back driver side of the grill.



STEP 15

Double check all hardware and connect lights and winch to power supplies.

**Shown with optional Bull Bar sold separately (LBUN-01)*

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

