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› [WOLFSTORM](#) /

› [WOLFSTORM Front Bumper Installation and User Manual for 2019-2024 Dodge Ram 1500 \(Excluding Rebel\)](#)

WOLFSTORM NO-NRM03A101-1A-2B-3A-4-BX

WOLFSTORM Front Bumper Installation and User Manual

For 2019-2024 Dodge Ram 1500 (Excluding Rebel)

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and correct installation, operation, and maintenance of your WOLFSTORM Front Bumper. Please read all instructions carefully before beginning installation to ensure proper fitment and functionality. Retain this manual for future reference.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- Ensure the vehicle is parked on a level surface, the engine is off, and the parking brake is engaged. Disconnect the battery's negative terminal before starting any electrical work.
- Use proper lifting equipment and support stands when working under the vehicle.
- Do not overtighten fasteners. Refer to vehicle manufacturer specifications for torque values where applicable.
- If you are unsure about any step of the installation process, seek assistance from a qualified professional.

3. VEHICLE COMPATIBILITY

This WOLFSTORM Front Bumper is designed for direct fitment on the following vehicles:

- Dodge Ram 1500: 2019, 2020, 2021, 2022, 2023, 2024 models.

Exclusion: This bumper is **not compatible** with Dodge Ram 1500 Rebel models.

**FIT
FOR**

**2019-2024 RAM 1500
(EXCLUDE REBEL)**



This image clarifies vehicle compatibility, indicating that the bumper is suitable for 2019-2024 Ram 1500 models (top image) but not for the Rebel variant (bottom image).

4. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning installation:

- 1 x Front Bumper Main Body
- 2 x Side Wings
- 1 x Bull Bar (Type A)
- 1 x Skid Plate
- 2 x 4-inch Pod Lights (integrated into side wings)
- 1 x Wiring Harness for Pod Lights
- All necessary Mounting Hardware Kit

5. PRODUCT FEATURES

- **Heavy-Duty Construction:** Manufactured from Q235A steel with a textured black powder-coated finish for durability

and corrosion resistance.

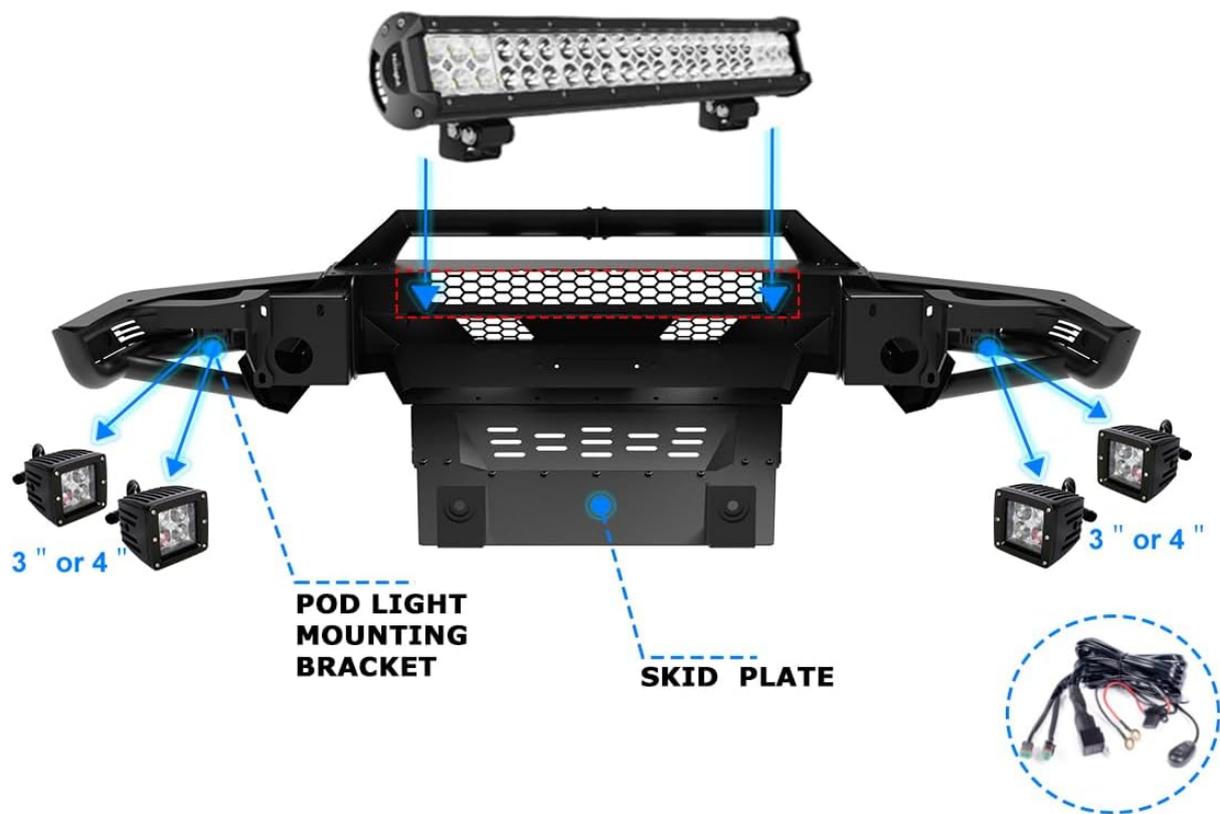
- **Integrated Lighting:** Equipped with mounting brackets for 2 x 4-inch pod lights (included) and provisions for an additional 30-inch light bar (light bar not included).
- **Parking Sensor Compatibility:** Features six dedicated mounting holes for factory parking sensors. Includes dust plugs for unused sensor holes.
- **Winch Ready:** Includes a winch cable guide mounting hole and a winch clutch switch operating hole for easy winch integration.
- **Skid Plate:** Provides underbody protection.
- **OEM Tow Hook Compatible:** Designed to work with existing factory tow hooks.



This image illustrates the front details of the bumper, including the integrated pod lights, park distance sensor mounting holes, honeycomb decorative mesh panels, winch clutch switch operating hole, winch cable guide mounting hole, and compatibility with OEM tow hooks.

REAR DETAIL

LIGHT BAR MOUNTING BRACKET



Side Wings Include a Set of 4" Pod Lights

A rear view of the bumper detailing the light bar mounting bracket, pod light mounting brackets, and the skid plate. The side wings include a set of 4-inch pod lights and a wiring harness.

6. INSTALLATION GUIDE

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

6.1. Pre-Installation Steps

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. Carefully remove the factory front bumper according to your vehicle's service manual. This typically involves disconnecting fog lights, parking sensors, and removing mounting bolts.
4. Transfer any necessary components (e.g., parking sensors, if not already integrated) from the factory bumper to the new WOLFSTORM bumper.

6.2. Bumper Assembly

1. Attach the side wings to the main bumper body using the provided hardware. Ensure a secure fit.

2. Install the bull bar (Type A) onto the main bumper body using the designated mounting points and hardware.
3. Mount the skid plate to the underside of the bumper assembly using the provided bolts.
4. Install the 4-inch pod lights into the designated openings on the side wings. Connect the wiring harness to the pod lights.
5. If your vehicle has factory parking sensors, carefully install them into the six sensor mounting holes on the new bumper. Use the provided dust plugs for any unused sensor holes.

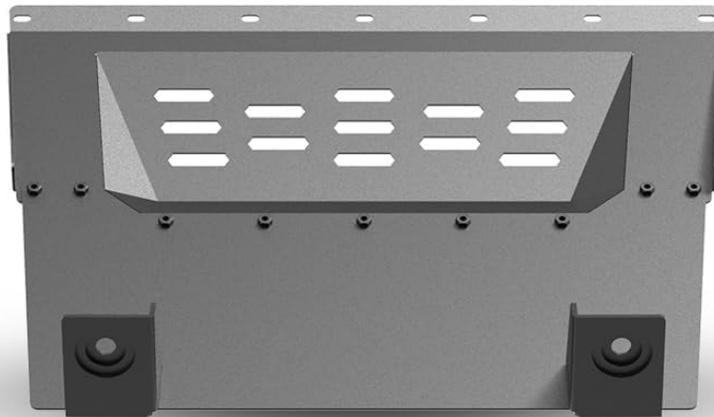
BULL BAR INSTALLATION EFFECT

LIGHT BAR MOUNTING BRACKET OR POD LIGHT MOUNTING BRACKET



LIGHTS NOT INCLUDED

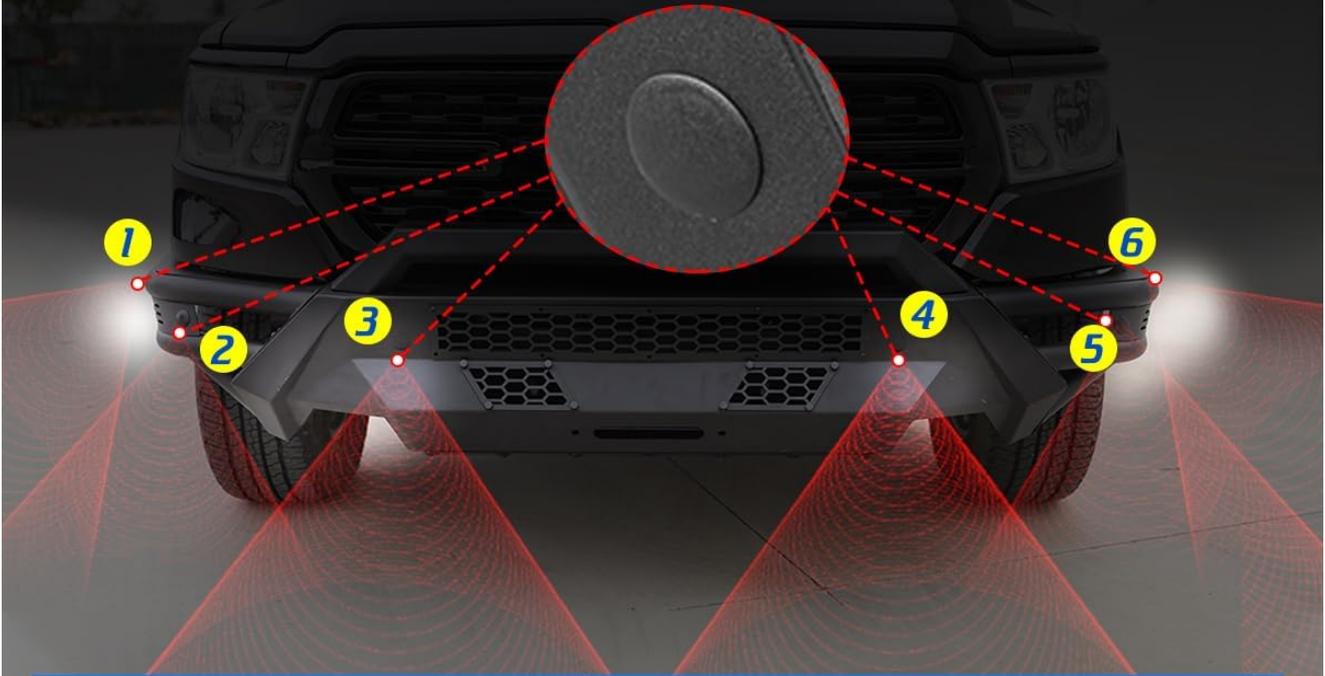
This diagram demonstrates the mounting options for a light bar or pod lights on the bull bar component of the bumper. Note that lights are not included with this specific bumper configuration.



This image shows the skid plate, a component of the bumper system, both individually and installed on the underside of the vehicle, providing protection.

Parking Sensors Mounting Hole

6 RADARS MOUNTING HOLES



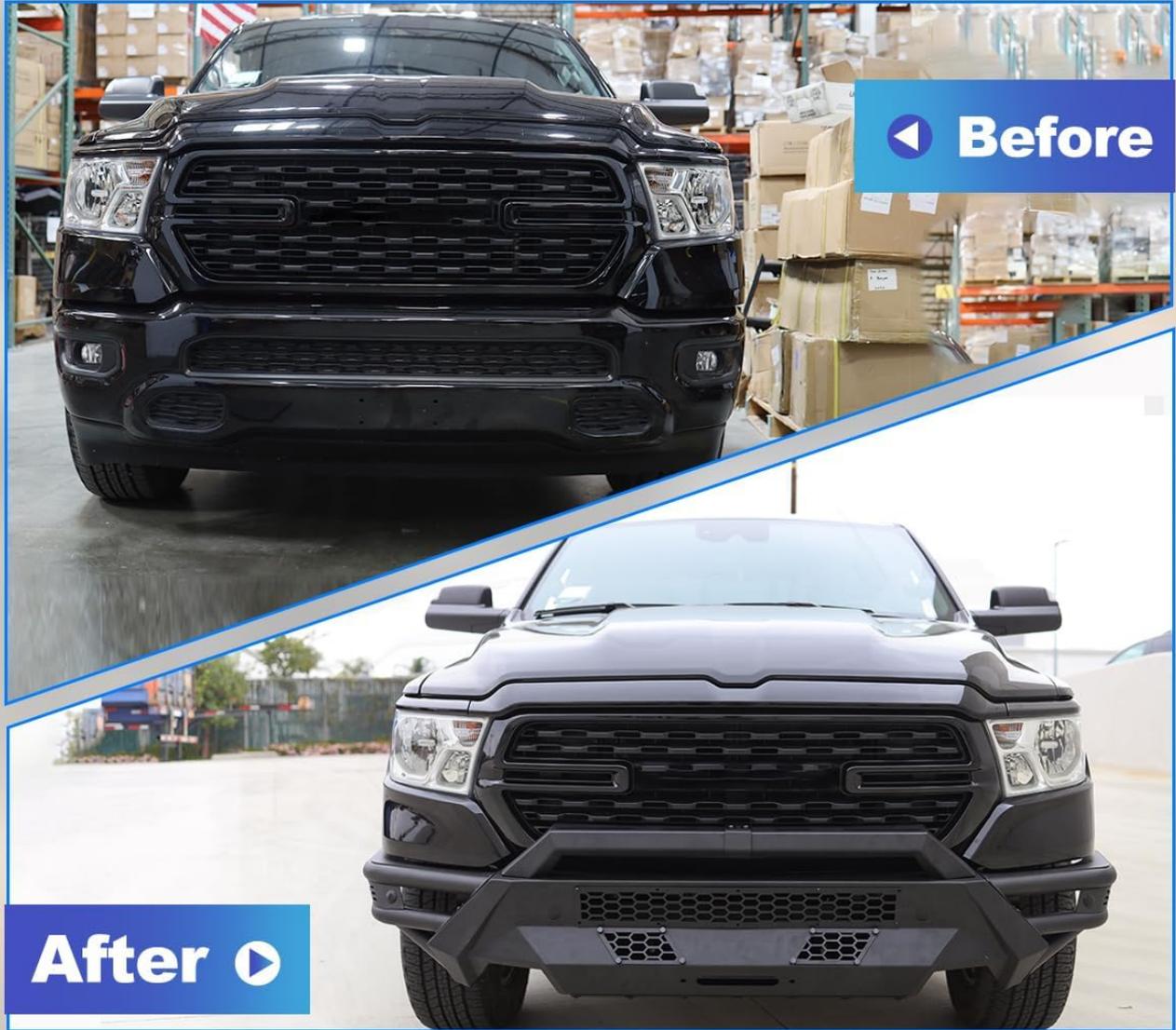
BACK VIEW OF THE PARKING SENSOR MOUNTING POSITION (WE DO NOT PROVIDE RADAR)

This diagram indicates the six designated mounting holes for parking sensors on the front bumper. A close-up of a sensor mounting position is also shown. Radar sensors are not included.

6.3. Bumper Mounting

6. With assistance, carefully lift the assembled WOLFSTORM front bumper and align it with the vehicle's factory mounting points.
7. Secure the bumper using the provided mounting hardware. Start all bolts by hand before tightening them with tools.
8. Gradually tighten all mounting bolts evenly to ensure the bumper is properly seated and aligned. Do not fully tighten until all bolts are in place.
9. Connect the wiring harness for the pod lights to the vehicle's electrical system (e.g., existing fog light wiring or a new switch, following local regulations).
10. Reconnect any factory parking sensor wiring.

INSTALLATION EFFECT



A visual comparison showing the vehicle 'Before' the installation of the WOLFSTORM front bumper and 'After' its installation, demonstrating the change in appearance.

COMPATIBLE WITH FACTORY TOW HOOK



The installed front bumper is shown on a vehicle, highlighting its design to accommodate and be compatible with the factory tow hooks.

6.4. Post-Installation Checks

11. Double-check all mounting hardware to ensure it is securely tightened.
12. Reconnect the vehicle's battery.
13. Test all lights (headlights, turn signals, pod lights) and parking sensors to confirm proper operation.
14. Ensure there are no loose wires or components.

7. OPERATION

Once installed, the WOLFSTORM Front Bumper operates in conjunction with your vehicle's existing systems.

- **Pod Lights:** Operate the integrated 4-inch pod lights via the connected switch or vehicle's fog light controls, depending on your wiring configuration.
- **Parking Sensors:** The factory parking sensors, if installed, will function as normal through the bumper's dedicated mounting holes.

- **Winch Access:** The bumper provides clear access for winch operation through the winch clutch switch operating hole and cable guide mounting hole.

8. MAINTENANCE

- **Regular Cleaning:** Clean 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 coat finish.
- **Inspect Fasteners:** Periodically check all mounting bolts and hardware for tightness. Retighten as necessary to prevent loosening due to vibrations.
- **Inspect for Damage:** Regularly inspect the bumper for any signs of damage, such as dents, scratches, or corrosion. Address any damage promptly to maintain the bumper's integrity and appearance.
- **Electrical Connections:** Check electrical connections for the pod lights and parking sensors for corrosion or loose wiring.

9. TROUBLESHOOTING

- **Lights Not Working:**
 - Check all electrical connections for the pod lights and wiring harness.
 - Verify that the fuse for the lights is intact.
 - Ensure the switch (if applicable) is functioning correctly.
- **Parking Sensors Malfunctioning:**
 - Ensure sensors are clean and free from dirt, ice, or debris.
 - Verify that sensors are securely seated in their mounting holes.
 - Check wiring connections to the sensors.
- **Bumper Appears Loose:**
 - Inspect all mounting bolts and nuts. Tighten any loose fasteners.
 - Ensure the bumper is correctly aligned with the vehicle's frame.

10. SPECIFICATIONS

Feature	Specification
Brand	WOLFSTORM
Model Number	NO-NRM03A101-1A-2B-3A-4-BX
Auto Part Position	Front
Material	Heavy-duty Q235A Steel
Finish	Textured Black Powder Coat
Item Weight	29 Kilograms (63.8 pounds)
Product Dimensions	15.35"D x 62.6"W x 11.42"H

Feature	Specification
Light Compatibility	2 x 4" Pod Lights (included), 30" Light Bar (not included)
Sensor Compatibility	6 Factory Parking Sensor Holes

11. WARRANTY AND SUPPORT

For warranty information or technical support regarding your WOLFSTORM Front Bumper, please refer to the product packaging or contact WOLFSTORM customer service directly. Keep your purchase receipt as proof of purchase.