



# TRAIL FORCE HD FRONT BUMPER WITH LED LIGHTS

(2020-2022+ GLADIATOR JT)

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## INSTALLATION INSTRUCTIONS

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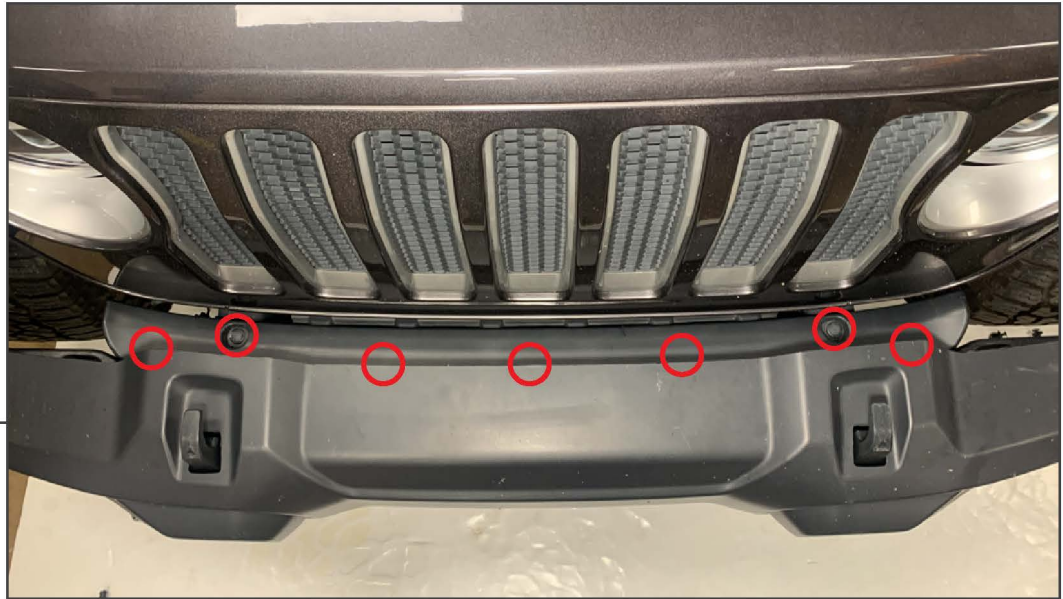
- (1) Front Bumper
- (2) 3/4" D-Rings
- (2) Rectangle LED Lights w/ Brackets and Bezels
- (2) Circle LED Lights Lights w/ Brackets and Bezels
- (2) Fog Light Adapter Harnesses
- (1) LED Lighting Harness
- (4) M12 x 1.75 Stud Plates
- (4) M12 x 1.75 Hex Bolts
- (4) M12 x 1.75 Nuts
- (8) M12 Flat Washers
- (8) M12 Lock Washers
- (34) M6 Allen Bolts
- (34) M6 Lock Nuts
- (1) 4mm Allen Wrench

### TOOLS REQUIRED

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- 7mm, 8mm, 16mm, 18mm Sockets
- Ratchet
- 4mm Allen Key
- Panel Removal Tool
- Phillips Screwdriver

SKU # JG19732  
Edited: 09/13/2022



**STEP 1**

Remove (7) plastic push clips from the upper bumper cover.



**STEP 2**

Unplug the fog lights from the electrical connector located on the RH side of the vehicle.

## STEP 3



Remove (6) plastic push clips from the bumper end cap cover. Repeat this procedure to the opposite side of the vehicle.

**Note:** Depending on vehicle trim level, end cap cover may be secured with 7mm screws.

## STEP 4



From under the vehicle, remove (7) plastic push clips from the splash shield. Remove (2) 8mm bolts from the rear of the splash shield. Remove the splash shield and the end cap covers from the vehicle.





## STEP 5

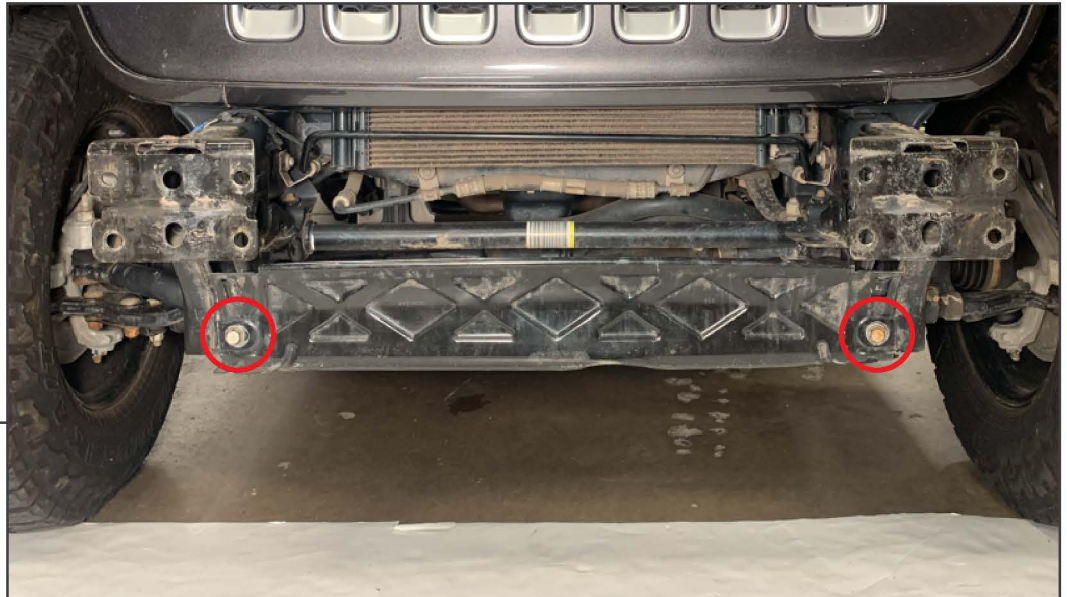
From behind the bumper, remove (8) 18mm nuts to release the bumper. Once all hardware is removed, pull the bumper away from the vehicle.



## STEP 6

Remove the frame rail bracket from each side of the frame rail by removing (1) 16mm bolt per bracket.

Repeat this procedure for the opposite side frame rail brackets.



## STEP 7

Remove (2) 16mm bolts from the lower metal shield, then lift upwards to unhook the shield from the vehicle.



## STEP 8

Place bumper on a soft surface for assembly. Place the nut/bolt plates behind the bumper mounting pad. This will allow for minor adjustment side to side. Secure the studs into place using the (2) plastic stud holders.

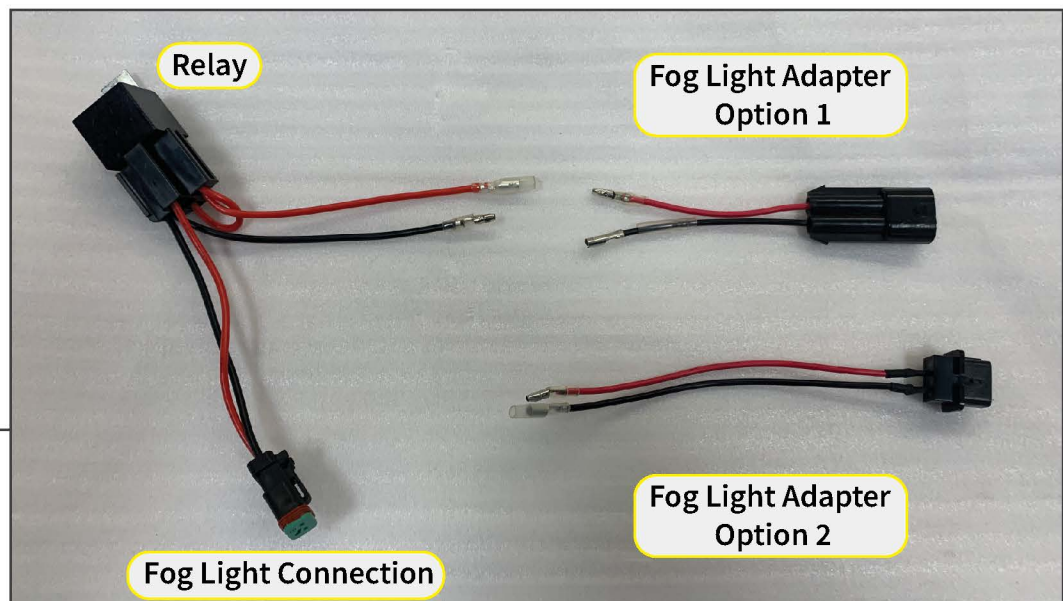


## STEP 9



Using (34) M6 Allen bolts and (34) M6 lock nuts, secure the (4) LED lighting to the vehicle bumper. With all of the lights mounted, plug in the wiring harnesses.

## STEP 10



Selecting the fog light plug adapter that is correct for your vehicle. Attach the adapter to the factory wiring harness. Then, plug the red wire to the red wire and the black wire to the black wire on the relay. Then, connect the relay to the fog lights. The bumper lights will now work with your factory fog light switch. Wire the LED lighting harness to the vehicle using the following diagram:

Red to 12V+  
Black to Ground



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## STEP 11

With assistance, lift the bumper to the vehicle and align the stud plates to the bumper mounting holes in the frame rail. Secure the bumper using (4) M12 nuts, (4) M12 hex bolts, (8) M12 flat washers, and (8) M12 lock washers.

With the bumper secure, install the (2) 3/4" D-Rings to the bumper mounting points. Plug in the LED lighting harness to the vehicle fog light harness. Installation is now complete.