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Nixon Offroad ND-NJT01A101-BX

NIXON OFFROAD Front Bumper Assembly Instruction Manual

Model: ND-NJT01A101-BX

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your NIXON OFFROAD Front Bumper Assembly. This heavy-duty front bumper is designed for enhanced off-road performance and vehicle protection.

Compatibility: This front bumper is compatible with:

- 2018-2026 Jeep Wrangler JL (2-door and 4-door models)
- 2019-2026 Jeep Gladiator JT

Please read these instructions thoroughly before beginning installation to ensure proper fitment and safe operation.

2. Safety Information

Always prioritize safety during installation and use. Failure to follow safety guidelines may result in injury or damage to property.

- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Disconnect the vehicle's battery before beginning any electrical work.
- Do not attempt installation if you are unsure of any steps. Consult a qualified professional.
- Keep all fasteners tightened to specifications. Regularly check for loose hardware.
- This bumper is heavy. Seek assistance when lifting or positioning the bumper to prevent injury.

3. Package Contents

Verify that all components listed below are present and undamaged before proceeding with installation.

- NIXON OFFROAD Front Bumper Assembly
- Installation Hardware Kit (bolts, washers, nuts, wiring for fog lights if applicable)



Figure 3.1: Included installation hardware kit. Contents may vary slightly.

4. Setup and Installation

This bumper is designed for a direct bolt-on installation using factory mounting points. No drilling or cutting is typically required. Professional installation is recommended.

4.1. Preparation

1. Park the vehicle on a flat, stable surface and engage the parking brake.
2. Disconnect the negative terminal of the vehicle's battery.
3. Remove the factory front bumper according to your vehicle's service manual. This typically involves removing several bolts and disconnecting any fog light wiring.
4. Carefully unpackage the NIXON OFFROAD Front Bumper Assembly and inspect for any shipping damage.

4.2. Bumper Installation

1. With assistance, carefully lift the NIXON OFFROAD Front Bumper Assembly and align it with the vehicle's frame mounting points.
2. Insert the provided bolts through the bumper and frame, securing them with washers and nuts. Do not fully tighten at this stage.



Figure 4.1: Front bumper assembly partially installed on a Jeep.

3. If your vehicle has OEM fog lights, relocate them into the pre-machined attachment points on the new bumper. Ensure a flush and secure fit. Connect any necessary wiring.



Figure 4.2: Close-up view of the integrated fog light housing.

4. Once the bumper is aligned and all bolts are in place, gradually tighten all fasteners to the manufacturer's recommended torque specifications (refer to your vehicle's service manual for frame bolt torque specs).
5. Reconnect the vehicle's battery.



Figure 4.3: Side profile of the installed front bumper.

5. Operation and Features

Your NIXON OFFROAD Front Bumper Assembly is designed with several features to enhance your off-road experience:

- **Winch Plate:** The integrated winch plate is capable of supporting a 12,000 lb. winch. Ensure proper installation of any winch according to its manufacturer's instructions.
- **D-Ring Mounts:** Heavy-duty D-ring mounts are welded both inside and out for increased strength, providing secure recovery points. D-rings are not included with this bumper.
- **Fog Light Housing:** Designed to accommodate OEM fog lights, allowing you to maintain factory lighting functionality and widen your field of vision during off-road driving.

6. Maintenance

To ensure the longevity and appearance of your NIXON OFFROAD Front Bumper, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the bumper 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-torque any loose bolts to prevent rattling or structural issues.
- **Damage:** Inspect the bumper for any signs of damage, such as dents, scratches, or rust. Address minor scratches with appropriate touch-up paint to prevent corrosion.
- **Winch and D-Rings:** If a winch or D-rings are installed, follow their respective manufacturer's maintenance

instructions.

7. Troubleshooting

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

- **Fitment Issues:** Double-check that the bumper is correctly aligned with the vehicle's frame mounting points. Ensure no obstructions are preventing proper seating.
- **Loose or Rattling Bumper:** Verify that all mounting bolts are securely tightened to the recommended torque specifications.
- **Fog Lights Not Working:** Check all electrical connections for the fog lights. Ensure the vehicle's battery is properly reconnected and fuses are intact.
- **Missing Hardware:** Refer to the package contents list. If any hardware is missing, contact NIXON OFFROAD customer support.

8. Specifications

Feature	Detail
Brand	Nixon Offroad
Model Number	ND-NJT01A101-BX
UPC	735209795708
Vehicle Compatibility	2018-2026 Jeep Wrangler JL, 2019-2026 Jeep Gladiator JT
Material	5/32" Cold Rolled Solid Steel
Finish	Textured Black Powder-Coated
Item Weight	Approximately 89.42 lbs (40.56 kg)
Winch Plate Capacity	Up to 12,000 lbs
Installation Type	Direct Bolt-on

9. Warranty and Support

NIXON OFFROAD provides the following warranty and support for this product:

- **Warranty:** This product is covered by a 12-month warranty from the date of purchase.
- **Returns:** A 30-day refund policy is available from the date of purchase.
- **Customer Support:** For technical assistance, warranty claims, or missing parts, please contact NIXON OFFROAD customer service through the retailer where the product was purchased or visit the official NIXON OFFROAD website.

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