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› [Hooke Road Front Bumper with Grille Guard and Winch Plate for Jeep Wrangler JL & Gladiator JT \(2018-2024\) - Instruction Manual](#)

Hooke Road BXG.3081-S-1

Hooke Road Front Bumper with Grille Guard and Winch Plate

For Jeep Wrangler JL & Gladiator JT (2018-2024)

Model: BXG.3081-S-1

1. INTRODUCTION

Thank you for choosing the Hooke Road Front Bumper with Grille Guard and Winch Plate. This product is designed to enhance the off-road capability and aesthetic appeal of your vehicle. This manual provides essential information for proper installation, safe operation, and effective maintenance.

This front bumper is compatible with:

- Jeep Wrangler JL 2/4 Door models (2018-2024)
- Jeep Gladiator JT models (2018-2024)

The bumper features a robust tubular design, providing enhanced front-end protection against brush, rocks, and other trail debris. It includes a winch plate, two 25W LED spotlights, a foldable license plate holder, and two 3/4 inch 9 lb D-rings. Constructed from heavy-duty 11-gauge steel for the main body and durable steel tubes for the grille guard, it ensures long-lasting performance and corrosion resistance with its textured black powder coat and premium E-coat finish.



Figure 1.1: Hooke Road Front Bumper installed on a Jeep Gladiator JT, showcasing its robust design and integrated grille guard.

2. SAFETY INFORMATION

Please read and understand all instructions and safety warnings before installation and use. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Professional Installation Recommended:** While designed for DIY installation, professional installation is recommended for optimal safety and performance.
- **Wear Safety Gear:** Always wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- **Secure Vehicle:** Ensure the vehicle is parked on a level surface, the parking brake is engaged, and the engine is off before beginning any work.
- **Heavy Object:** The bumper is heavy (approximately 92 lbs). Use proper lifting techniques or seek assistance to prevent injury.
- **Electrical Connections:** Exercise caution when working with vehicle electrical systems. Disconnect the battery if necessary.

- **Check Fasteners:** Regularly inspect all fasteners to ensure they remain tight. Re-tighten as needed.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning installation. If any parts are missing or damaged, contact Hooke Road customer support immediately.

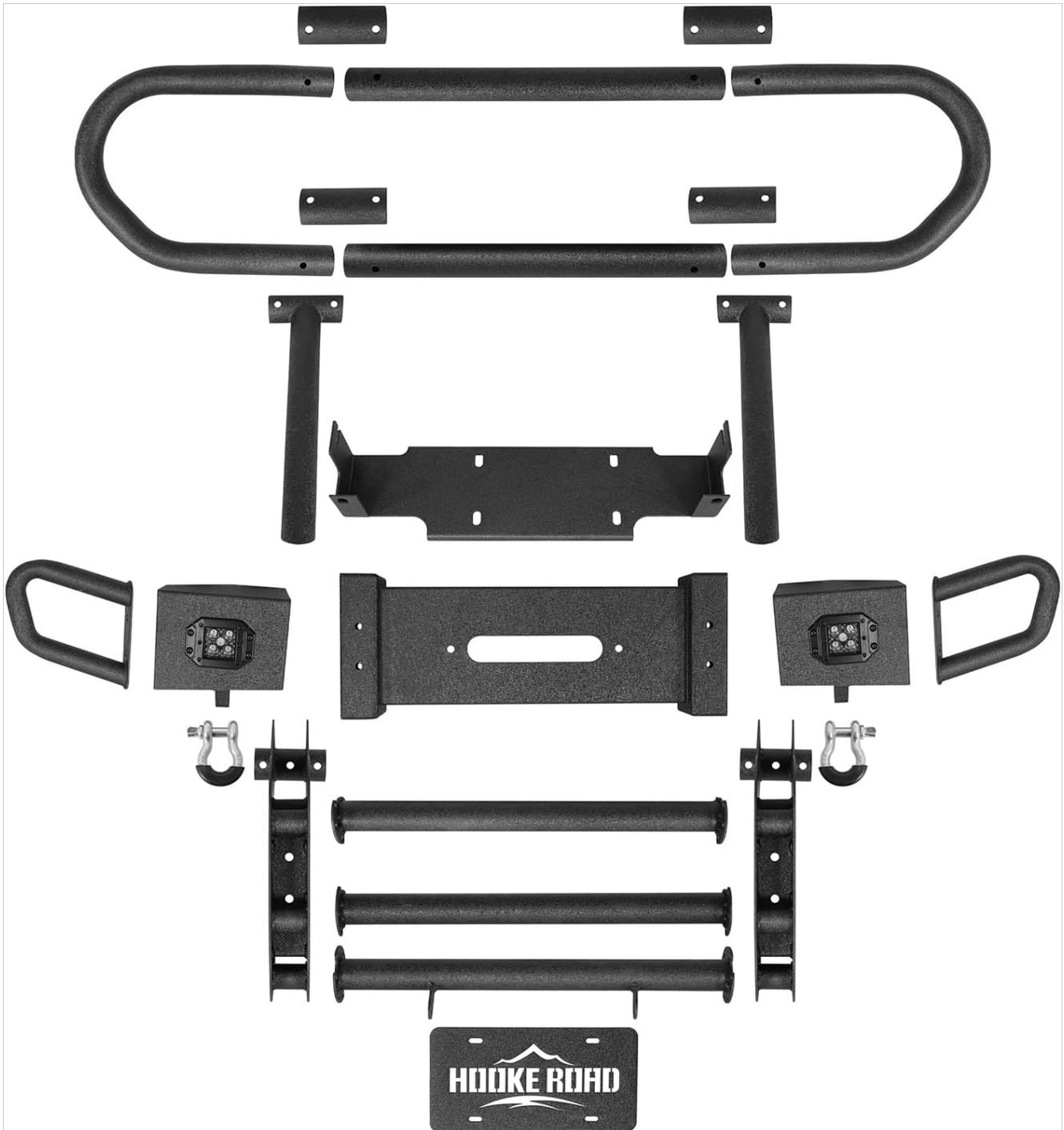


Figure 3.1: Exploded view showing all individual components of the Hooke Road Front Bumper kit, including the main bumper body, grille guard tubes, D-ring mounts, LED lights, winch plate, and hardware.

Included Components:

- Main Bumper Body
- Grille Guard Tubes (Upper and Lower sections)
- Winch Plate (supports up to 12,000 lbs)
- 2 x 25W LED Spotlights

- Foldable License Plate Holder
- 2 x 3/4 inch 9 lb D-Rings
- Mounting Brackets and Hardware Kit
- Wiring Harness for LED Spotlights



Figure 3.2: Close-up view of key bumper accessories, including the 10x4.5 inch winch plate, two 25W LED spotlights, the flip-up license plate mount, and high-strength D-rings.

4. TOOLS REQUIRED

The following basic hand tools are typically required for installation:

- Socket Wrench Set
- Open-End Wrench Set
- Torque Wrench

- Pliers
- Wire Strippers/Crimpers (for LED lights)
- Flathead and Phillips Screwdrivers
- Measuring Tape
- Marker or Pencil
- Cutting Tool (if minor trimming is unexpectedly required, though not typically needed)

5. SETUP AND INSTALLATION

This bumper is designed for a direct bolt-on installation to factory mounting points, requiring no cutting, drilling, or modification to your vehicle.

5.1. Pre-Installation Steps

1. Park your vehicle on a flat, level surface and engage the parking brake.
2. Turn off the engine and remove the key from the ignition.
3. Disconnect the negative terminal of the vehicle's battery to prevent electrical shorts during wiring.
4. Carefully unpack all components and verify against the package contents list.

5.2. Removing the Factory Bumper

1. Locate and disconnect any fog light wiring or other electrical connections attached to the factory bumper.
2. Remove all bolts and fasteners securing the factory bumper to the vehicle frame. Keep track of all hardware.
3. With assistance, carefully remove the factory bumper from the vehicle.

5.3. Assembling the Hooke Road Bumper

Refer to the exploded view diagram (Figure 3.1) for component identification.

1. Attach the winch plate to the main bumper body using the provided hardware. Ensure it is securely fastened.
2. Install the two 25W LED spotlights into their designated housings on the bumper.
3. Assemble the upper and lower grille guard tubes and attach them to the main bumper body. Do not fully tighten hardware at this stage.
4. Attach the D-ring mounts to the bumper.
5. Install the foldable license plate holder.

5.4. Mounting the New Bumper

1. With assistance, carefully lift the assembled Hooke Road bumper and align it with the factory mounting points on the vehicle frame.
2. Insert the provided mounting bolts through the bumper and frame. Hand-tighten all bolts to allow for minor adjustments.
3. Once the bumper is properly aligned and centered, fully tighten all mounting hardware to the manufacturer's recommended torque specifications.

5.5. Wiring LED Spotlights

1. Connect the wiring harness to the LED spotlights.
2. Route the wiring harness along the vehicle frame, securing it with zip ties to prevent chafing or interference with moving parts.
3. Connect the wiring harness to a suitable power source (e.g., auxiliary switch, existing fog light wiring). Consult

your vehicle's wiring diagram if unsure.

4. Reconnect the negative battery terminal.
5. Test the LED spotlights to ensure they function correctly.



Figure 5.1: Detail of the bumper's side attachment, highlighting the secure bolt-on installation and the integration with the vehicle's fender.

6. OPERATING FEATURES

6.1. D-Rings

The integrated D-ring mounts are designed for recovery operations. Always use the provided 3/4 inch 9 lb D-rings or equivalent rated shackles. Ensure D-rings are properly secured before any recovery attempt. Never exceed the rated capacity of the D-rings or the bumper.

6.2. Winch Plate

The winch plate is designed to accommodate most standard winches up to 12,000 lbs. Follow the winch manufacturer's instructions for proper installation and operation. Ensure the winch is securely bolted to the plate and all electrical connections are properly made and protected.

6.3. LED Spotlights

The 25W LED spotlights provide additional illumination for off-road driving. Operate them according to local laws and regulations. Avoid using them on public roads if they are not compliant with street-legal lighting requirements.

6.4. Foldable License Plate Holder

The license plate holder can be folded up to allow access to the winch fairlead or for aesthetic purposes when off-road. Ensure it is securely fastened in the down position when driving on public roads to comply with vehicle registration laws.

7. MAINTENANCE

Regular maintenance will ensure the longevity and performance of your Hooke Road Front Bumper.

- **Regular Inspection:** Periodically inspect the bumper, mounting hardware, and D-rings for any signs of damage, corrosion, or loose fasteners.
- **Tighten Fasteners:** Re-tighten all bolts and nuts as necessary, especially after off-road use.
- **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.
- **Coating Care:** The textured black powder coat and E-coat finish provide excellent corrosion resistance. If the coating is scratched or damaged, touch it up promptly to prevent rust.
- **Electrical Connections:** Check LED light wiring for any signs of wear, fraying, or loose connections. Ensure all connections are waterproof.



Figure 7.1: Illustration of the bumper's construction, featuring carbon steel material, an E-coat layer for internal protection, and a textured black powder coat finish for external durability and corrosion resistance.

8. TROUBLESHOOTING

8.1. Bumper Does Not Fit Correctly

- **Check Compatibility:** Ensure your vehicle's make, model, and year match the product's compatibility (Jeep Wrangler JL & Gladiator JT 2018-2024).
- **Loose Hardware:** Ensure all mounting bolts are loose enough to allow for adjustment during initial fitment.
- **Obstructions:** Check for any factory components or aftermarket accessories that might be interfering with the bumper's fit.

8.2. LED Spotlights Not Working

- **Check Connections:** Verify all electrical connections are secure and properly seated.
- **Power Source:** Ensure the power source (e.g., fuse, switch) is functioning correctly.
- **Ground Connection:** Confirm that the ground wire is properly connected to a clean, unpainted metal surface on the vehicle chassis.

- **Fuse:** Check if any inline fuses in the wiring harness or vehicle's fuse box have blown.

8.3. Rattling or Vibrations

- **Tighten All Fasteners:** Re-check and tighten all bumper mounting bolts and any accessory fasteners (e.g., grille guard, D-rings, winch).
- **Inspect for Contact:** Look for any part of the bumper or its accessories making contact with the vehicle body or other components. Adjust as needed.

9. SPECIFICATIONS

Brand	Hooke Road
Model Number	BXG.3081-S-1
Material	Heavy-Duty Carbon Steel (11-gauge main body, 9-gauge winch plate)
Tube Construction	1.89" x 0.06" and 1.50" x 0.06" Steel Tubes
Finish	Textured Black Powder Coat with E-Coat Layer
Color	Black
Position	Front
Item Weight	Approximately 92 lbs (41.7 kg)
Winch Capacity	Up to 12,000 lbs
D-Ring Rating	9 lbs (3/4 inch size)
LED Spotlights	2 x 25W Included
Compatibility	Jeep Wrangler JL (2018-2024), Jeep Gladiator JT (2018-2024)

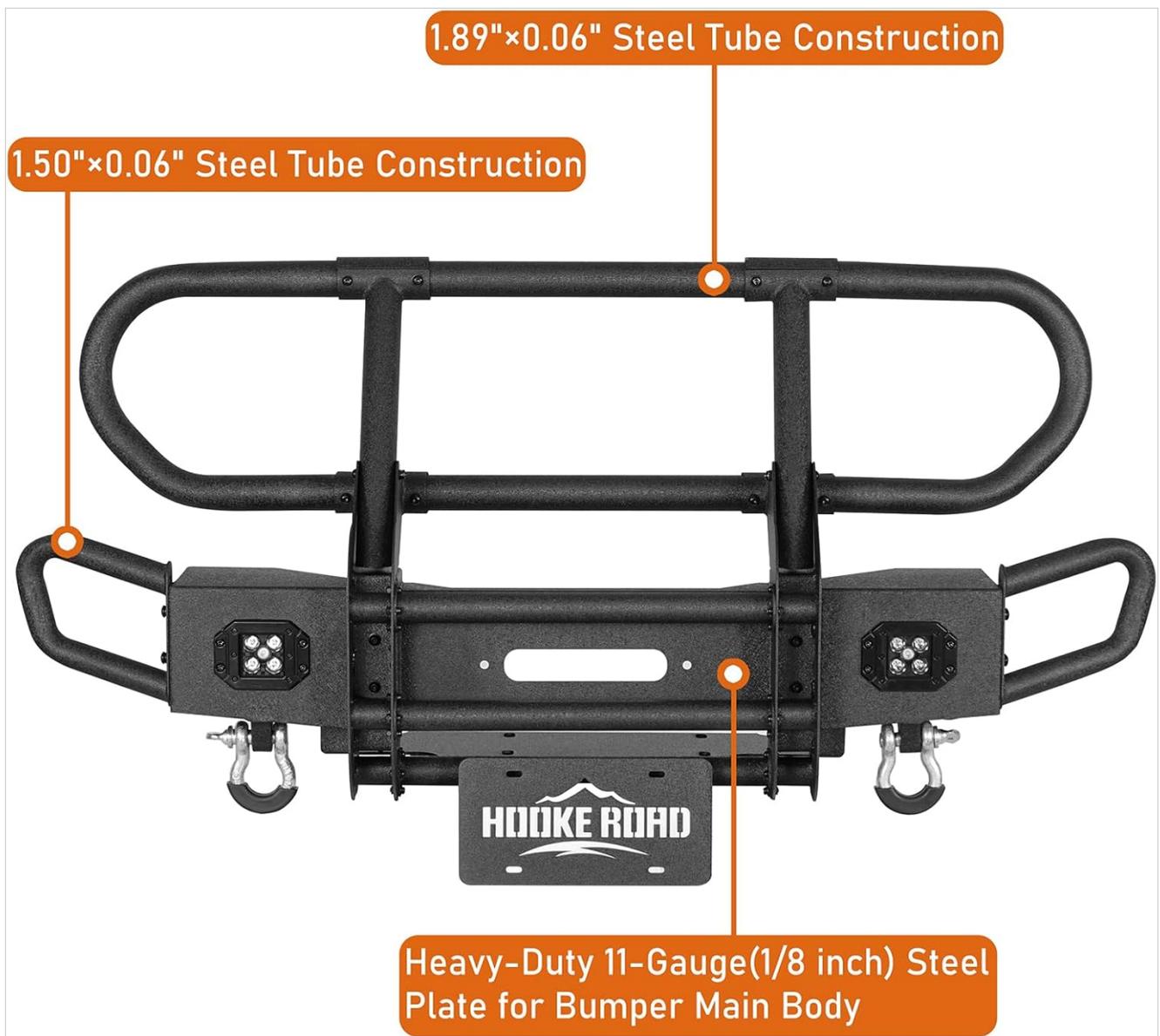


Figure 9.1: Detailed view of the bumper's heavy-duty construction, indicating the 11-gauge (1/8 inch) steel plate for the main body and the dimensions of the 1.89" x 0.06" and 1.50" x 0.06" steel tube construction for the grille guard.



Figure 9.2: Dimensional drawing providing key measurements of the bumper, including its overall width of 57.67 inches, height of 30.98 inches, and grille guard width of 51.24 inches.

10. WARRANTY AND SUPPORT

10.1. Manufacturer's Warranty

This Hooke Road product is covered by a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, accidents, or unauthorized modifications.

10.2. Customer Support

Hooke Road provides **lifetime customer support** for this product. If you have any questions regarding installation, operation, maintenance, or warranty claims, please contact Hooke Road customer service through the retailer where the product was purchased or visit the official Hooke Road website for contact information.

