

COMPETITION SERIES FRONT BUMPER

2021+ BRONCO

FBBR-04



TOOLS REQUIRED

- Snips or Scissors
- Push Pin Removal Tool
- #4, #5 Allen Head
- 13mm Wrench
- T40 Torx Bit
- Electrical tape or wiring sleeve
- 13mm, 15mm, 16mm Socket
- Cut off Wheel or Sawzall (Factory Plastic Bumper Owners Only)
- Zip Ties
- Ratchet

SKILL LEVEL

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

TIME REQUIRED

- 3 Hours
- Time to install this should only take about 3 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

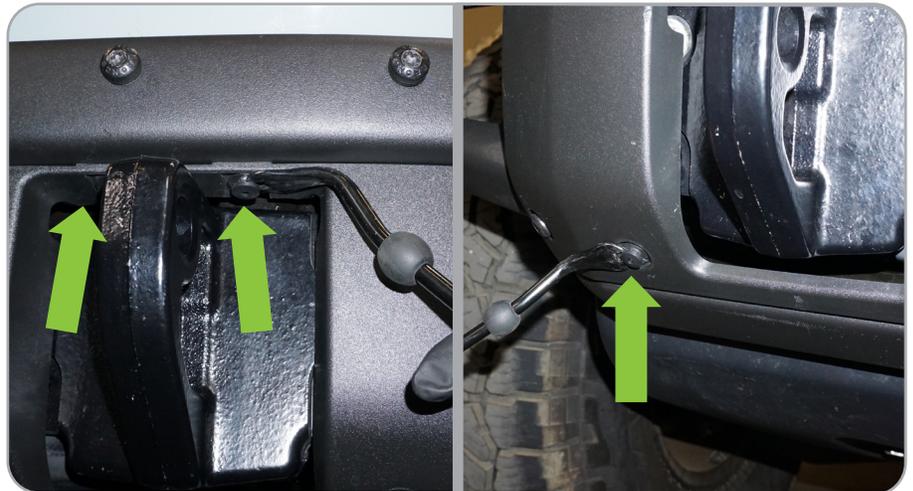


INSTALLATION MANUAL

STEP 1

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.



INSTALLATION MANUAL

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

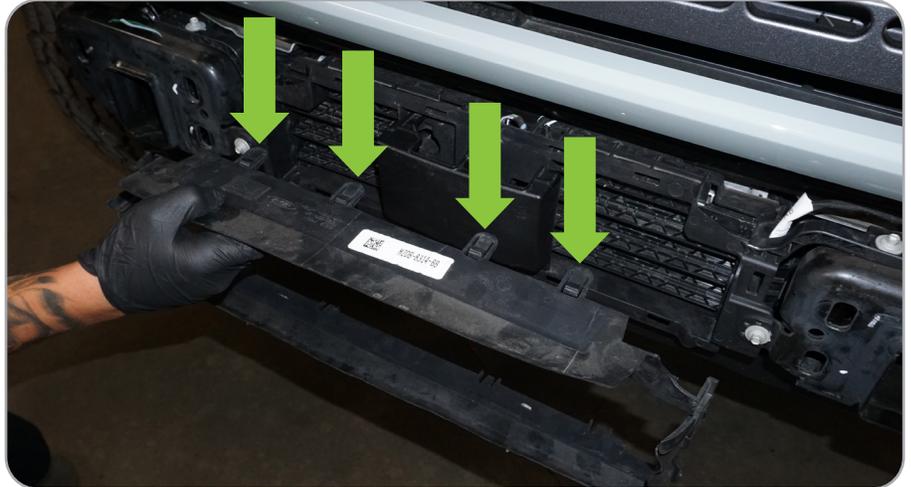
Once unplugged, remove all (6) bumper bolts and d-rings mounts. Set bumper face down off to the side.



INSTALLATION MANUAL

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

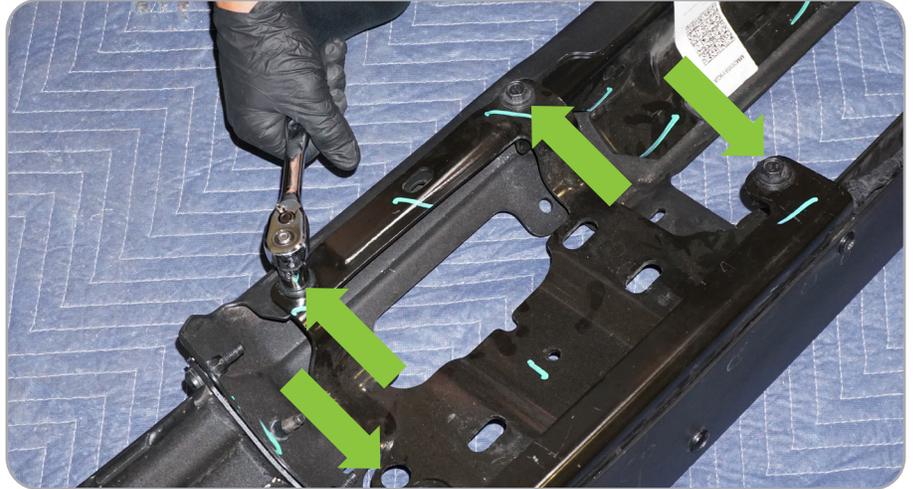
Reach behind each bumper mount on the frame rail and remove the factory nut plate.



INSTALLATION MANUAL

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.



INSTALLATION MANUAL

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.



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.

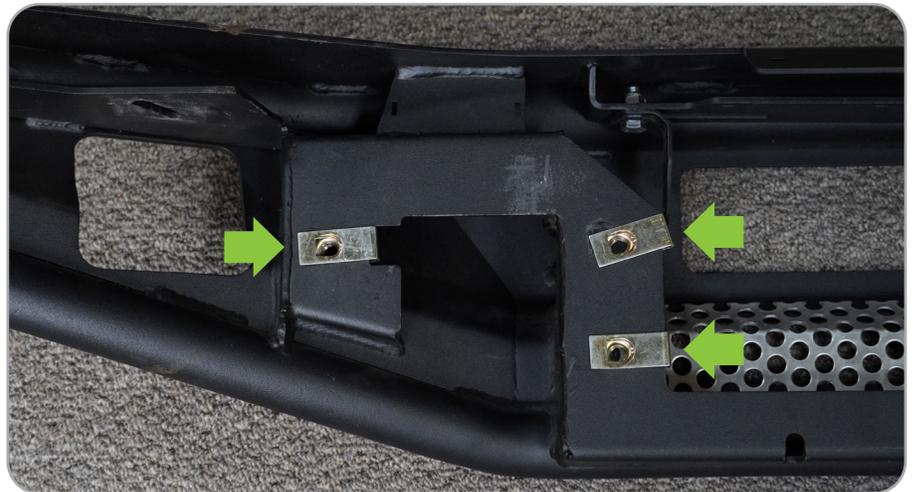
Hardware Included:	(7) M8 Flat Washers
(6) M10x30 Hex Bolts	(7) M8 Split Washers
(12) M10 Flat Washers	(2) M8 Nuts
(6) M10 Flat Washers	(8) M6x20 Allen Bolts
(5) M8x40 Allen Bolts	(16) M6 Flat Washers
(7) M8x25 Allen Bolts	(8) M6 Lock Nuts



STEP 2

Install the provided flat nuts on the DV8 bumper.

NOTE: The flat side should be facing the back of the bumper. Push nut on bumper until it "clicks" into place. Font looks thinner than other notes below.



INSTALLATION MANUAL

STEP 3

If you are running pod lights, install them at this time using the hardware provided with the light.

NOTE: For our installation, we are using (2) 3" DV8 elite series pod lights.



STEP 4

This bumper is designed to fit a 20" dual row light bar. If you choose to run a light bar, begin by loosely installing the L brackets provided with your light to the two slots on the top side of the bumper. Secure the light bar to the mounting brackets using the hardware provided with the lights.



STEP 5

For the two center sensors, you will need to cut back or unpeel the wiring loom of the bumper wiring harness. Once the wiring is exposed gently pull the two center sensors away from each other. This will create extra length in the harness needed for all sensors to reach their install location. Cover wiring with electrical tape or sleeve.



INSTALLATION MANUAL

STEP 6

Feed the bumper wiring harness through the bumper. Ensure the connector for the wiring will terminate on the driver side and that sensors are laying in the approximate location that they will be installed.



INSTALLATION MANUAL

STEP 7

Install sensor bezels in the same location they were removed, or in the manner they are indicated on the bezels. Install with care, as you may need to apply light pressure for them to “clip” into place. For example, our image shows “ROR” for rear outer right.

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.



INSTALLATION MANUAL

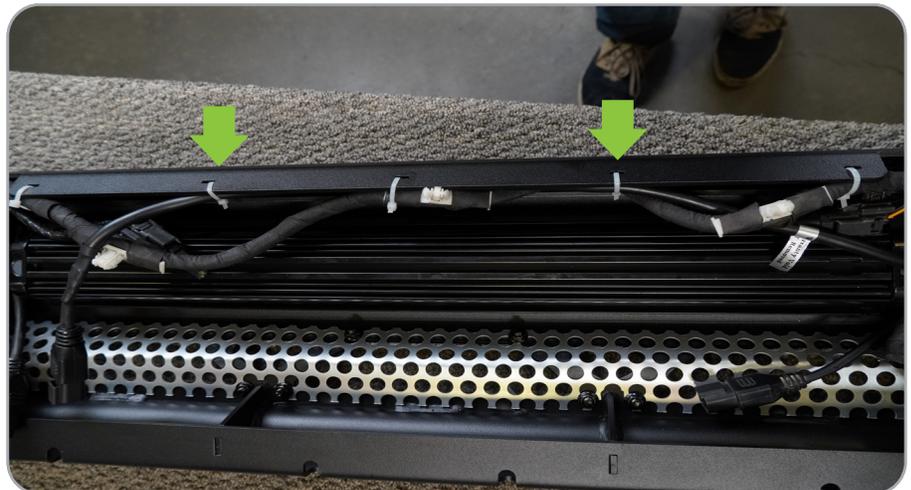
STEP 8

While holding the front of the sensor bezel, push the sensor into the bezel, until the sensor clicks into place. Repeat steps for all sensors.



STEP 9

Zip-tie all wiring to the built-in zip tie tabs. Make sure all wiring will be accessible to make connections once bumper is installed.

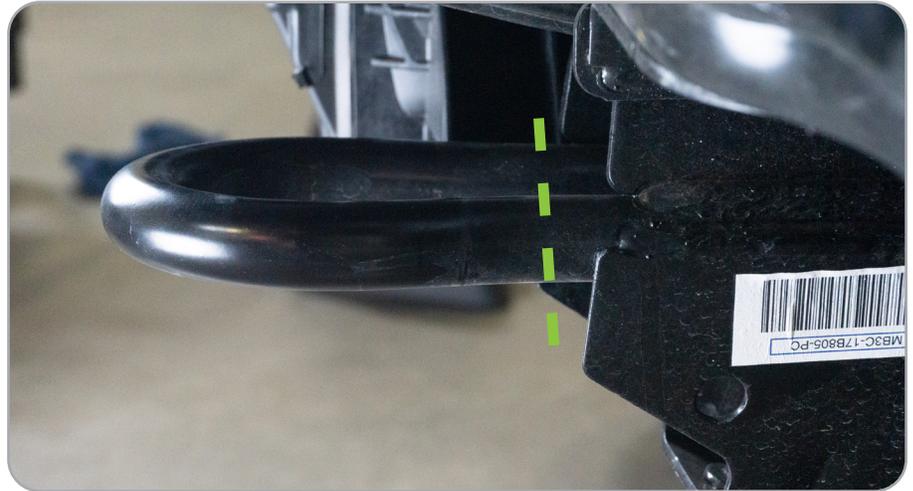


INSTALLATION MANUAL

STEP 10

Factory Plastic Bumper Owners Only

Prior to installing the bumper onto the vehicle, you will need to trim the D-rings on the skid plate mount flush to be able to accept the FBBR-04 skid plate in the following steps. Using a Sawzall or cut off tool, trim the D-ring



STEP 11

Install the bumper on the vehicle using a 16mm socket and provided M10 hardware. Torque to 45 ft-lbs.

NOTE: Assistance is recommended to prevent injury/damage.



INSTALLATION MANUAL

STEP 12

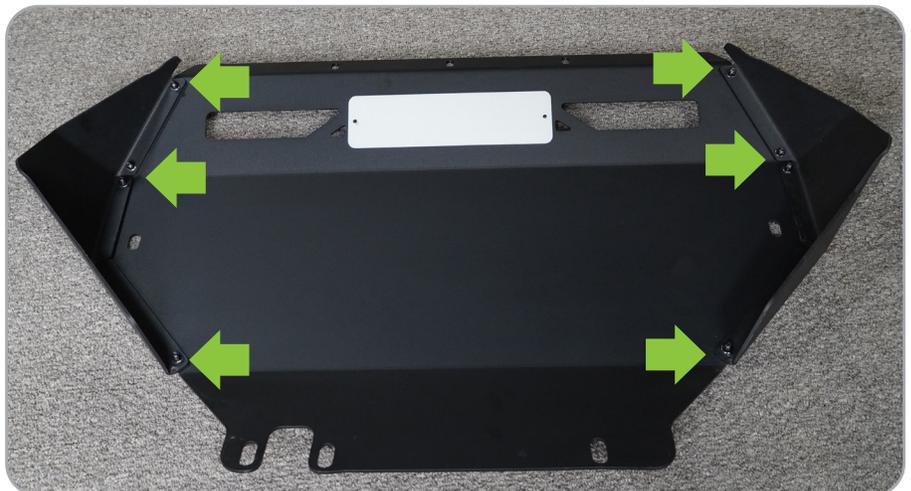
Wire pods and light bar lights as desired. Re-attach bumper wiring harness located behind the grill on the driver side of the vehicle.



STEP 13

Place the skid plate on a soft surface. Install the side caps using a #4 allen head and provided M6x20 hardware.

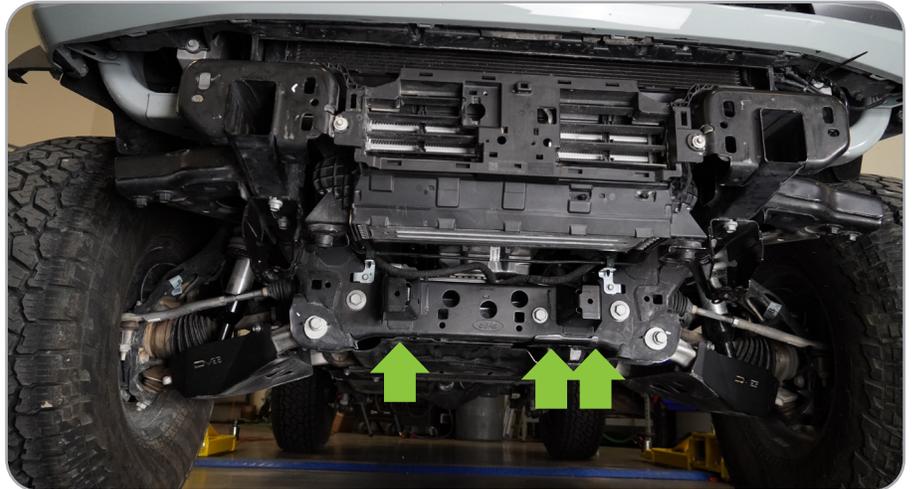
NOTE: Check the orientation to ensure they are installed correctly.



INSTALLATION MANUAL

STEP 14

Using a 15mm socket, remove the factory bolts on the front cross member where the skid plate will attach.



STEP 15

Using the factory skid plate hardware, loosely install the skid plate. We provided (2) 1/4" spacer plates to use as needed. If your bumper is adjusted all the way up tightly against the grille, you may need to use one or both spacers.



INSTALLATION MANUAL

STEP 16

Install the skid plate with the spacer plates using the provided M8x40 and factory hardware with a #5 allen head and 15mm socket. Tighten all hardware until secure.



STEP 15

Double check fitment and all hardware is secure.

