



TRAIL FORCE HD FRONT BUMPER WITH LED LIGHTS

(2007-2018 WRANGLER JK)
(2018-2025+ WRANGLER JL)
(2020-2025+ GLADIATOR JT)

INSTALLATION INSTRUCTIONS

CONTENTS

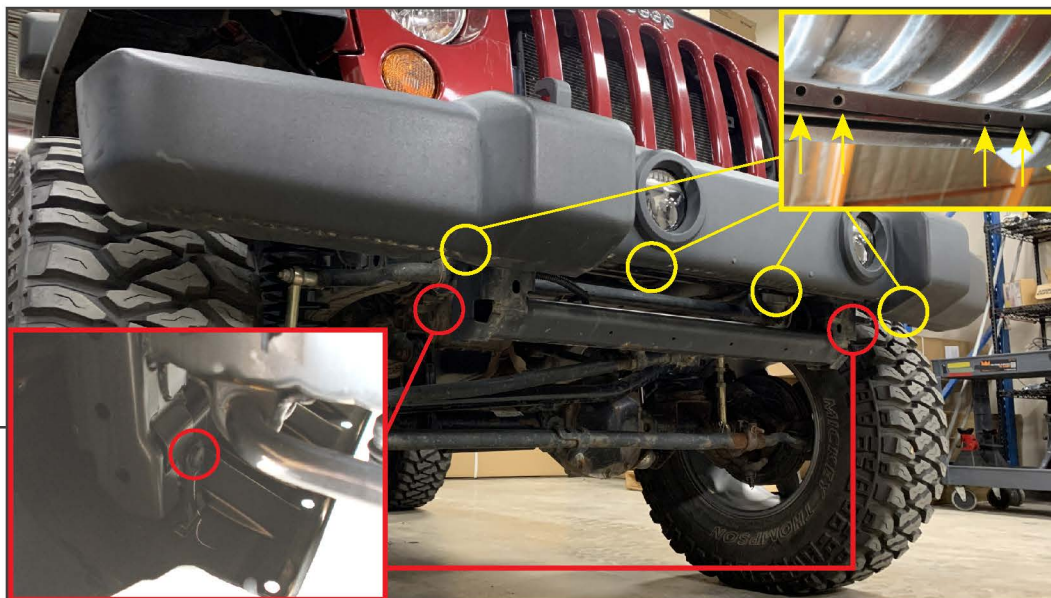
- (1) Front Bumper
- (2) 3/4" D-Rings
- (2) Circular LED Lights w/ Trim Covers
- (2) Rectangular LED Lights w/ Trim Covers
- (2) Circular LED Light Brackets
- (4) Rectangular LED Light Brackets
- (6) LED Light Bracket Phillips Bolts
- (2) Wiring Harnesses w/ Relay
- (2) 2007-2010 Fog Light Adapters
- (2) 2011-2018 Fog Light Adapters
- (4) M12 Stud Plates
- (4) M12 Bolts
- (8) M12 Lock Washers
- (8) M12 Flat Washers
- (34) M6 Allen Bolts
- (34) M6 Allen Lock Nuts
- (1) Allen Key

TOOLS REQUIRED

10mm, 18mm, 19mm Sockets
Ratchet
Phillips Screwdriver
Panel Removal Tool

SKU # J239996

STEP 1
(07-18 JK)



Under the front bumper, remove (6) plastic push clips from the lower splash shield, and remove the splash shield from the vehicle.

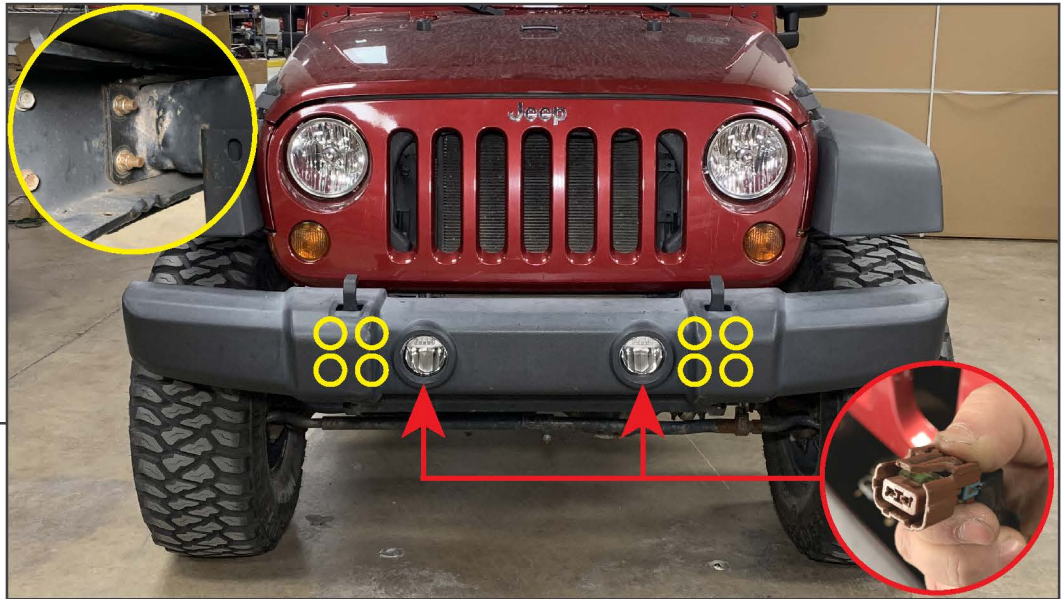
The splash shield will not be reused.

STEP 2
(07-18 JK)



Remove (2) plastic push clips from the upper splash shield. Slide the splash shield to the side to access the inner bumper hardware.

STEP 3
(07-18 JK)



Remove (8) 18mm nuts from the back-side of the bumper assembly. With the bumper unbolted, pull the bumper out slightly to unplug the (2) fog light wiring harnesses by pressing the connector while pulling the harness away.

Remove the upper splash shield from the vehicle. The upper splash shield will not be reused.

STEP 4
(07-18 JK)



Remove the bumper assembly from the vehicle.



STEP 1
(18+ JL / JT)

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

Note: The upper bumper cover will not be reused.



STEP 2
(18+ JL / JT)

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

STEP 3
(18+ JL / JT)



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
(18+ JL / JT)



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
(18+ JL / JT)

Remove (8) 18mm nuts from the back-side of the bumper assembly. Remove the bumper assembly from the vehicle.

Place the bumper on a soft surface for disassembly.



STEP 6
(18+ JL / JT)

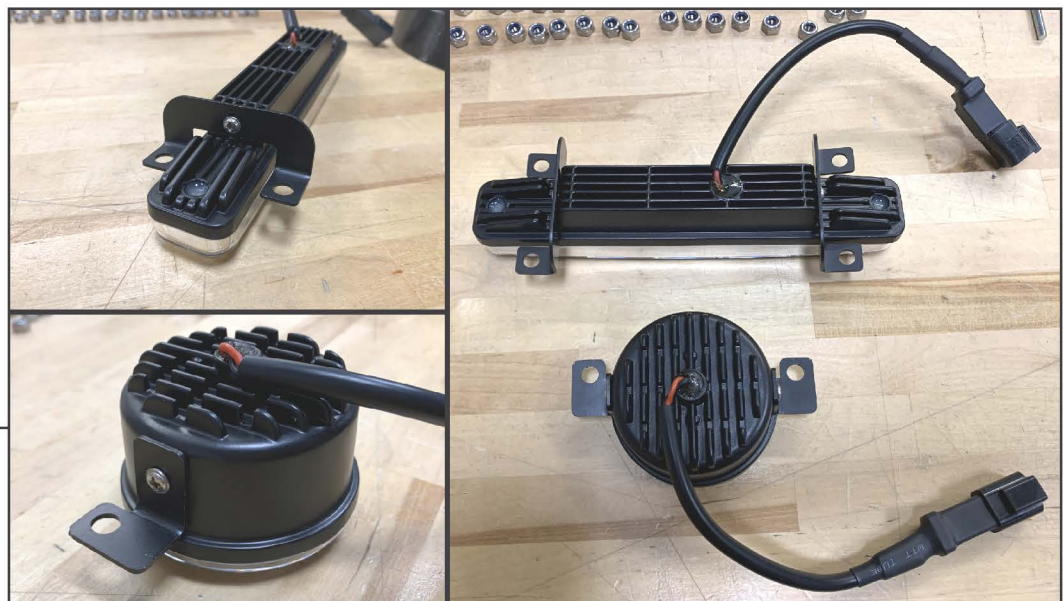
Around the perimeter of the bumper, remove (24) 7mm screws to separate the bumper inner trim. Separate the middle steel bumper brace by removing (8) 13mm nuts. Then, use a panel removal tool to dislodge the fog light wiring harness from the mounting position. The fog light harness will be reused during assembly.

STEP 7



Identify the LED lighting mounting brackets and mounting hardware.

STEP 8



Using (2) Phillips head bolts, secure the lighting mounting brackets to each LED light. Tighten each bracket until secure.

Note: The brackets are directional, see above for proper installation direction.

STEP 9



Fit each LED light into the bumper assembly. While holding the front trim panel in line with the bolt holes, fit (2) M6 Allen bolts through the trim panel, bumper, and LED light brackets. Loosely secure using (2) M6 lock nuts.

STEP 10



Fit the remaining (26) M6 bolts and M6 lock nuts through the trim and bumper. Tighten all hardware until the trim panel and LED lights are secure.

STEP 11



Fit (2) M12 stud plates behind the bumper mounting pad on each side of the bumper. The studs will fit through the vehicle frame rails.

Note: To aid installation, place a piece of tape behind the stud plate to the bumper to ensure the stud plate does not fall out during installation.

STEP 12



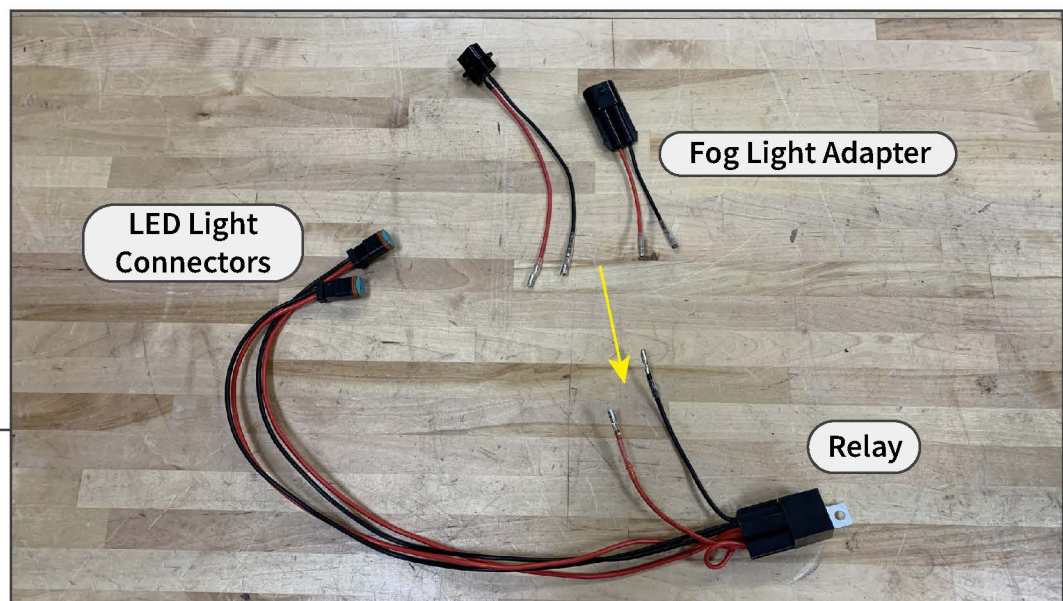
With assistance, lift the new bumper to the vehicle frame rails. Using the provided M12 bolts, lock washers, flat washers, and nuts, secure the new bumper to the vehicle frame rails. Tighten all hardware evenly until the bumper is fully secured.

STEP 13



Depending on the vehicle model year, select the designated fog light adapter harnesses.

STEP 14



Plug the main LED light wiring harness into each LED light, then mount the relay to a secure point on the vehicle. Plug the fog light adapter into the main harness, and then plug the adapter into the vehicle fog light wiring harness. The LED lights will power on with the interior fog light switch. **Ensure the adapter wiring color matches the main wiring harness when plugged in to ensure proper functionality.

Repeat this procedure for the remaining fog light harness.

STEP 15



Neatly route the wiring harnesses away from any hot/moving components using cable ties. Install the (2) 3/4" D-Rings into the bumper mounting points, if desired.

2018+ JL: Plug the fog light harness into the vehicle fog light connector.

STEP 16



Installation is now complete.