

## FRONT MODULAR BUMPER

18+/20+ JEEP WRANGLER JL & GLADIATOR JT  
FBJL-13



### TOOLS REQUIRED

- 13mm, 17mm, 19mm Socket
- 13mm Wrench (2x), 17mm Wrench
- #4, #5, #6 Allen Bit
- T45 Torx tool
- Trim Clip Tool
- Preferred Cutting/Grinding tool
- Zip-ties
- Safety Glasses
- Cutters/Needle Nose Pliers

### SKILL LEVEL

- Novice/Intermediate
  - 2 persons
- Little skill level required, you can easily install it by yourself however, additional help is required for removal and installation of bumpers.

### TIME REQUIRED

- 4 Hours
- Time to install this should take about four 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 | *UNINSTALL OF FRONT BUMPER*

Using a push pin removal tool, remove the two push pins securing the plastic trim piece under the grille and behind the bumper.



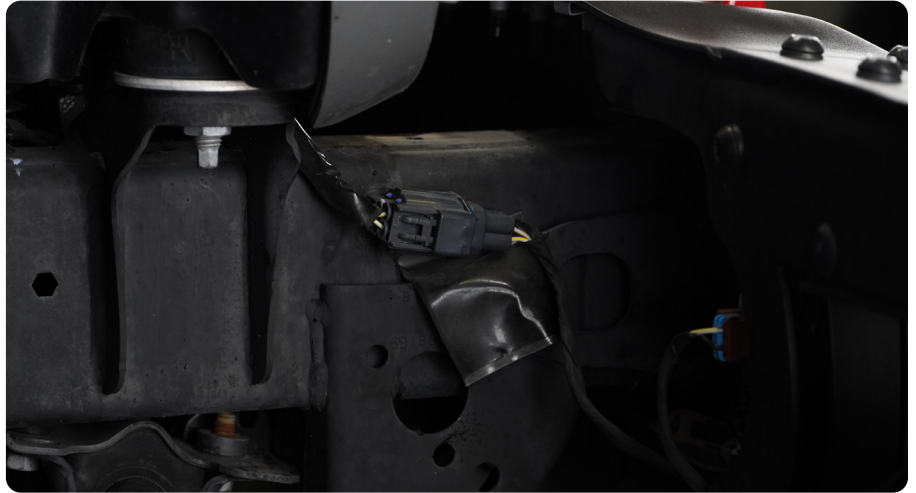
# INSTALLATION MANUAL

**STEP 2** | Using a 13mm socket, remove the seven bolts securing the skid plate to the vehicle, and set off to the side.



# INSTALLATION MANUAL

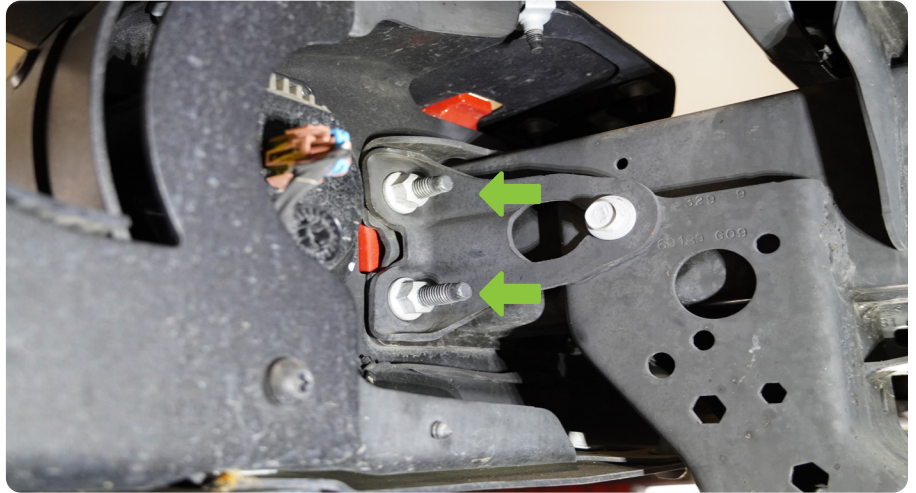
**STEP 3** | Disconnect the fog lights by unplugging the wiring connectors located on passenger frame rail directly behind the bumper.



## INSTALLATION MANUAL

**STEP 4** | Using a 19mm deep socket, remove the eight nuts securing the bumper, located directly behind it. Once all nuts are removed, pull bumper from the vehicle and set off to the side.

*Note: Once nuts are removed, bumper can become loose and fall. Ensure bumper is secure. Assistance is recommended to prevent injury and damage to the vehicle or product.*



**STEP 5** | At this point, frame rails should be visible and the vehicle should be as shown.



# INSTALLATION MANUAL

**STEP 6 |** (Optional) The FBJL-13 front bumper works with factory recovery hooks, if you would like utilize your factory front recovery hooks remove them at this time.

Using a T45 torx tool, remove the (5) top torx head bolts from the factory bumper on each side as shown.

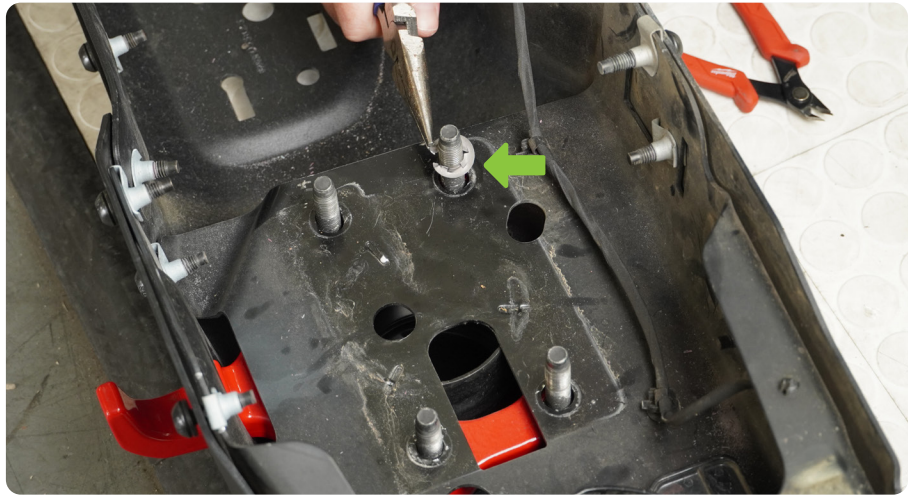


**STEP 7 |** Use a T45 torx tool to remove the (5) torx head bolts at the bottom of the bumper from each side.



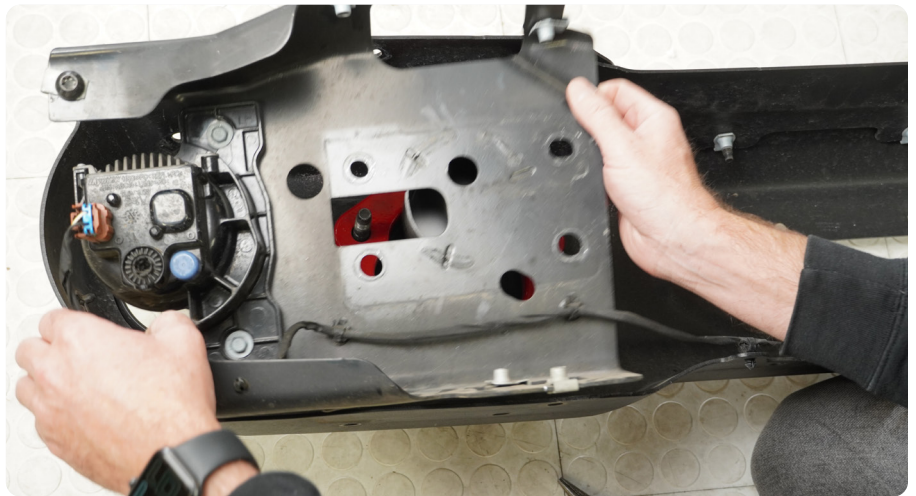
# INSTALLATION MANUAL

**STEP 8** | Use a pair of cutters/needle nose pliers to remove the bolt retaining clips.



**STEP 9** | With the (9) fog light housing bolts from each removed from the bumper lift the fog light/fog light housing out of the bumper to gain access to the factory recovery hooks.

Remove the factory recovery hooks and set them off to the side.



# 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 hardware kit.

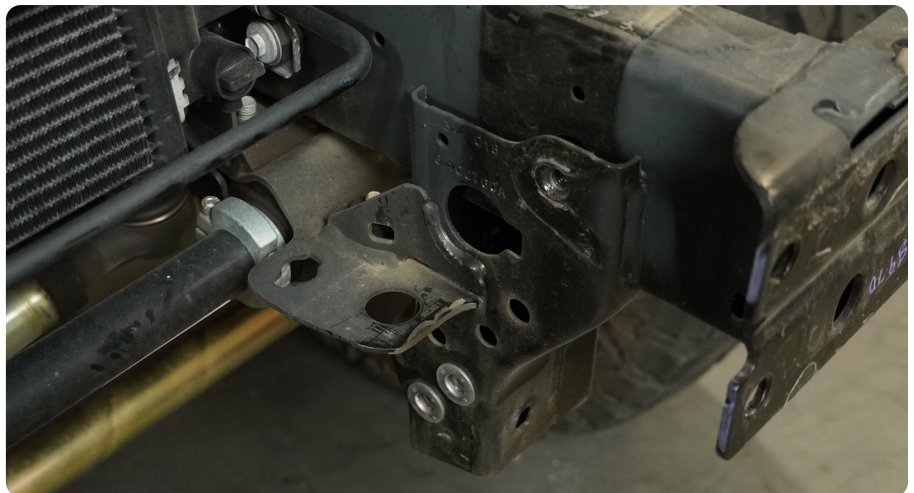
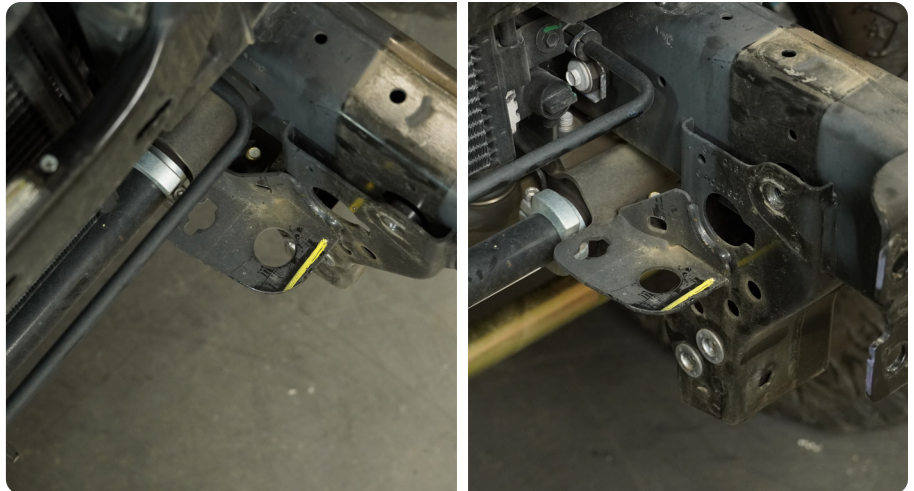
## HARDWARE INCLUDED

- |                              |                              |
|------------------------------|------------------------------|
| (6) M6x20 Allen Head Bolts   | (8) M10x25 Countersunk Bolts |
| (4) Mx14 Countersunk Bolts   | (8) M10x25 Allen Head Bolts  |
| (6) M6 Split Washers         | (8) M10 Nylon Lock Nuts      |
| (6) M6 Flat Washers          | (8) M10 Split Washers        |
| (13) M8x20 Countersunk Bolts | (10) M10 Enlarge Washers     |
| (8) M8 Nylon Lock Nuts       |                              |
| (8) M8 Flat Washers          |                              |



**STEP 10** | If running a winch trimming of the factory driver side inside frame rail bracket is required.

Use your preferred cutting/grinding tool to take off 1/4" of the inside frame rail bracket as shown.





# INSTALLATION MANUAL

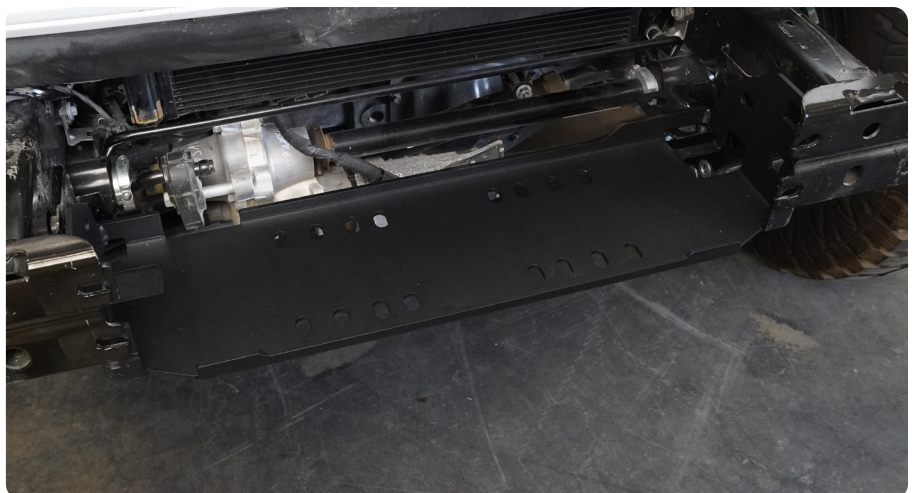
**STEP 11** | If you are planning to run the SPJL-02 skid plate we recommend installing the skid plate at this time.

*Tech Tip: If running a winch and SPJL-02 skid plate, only install the bottom (4) skid plate mounting bolts.*



**STEP 12** | If you are planning to run a winch, install the winch mounting plate at this time as shown, letting the winch plate rest on the inside frame rail brackets.

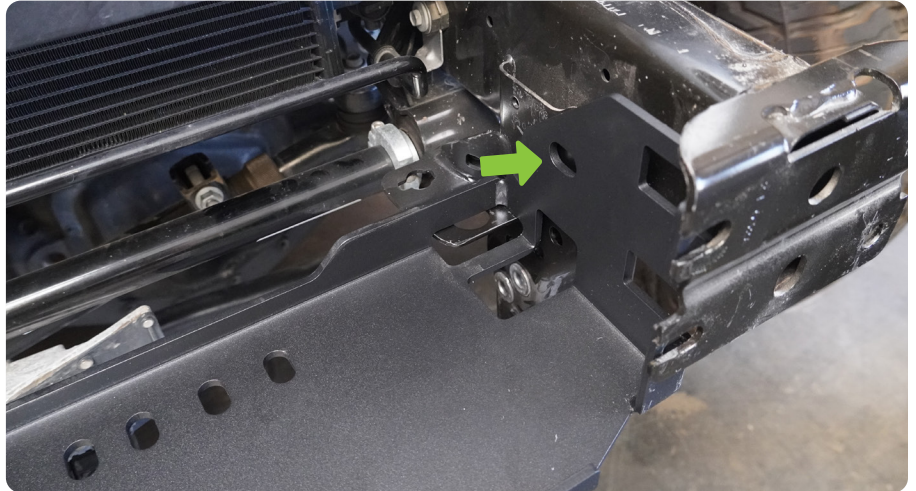
*Tech Tip: Due to the angle the winch plate is installed it is easier to install the winch after the winch plate is mounted.*



# INSTALLATION MANUAL

**STEP 13** | With the winch plate resting on the inside frame rail brackets, secure the winch plate to the frame rail using the factory hardware that was used to hold the factory braces.

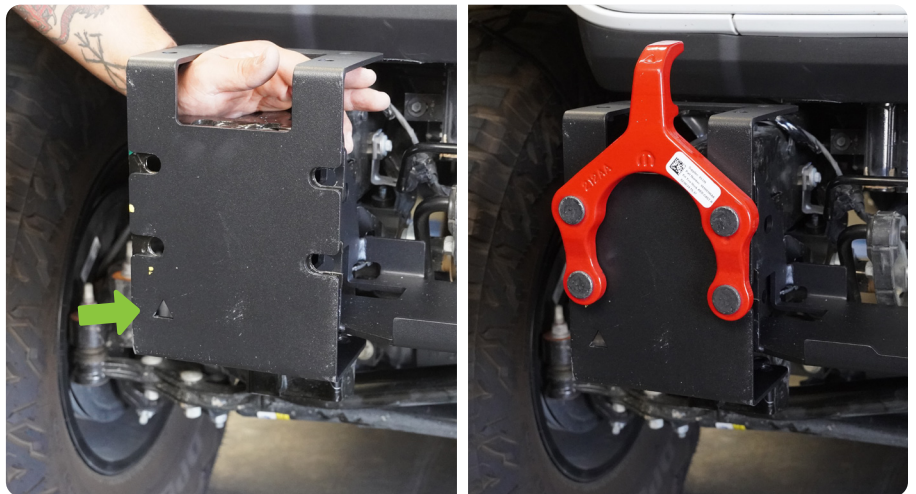
**Note:** If you are running the SPJL-02 skid plate, install it now since it will use the same mounting bolts.



**STEP 14** | If you choose to run your factory recover hooks install the recovery hooks with the DV8 bumper mounting bracket as shown.

Using the factory recovery hook hex nuts, secure the mounting bracket and recovery hooks in place using a 19mm socket.

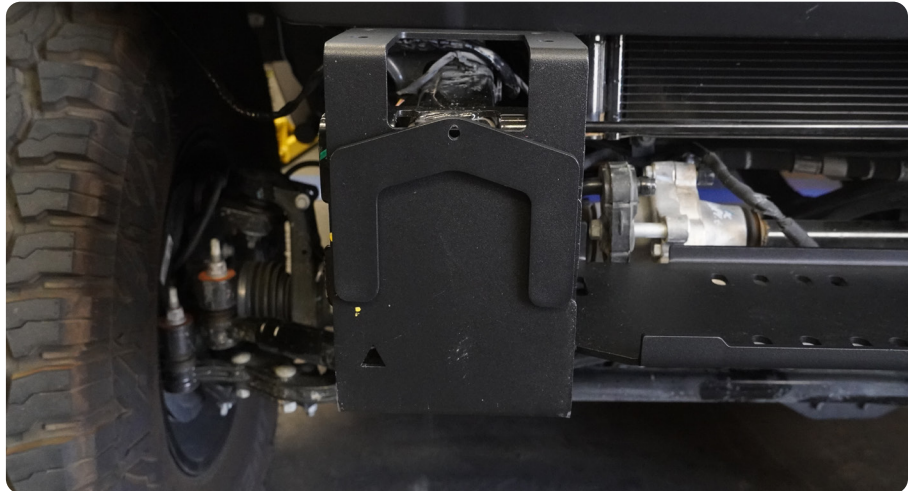
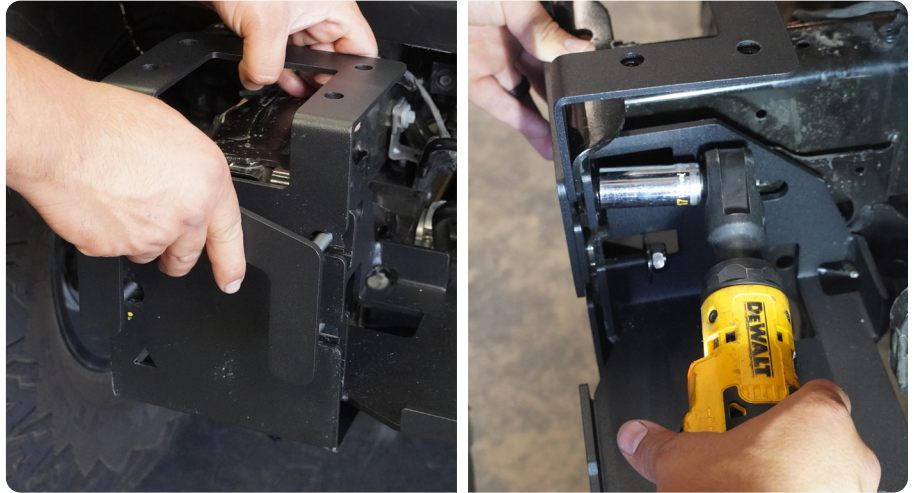
Ensure the triangle cut out on each bumper mounting bracket aligns with the out side of each frame rail.



# INSTALLATION MANUAL

**STEP 15** | If you do not wish to run your factory recovery hooks use the provided mounting stud plate and the provided M10 nylon lock nuts.

Use a 17mm socket to secure the mounting studs M10 nylon lock nuts.

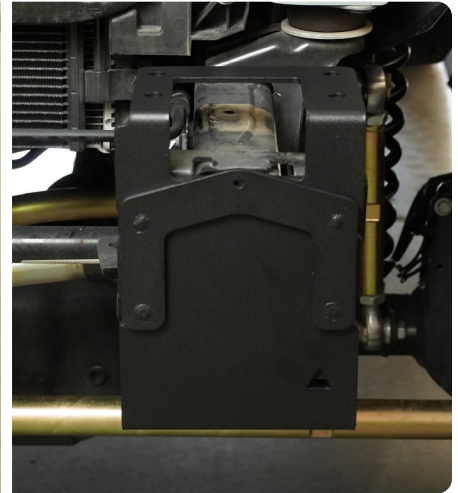
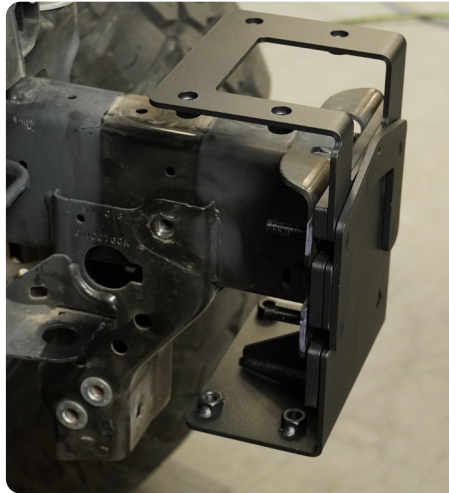


**STEP 16** | If you are running a winch with a larger housing such as a Badlands or Warn winch (will vary), use the provided spacer plates between the factory frame rail brackets and the DV8 bumper mounting brackets as shown.

For this install we will be using the provided spacer plates and the factory recovery hooks. If you do not wish to use factory recovery hooks use the provided stud plate.



# INSTALLATION MANUAL



**STEP 17** | If you are running a winch, mount your winch on to the winch plate using the hardware provided with the winch.

For this install we chose the DV8 offroad 12k winch with synthetic rope (part#WB12SR).

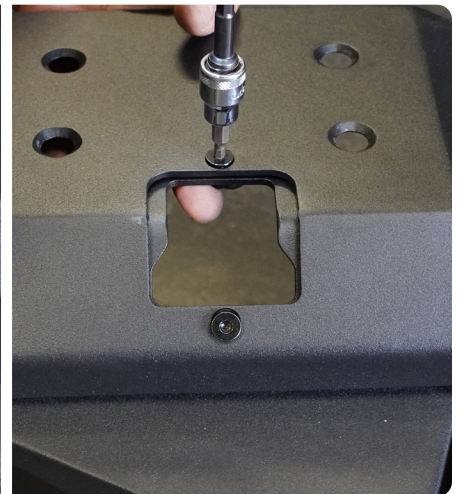


# INSTALLATION MANUAL

**STEP 18** | DV8 provided two options of cover plates, If running the factory recovery hooks install the cover plates with cut outs on to the bumper as shown.

Install the cover plates without cutouts if you do not plan to run factory recovery hooks.

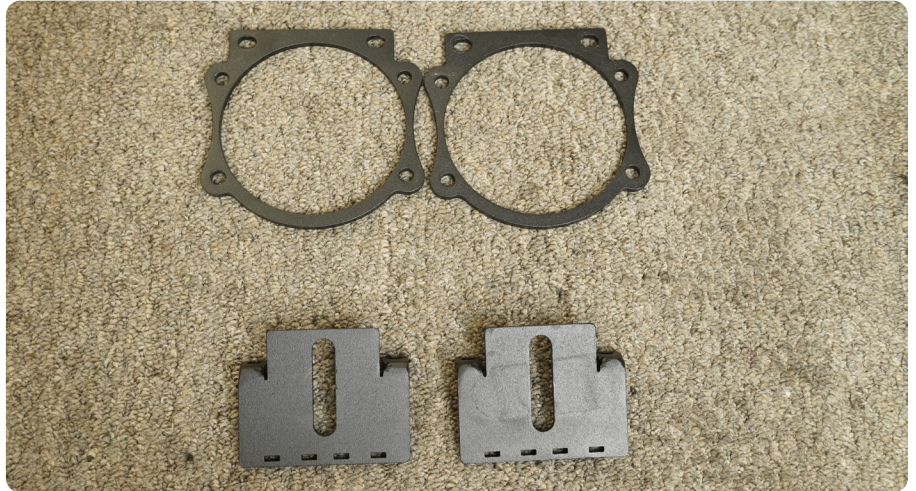
Use a #4 allen tool and the provided M6x14 countersunk head bolts to secure the cover plates in place.



# INSTALLATION MANUAL

**STEP 19** | The FBJL-13 front bumper is compatible with factory 4 bolt mounting style fog lights or with the DV8 JL LED fog lights (part # BCFLJL-01).

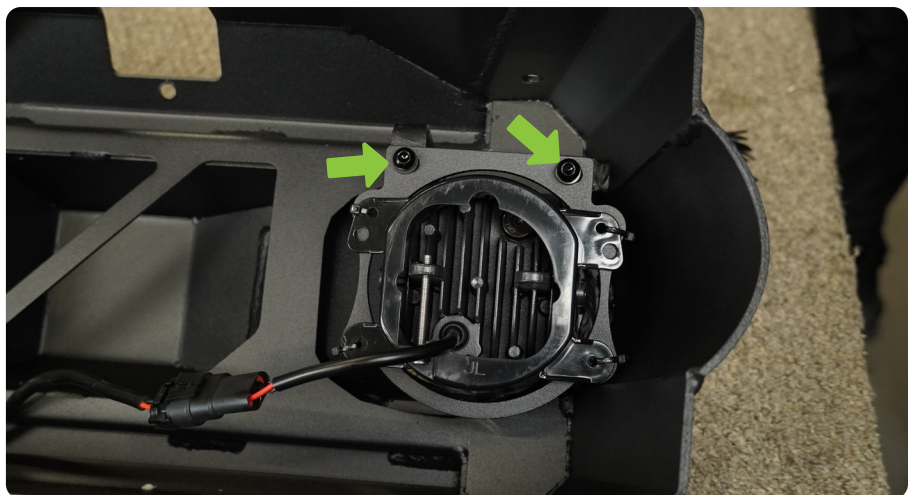
The FBJL-13 will also accept 3" LED pod lights using the provided square light bracket.



**STEP 20** | If running factory 4 bolt style fog lights, mount the fog light on to the provided round light bracket using zip-ties for hardware. Use flush cuts to cut the excess zip-tie.

Using a #4 allen head tool and the provided M6x20 allen button head bolts secure the fog light to the bumper. Use (1) M6 flat washer per M6 bolt.

For this install we chose to run the DV8 JL/JT LED fog lights (part# BCFLJL-01).



# INSTALLATION MANUAL

**STEP 21** | If planning to run 3" LED pod lights, mount the pod light to the provided square light bracket using the hardware provided with the LED light.

Using a #4 allen tool, mount the pod light and square light bracket to the bumper using the provided M6 allen head bolts. Use (1) M6 flat washer per M6 bolt.

Pod lights pictured are the DV8 Elite 3" LED pod lights (Part# BE3EW40W).



**STEP 22** | If you are running a winch, install the winch fairlead at this time using the hardware provided with the fairlead.

For this install we chose the DV8 Pocket fairlead for synthetic rope winches (part#WBPF-01).



**STEP 23** | If you are not running a winch, install the winch cover plate at this time.

Using a #5 allen head and the provided M8x20 countersunk allen head bolts, secure the cover plate to the bumper.





**STEP 24** | To install the bumper with the factory recovery hooks mounted, place the bumper over the recovery hooks at an angle as shown. Press the bumper down and over the factory recovery hooks until the bumper wraps fully around the bumper mounting brackets.

*Tech Tip: Wrapping the recovery hooks with rags or painters tape will help prevent damage to the recovery hooks paint finish.*





# INSTALLATION MANUAL

**STEP 25** | Align the bumper with the bumper mounting brackets threaded holes.

Use the provided M10x25 countersunk allen head bolts and a #6 allen tool to secure the top of the bumper to the bumper mounting bracket.

*Tech Tip: Get all (8) M10 bolt loosely started before tightening to allow for easy alignment.*



**STEP 26** | If you are not running the factory recovery hooks, place the bumper straight onto the bumper mounting brackets and secure the bumper.



## INSTALLATION MANUAL

**STEP 27** | If you wish to run the optional bull bar, do not install the (4) top/inner M10x25 countersunk bumper mounting bolts.

To run the optional bull-bar, place the bull bar onto the bumper, use (4) of the M10x25 countersunk allen head bolts and a #6 allen tool to secure the bull bar to the bumper.



**STEP 28** | Secure the bottom of the bumper to the bumper brackets using the provided M10x25 allen button head bolts and a #6 allen tool.



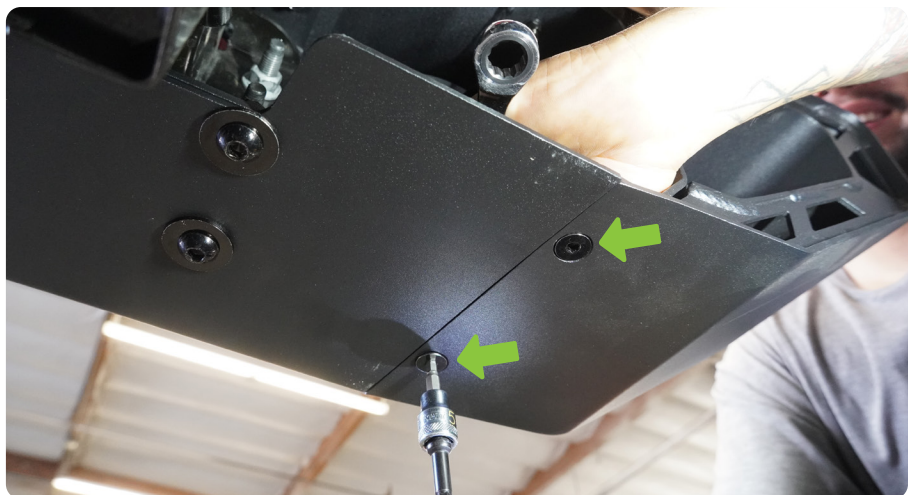
## INSTALLATION MANUAL

**STEP 29** | If planning to run the optional bumper wings, remove the rubber plugs that cover the wing bolt holes from each side.



**STEP 30** | Use the provide M8x25 counter sunk allen head bolts and M8 nylon lock nuts to loosely secure the bumper wings to the bumper.

Align the wing with the bumper before using a #5 allen tool and a 13mm socket/wrench to secure the wings in place.



# INSTALLATION MANUAL

**STEP 31** | If you wish to run a light bar on the optional bull bar the bull bar will accept up to a 20" LED light bar or (2) round lights using the provided bull bar light brackets.

Mount the bull bar light brackets to the bull bar as shown using the provided M6 allen head bolts and a #4 allen tool.

*Note: These light brackets can be mounted facing up or facing down depending on how you would like to run your light bar/ LED lights.*



**STEP 32** | If you are mounting a DV8 Elite LED light bar you will need use the DV8 elite series light bar mounts (part# BESLDBKTSM) as shown.





**STEP 33** | Double check that all hardware is secured.

Congratulations, installation of the DVB8 FBXL-13 is now complete.

