Nixon Offroad 205A-01-NSL01B102-BX

Nixon Offroad Rear Bumper Instruction Manual

Model: 205A-01-NSL01B102-BX (Style B)

Brand: Nixon Offroad

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Nixon Offroad Rear Bumper. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: Nixon Offroad Rear Bumper installed on a truck, showcasing its robust design and integrated features.

2. Vehicle Compatibility

This rear bumper is designed for the following vehicle models:

- 2019-2026 Chevy Silverado 1500
- 2019-2026 GMC Sierra 1500

Important Notes:

- Not compatible with Chevrolet Silverado 1500 ZR2 Models.
- The exhaust tailpipe heat shield needs to be removed during installation.

3. Package Contents

The package includes the following components:

- 1 x Rear Bumper
- 2 x D-Rings
- 2 x LED Pod Lights

- All necessary Mounting Accessories (bolts, washers, nuts, etc.)



Figure 2: Overview of bumper dimensions and included mounting hardware and accessories.

4. Key Features and Specifications

Key Features:

- **Integrated LED Pod Lights:** Includes two LED pod lights for enhanced visibility.
- **D-Ring Mounts:** Equipped with two D-Rings for recovery operations.
- **Sensor Compatibility:** Features mounting holes for factory parking sensors and Blind Spot Monitoring (BSM).
- **Side Steps:** Integrated side steps for convenient bed access.
- **Trailer Plug & License Plate Ready:** Pre-drilled holes for trailer plug, spare wheel lock cylinder case, and license plate.
- **DIY Customization:** Honeycomb decorative mesh panels allow for personalized color spraying.



Figure 3: Detailed view of the bumper's special design features and mounting points.

Product Specifications:

Material	Q235A Steel
Exterior Finish	Textured Black Powder Coat
Item Weight	83.6 Pounds
Product Dimensions (D x W x H)	20.3" x 77.1" x 11.2"
Installation Type	Bolt-On

5. Installation Instructions

This bumper features a bolt-on design, requiring no cutting or drilling into your vehicle's frame. All necessary mounting hardware is included.

General Steps:

1. **Preparation:** Ensure the vehicle is on a level surface and properly secured. Disconnect the vehicle's battery before beginning electrical work.
2. **Remove Factory Bumper:** Carefully remove the existing rear bumper, disconnecting any wiring for lights or sensors.
3. **Remove Exhaust Heat Shield:** The factory exhaust tailpipe heat shield must be removed for proper bumper fitment.
4. **Mount New Bumper:** Align the new Nixon Offroad bumper with the factory mounting holes on your vehicle's frame. Secure it using the provided hardware. Do not fully tighten bolts until all components are in place.
5. **Install LED Pod Lights:** Connect the included LED pod lights to your vehicle's wiring harness. Ensure proper routing and securing of wires.
6. **Install D-Rings:** Attach the D-Rings to the designated shackle mounting brackets.
7. **Connect Sensors:** If your vehicle has factory parking sensors or BSM, transfer them to the designated mounting holes on the new bumper and reconnect their wiring.
8. **Final Tightening:** Once all components are correctly positioned, fully tighten all mounting bolts to the manufacturer's specifications.
9. **Test Functionality:** Reconnect the battery and test all lights, sensors, and other electrical components to ensure they are working correctly.

For a visual guide on bumper assembly and installation, please refer to the video below:

Your browser does not support the video tag.

Video 1: Assembly and installation overview of a similar heavy-duty bumper, demonstrating key steps and features.

6. Operating Features

LED Pod Lights:

The integrated LED pod lights provide additional illumination. They can be wired to activate with your reverse lights, a separate switch, or other desired functions. Consult a professional for complex wiring setups.



Figure 4: The bumper's LED pod lights provide additional rear illumination.

D-Rings:

The heavy-duty D-Rings are designed for vehicle recovery. Always use appropriate recovery straps and follow safe recovery procedures. Ensure D-Rings are securely fastened before any recovery attempt.



Figure 5: D-Rings are designed for secure vehicle recovery.

Parking Sensors & BSM:

The bumper retains functionality for factory parking sensors and BSM systems. Ensure sensors are properly installed and calibrated after bumper installation to maintain their accuracy.



Figure 6: Parking sensor mounting holes ensure compatibility with factory systems.

Side Steps:

The integrated side steps provide a convenient and secure platform for accessing the truck bed. Ensure they are kept clear of debris for safe use.



Figure 7: Integrated side steps offer easy access to the truck bed.

7. Maintenance

To ensure the longevity and appearance of your Nixon Offroad Rear Bumper, follow these maintenance guidelines:

- **Regular Cleaning:** Wash the bumper regularly with mild soap and water to remove dirt, salt, and other contaminants. Avoid abrasive cleaners or harsh chemicals that could damage the powder coat finish.
- **Inspect Hardware:** Periodically check all mounting bolts and hardware for tightness. Re-tighten as necessary to prevent loosening due to vibrations or off-road use.
- **Inspect Finish:** Examine the textured black powder coat for any signs of chips, scratches, or rust. Touch up any damaged areas promptly to prevent corrosion.
- **Electrical Connections:** Inspect wiring for the LED pod lights and sensors for any signs of wear, corrosion, or loose connections.

8. Troubleshooting

If you encounter any issues with your Nixon Offroad Rear Bumper, consider the following:

- **LED Pod Lights Not Working:**
  - Check all electrical connections for tightness and proper insulation.
  - Verify that the fuse for the circuit is intact.
  - Ensure the lights themselves are not damaged.
- **Parking Sensors Malfunctioning:**
  - Ensure sensors are clean and free of dirt, mud, or ice.
  - Verify sensors are securely seated in their mounting holes and wiring is connected.
  - If issues persist, professional recalibration may be required.
- **Loose Bumper:**
  - Re-check and tighten all mounting bolts.
  - Inspect for any damaged mounting brackets or frame components.

9. Warranty and Support

Nixon Offroad is committed to providing quality products and customer satisfaction.

- **30-Day Refund or Replacement:** For incompatibility or defects rendering the product unusable.
- **12-Month Limited Warranty:** Covers product malfunction.

For any questions, concerns, or warranty claims, please contact Nixon Offroad customer service. Our products are stored in US warehouses for efficient service.

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