



18+ JEEP WRANGLER JL/JLU

REAR BUMPER INSTALLATION INSTRUCTIONS

JLRBX1A, JLRBX2A, JLRBSSX1A, JLRBSSX2A

Thanks for purchasing a Reaper Off-Road bumper for your 18+ Jeep Wrangler JL. Our team has worked to ensure that this product is the premium in performance, quality, and fitment. We are proud to say that this product will enhance the look and off-road performance of your vehicle. We encourage you to read through the following steps, and check the included Bill of Materials before beginning. Please follow these steps to ensure that your installation goes as planned.

Our products are specifically designed with ease of installation in mind. However, if you are uncomfortable with the following instructions please seek professional assistance. Reaper Off-Road will not be held liable for harm or injury to yourself or your vehicle during installation or use of this product.

Recommended Tool List

- Metric socket set
- Inch socket set
- Ratchet
- Breaker bar or long handle ratchet
- Blanket or towel





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V04 - 10.05.23



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DISASSEMBLY

Steps may vary depending on trim level and optional equipment.

1. Starting at the middle of the rear bumper, use a 10mm socket to remove (2) screws along the underside that hold the bumper to metal brackets (if equipped).
2. Unplug the license plate light harness at the driver side. You may need to use a screwdriver to unlock the plug.
3. Remove the S-shaped bracket at either end by removing (4) 16mm bolts - (2) to the bumper and (2) to the frame. Repeat for other side.
4. Use a 16mm deep socket to remove (2) nuts at each side holding the L-brackets to the bumper. The bumper will now be loose from the vehicle.
5. Remove the factory bumper from the vehicle. If you have a spare tire you may need to open the rear gate to remove the bumper.
6. Use a 21mm socket to remove (4) bolts from the tow hook and L-bracket at the driver side.
7. Use a 21mm socket to remove (2) bolts from the L-bracket from the frame at the passenger side.
8. Remove the bracket from the center of the frame, if equipped. If you have a hitch receiver you can leave that installed.

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Detail 1: Remove screws under center of bumper



Detail 3: Remove the S-shaped bracket



Detail 4: Remove the (2) nuts from each side

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ASSEMBLY

9. If you would like to customize the color of your accent plates, it should be done before installation.
10. Install the accent plates behind the Reaper logos using the provided 1/4" nuts (E) and a 7/16" socket.
11. If you purchased a bumper with the fog light option, install the fog light brackets loosely using the provided 1/4" nuts (E) and a 7/16" socket. Install your LED pods onto the brackets (pods and hardware not included). Position lights as needed and tighten all hardware.
12. Install the license plate bracket onto the bumper using the provided hardware (A,C,E). This is easier to do before the bumper is on the vehicle, but it can be done after install as well. This bracket is not needed if you have relocated the rear license plate.
13. Install the bumper onto the frame rails of the vehicle. It will help to have a friend help with holding the bumper while you align the mounting holes to the frame.
14. Install (2) washers (D) and (2) bolts (B) per side. Use a 22mm socket to secure.

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Detail 10: Middle accent plate installed



Completed install

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