

## PUSH BAR/LIGHT BAR

21+ FORD BRONCO 22+ BRONCO RAPTOR

LBBR-10



### TOOLS REQUIRED

- T45, T25 Torx Tool
- #4, #6 Allen Tool
- 10mm, 13mm 17mm Sockets
- Flush cutters
- Trim Tool
- Safety Glasses

### SKILL LEVEL

- Novice
  - 1 (you) persons
- Little skill level required, you can easily install it by yourself.

### TIME REQUIRED

- .5 Hour for push/light bar.
  - 2 hours for camera relocation.
- Time to install this should only take about half hour to install push/light bar only, two hours total to install front camera relocation and push/light bar.

## 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

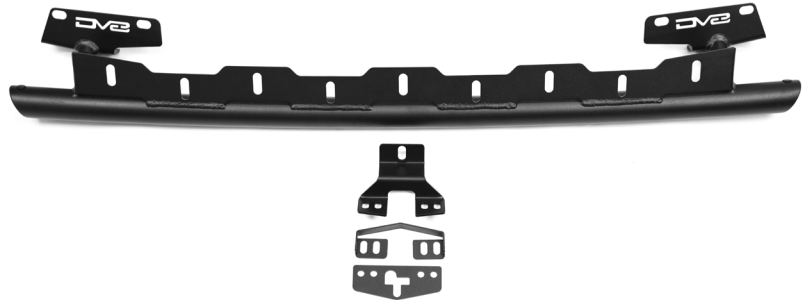


# INSTALLATION MANUAL

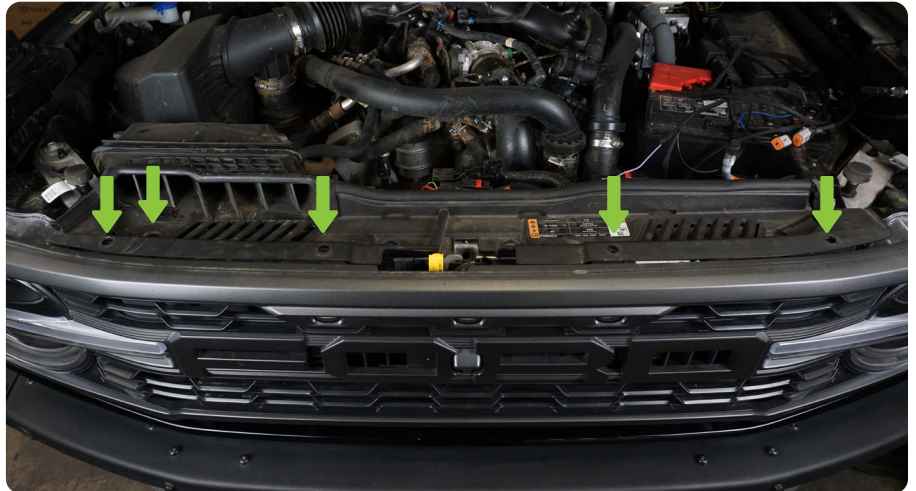
Begin by unpacking all items and inspecting for missing pieces or damage. If you have any concerns, please contact the company the product was purchased from. Extra hardware may be included with the product.

## HARDWARE INCLUDED

- (1) M10x25mm Allen Head Bolts
- (2) M10 Flat Washers
- (1) M10 Nylon Lock Nuts
- (4) M8x25mm Allen Head Bolts
- (8) M8 Flat washers
- (4) M8 Split Washers
- (4) M8 Nuts



**STEP 1** | (Installed on Bronco Raptor)  
Using a trim clip pry tool, remove the upper cowl.

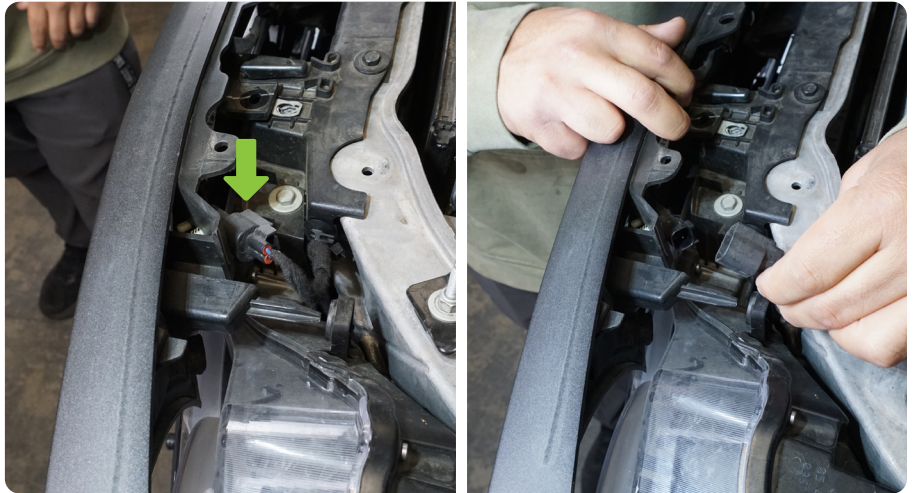


## INSTALLATION MANUAL

**STEP 2 |** Using a 10mm socket, remove the bolts along the top of the grille.



**STEP 3 |** (Bronco Raptor only) disconnect the grille light harness on the driver side.



**STEP 4 |** Disconnect the front camera and washer fluid hose on the passenger side.



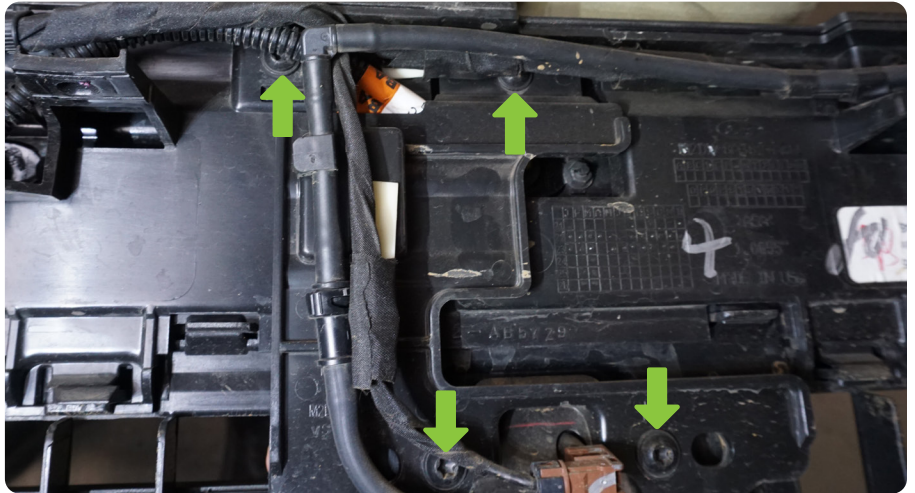
## INSTALLATION MANUAL

**STEP 5 |** With a firm grasp, pull the grille directly away from the vehicle. Start at the sides and work your way towards the center of the vehicle.



**STEP 6 |** Set the Grille on a covered work bench. Locate the (4) torx bolts that secure the front camera to the grille.

Using a T25 torx tool, remove the bolts that secure the front camera housing.



**STEP 7 |** With the camera and camera cover removed from the grille housing, disconnect the camera from the factory wiring harness.



# INSTALLATION MANUAL

**STEP 8 |** Secure the factory camera wiring harness to the grille using zip ties.

The factory camera wiring harness will not be reused.



**STEP 9 |** Separate the front camera washer fluid nozzle and check valve from the factory washer fluid 90 degree hose.



**STEP 10 |** Using a small section of the provided washer fluid hose. Reinstall the washer fluid nozzle and check valve as shown.



## INSTALLATION MANUAL

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**STEP 11** | Place the provided DV8 camera housing plate behind the camera as shown.

Using a #5 allen tool and 13mm socket with the provided M8 hardware, secure the camera to the DV8 camera housing.

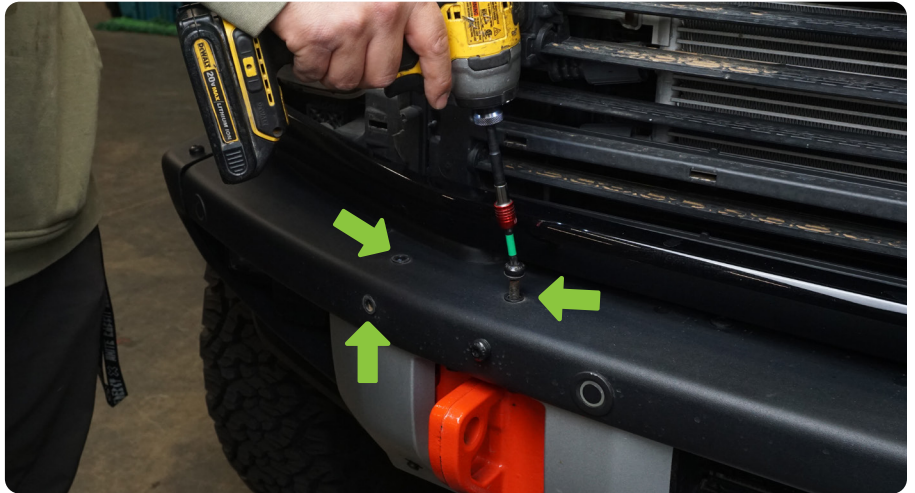


## INSTALLATION MANUAL

**STEP 12** | Connect the provided DV8 front camera wiring harness to the front camera as shown. Connect the rest of the provided fluid hose to the check valve.



**STEP 13** | Using a T45 torx tool, remove the factory bumper bolts above the factory recover hooks. (3 bolts per side)



**STEP 14** | Mount the DV8 push/light bar using the factory bumper bolt.





**STEP 15** | Using the provided M10 hardware loosely secure the front camera to the push/light bar center slotted hole.

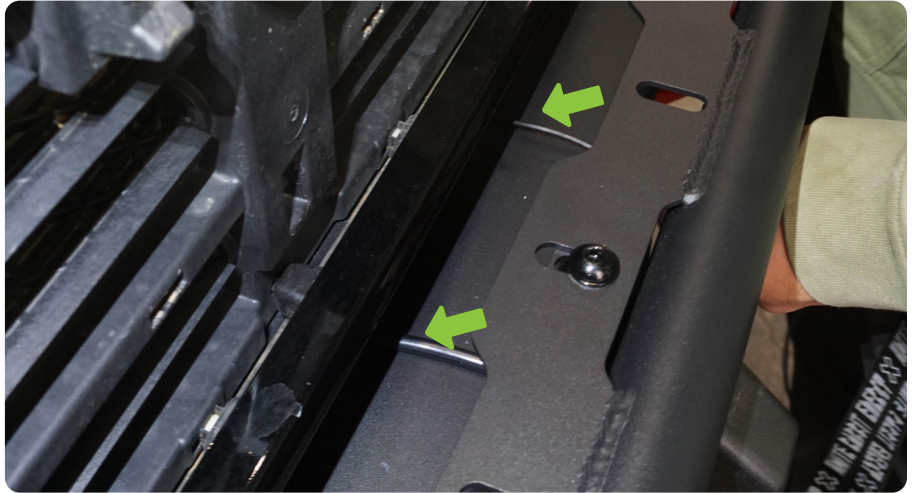
Secure the camera in place using a #6 allen tool and 17mm socket.



## INSTALLATION MANUAL

**STEP 16** | Route the washer fluid hose and front camera harness between the bumper and lower valance and between the inner cooler and radiator as shown.

NOTE: a fish-wire can be helpful to route the hose and harness between the inner cooler and radiator.



**STEP 17** | Connect the provided front camera harness to the factory harness under the hood/ above the headlight.

Secure any loose wiring harness with zip ties.



## INSTALLATION MANUAL

**STEP 18** | Remove the factory washer fluid hose connection using pliers.

Install the provided barbed hose connector into the factory washer fluid hose.



**STEP 19** | Cut the washer fluid hose coming from the front camera to length. Connect the provided hose to the factory washer hose.



## INSTALLATION MANUAL

**STEP 20 |** Reinstall the grille in reverse order it was removed. Ensure the grille light harness is reconnected. (Bronco Raptor only)



**STEP 21 |** Double check that all hardware is secure.

Congratulations, installation of the DV8 push/light bars now complete.

