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**Nixon Offroad NJL01A101-BX**

# NIXON OFFROAD Heavy Duty Front Bumper Installation Manual

Model: NJL01A101-BX
Compatible with 2018-2023 Jeep Wrangler JL/JLU & 2019-2023 Jeep Gladiator JT

## 1. Introduction

This manual provides detailed instructions for the proper installation of your NIXON OFFROAD Heavy Duty Front Bumper. Please read all instructions carefully before beginning the installation process. Ensure all components are present and that you have the necessary tools.

## 2. Package Contents

Verify that all items listed below are included in your package:

- 1 x NIXON OFFROAD Heavy Duty Front Bumper
- 2 x D-Ring Shackles
- All necessary Mounting Hardware (bolts, nuts, washers)

## 3. Compatibility

This NIXON OFFROAD Front Bumper (Model NJL01A101-BX) is designed for direct bolt-on installation on the following vehicles:

- 2018-2023 Jeep Wrangler JL 2-Door & 4-Door
- 2019-2023 Jeep Gladiator JT

## 4. Safety Information

Always prioritize safety during installation. It is recommended to have assistance when handling heavy components like the bumper. Wear appropriate personal protective equipment (PPE), including gloves and eye protection. Ensure the

vehicle is securely supported on a level surface using jack stands before working underneath it.

## 5. Tools Required

While specific tool sizes may vary, the following general tools will be needed:

- Socket Wrench Set
- Open-end Wrench Set
- Screwdrivers (Phillips and Flathead)
- Pry Tool (for plastic clips)
- Power Tool (optional, for faster screw removal)
- Torque Wrench (for final tightening)
- Gloves and Eye Protection

## 6. Installation Instructions

The installation process typically takes approximately one hour. Take your time to ensure proper fitment and secure all fasteners.

### 6.1. Preparing the Bumper

1. **Attach Bumper Extensions:** Secure the bumper extensions to the main bumper body. There are four bolts on each side. If installing the optional bull bar, there will be an additional four bolts. Tighten all bolts as you work.
2. **Install Carriage Bolts:** Prepare the bumper for vehicle attachment by securing eight carriage bolts (four on each side) to the designated mounting points. Use the provided push-lock washers to hold the screws in place until fully secured. Ensure the bolts are flush with the bracket.

### 6.2. Preparing the Vehicle

3. **Remove Main Plastic Underguard:** Locate and remove the main plastic underguard piece from the front underside of the Jeep. This piece is secured by eight clips in the front and two screws in the back. Removing this piece will provide easier access to the main bumper bolts.
4. **Loosen Top Plastic Trim:** Loosen the small plastic trim piece located at the top of the factory bumper. This trim is held by six clips and two screws.
5. **Remove Protective Plastic Pieces:** Remove any small protective plastic pieces from the fog light areas underneath the bumper. These are typically secured by seven long screws. A power tool can expedite this process.
6. **Remove Factory Bumper:** Remove the eight nuts (four on each side) that secure the factory bumper to the vehicle's frame. Carefully detach and remove the factory bumper.
7. **Detach Fog Light Connectors:** Before installing the new bumper, ensure the front fog light's main electrical connectors are detached from the vehicle's wiring harness.

### 6.3. Mounting the New Bumper

8. **Position New Bumper:** With assistance, carefully lift and position the NIXON OFFROAD Front Bumper onto the vehicle's frame. Align the bumper's mounting points with the vehicle's frame holes.
9. **Secure Bumper:** Attach the last eight carriage bolts (four on each side) to secure the new bumper. Tighten all nuts on the back of the bumper to the manufacturer's specifications.

### 6.4. Finalizing Installation

10. **Install OEM Fog Lights:** The bumper includes provisions for your OEM fog lights. Use the provided brackets to install your factory fog lights into the designated openings on the new bumper.

### 6.5. Installation Video Guide

For a visual guide on the installation process, please refer to the official NIXON OFFROAD installation video below:

Your browser does not support the video tag. Please update your browser to view this content.

*Official installation video for the NIXON OFFROAD Front Bumper on Jeep Wrangler JL and Gladiator JT models.*

## 7. Maintenance

To ensure the longevity and appearance of your NIXON OFFROAD Heavy Duty Front Bumper, regular maintenance is recommended:

- **Cleaning:** Wash the bumper regularly with mild soap and water to remove dirt, mud, and road grime. Avoid abrasive cleaners or harsh chemicals that could damage the powder-coated finish.
- **Inspection:** Periodically inspect all mounting hardware for tightness. Re-tighten any loose bolts or nuts to prevent rattling or damage.
- **Finish Protection:** The bumper features a durable powder-coated steel finish. Minor scratches can be touched up with appropriate paint to prevent rust.

## 8. Troubleshooting

If you encounter any issues during or after installation, consider the following common troubleshooting steps:

- **Bumper Not Fitting Correctly:** Double-check that the bumper is aligned properly with the vehicle's frame. Ensure no debris or obstructions are preventing a flush fit. Verify that all factory components that needed to be removed have been.
- **Loose or Rattling Bumper:** Re-check all mounting bolts and nuts to ensure they are securely tightened.
- **Fog Lights Not Working:** Confirm that the fog light electrical connectors are properly reattached and seated. Check the vehicle's fuse box for any blown fuses related to the fog lights.

If problems persist, contact NIXON OFFROAD customer support for further assistance.

## 9. Specifications

| Feature | Specification |
|---|---|
| Brand | Nixon Offroad |
| Model Number | NJL01A101-BX |
| Material | Alloy Steel |
| Color | Black |
| Item Weight | 113 Pounds |
| Product Dimensions | 13.7"D x 70.2"W x 22.5"H |

| | |
|---|---|
| Winch Plate Capacity | Up to 12,000 lbs |
| Finish | Powder Coated Steel, Rust Proof |
| Fog Light Compatibility | Pre-machined attachment points for OEM size fog light assembly |

## 10. Warranty and Support

NIXON OFFROAD provides a Manufacturer 1-year limited Warranty for this product. For any questions, concerns, or warranty claims, please contact NIXON OFFROAD customer service directly.
You can visit the Nixon Offroad Store on Amazon for more information or to contact support.

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