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Bosal 044-801

Bosal Trailer Hitch 044-801 Instruction Manual

Model: 044-801

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Bosal Trailer Hitch Model 044-801. Please read this manual thoroughly before attempting installation or use to ensure safe and proper operation.

The Bosal Trailer Hitch 044-801 is designed for reliable towing, featuring a rigid ball head. It is certified under ECE4_3892 standards.

SAFETY INFORMATION

- Always ensure the hitch is securely attached to the vehicle and the trailer before towing.
- Do not exceed the maximum towing capacity of 1425 kg (3145 lbs) or the maximum bearing load of 75 kg (165 lbs).
- Regularly inspect the hitch for any signs of wear, damage, or corrosion. Replace components as necessary.
- Follow all local and national towing regulations.
- Professional installation is recommended for optimal safety and performance.

PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.



Image: All components of the Bosal Trailer Hitch 044-801, including the main hitch bar, detachable ball head, mounting brackets, and various bolts and nuts, are displayed on a flat surface.

- Main Hitch Bar Assembly
- Detachable Ball Head with Locking Mechanism
- Mounting Brackets (specific to vehicle model)
- Fasteners (bolts, nuts, washers)
- Instruction Leaflet (this manual)

SETUP AND INSTALLATION

Installation of the Bosal Trailer Hitch 044-801 typically takes approximately 1 hour. Specific steps may vary depending on your vehicle model. Refer to your vehicle's owner's manual for any specific requirements related to trailer hitch installation.

1. **Prepare the Vehicle:** Park the vehicle on a level surface and engage the parking brake. If necessary, lift the vehicle using a jack and secure it with jack stands.
2. **Locate Mounting Points:** Identify the designated mounting points on your vehicle's chassis, usually near the rear bumper. These points are often pre-drilled by the manufacturer.
3. **Attach Mounting Brackets:** Secure the provided mounting brackets to the vehicle's chassis using the specified fasteners. Ensure they are aligned correctly.
4. **Install Main Hitch Bar:** Lift the main hitch bar assembly into position and attach it to the mounting brackets. Hand-tighten all bolts initially.
5. **Torque All Fasteners:** Using a torque wrench, tighten all bolts to the specifications provided in the separate vehicle-specific installation guide (if applicable) or the general torque specifications for high-strength fasteners. Ensure all connections are secure.
6. **Attach Ball Head:** Insert the detachable ball head into the receiver and secure it using its locking mechanism. Ensure it clicks into place and is firmly seated.
7. **Final Inspection:** Double-check all connections and ensure the hitch is stable and properly aligned.



Image: A white SUV with the Bosal Trailer Hitch 044-801 visibly installed at the rear, demonstrating its appearance when mounted on a vehicle.

OPERATING INSTRUCTIONS

Proper operation of your trailer hitch ensures safe towing.

1. Connecting a Trailer:

- Ensure the trailer coupler is clean and free of debris.
- Align the trailer coupler with the hitch ball.
- Lower the trailer coupler onto the hitch ball until it is fully seated.
- Engage the coupler latch and secure it with a safety pin or lock.
- Attach safety chains from the trailer to the vehicle's designated attachment points, ensuring they cross under the coupler.
- Connect the trailer's electrical wiring to the vehicle's trailer light connector.

2. Disconnecting a Trailer:

- Park on a level surface and engage the vehicle's parking brake.
- Disconnect the trailer's electrical wiring.
- Remove the safety chains.
- Remove the safety pin/lock from the coupler latch and disengage the latch.
- Raise the trailer coupler off the hitch ball.

3. Detaching the Ball Head (if applicable):

The 044-801 features a rigid ball head. If your specific model has a removable mechanism, follow the manufacturer's instructions for detachment. For the standard rigid ball head, it remains fixed once installed.



Image: A detailed view of the Bosal Trailer Hitch 044-801's rigid ball head, highlighting its design and connection point.

MAINTENANCE

Regular maintenance extends the life of your trailer hitch and ensures safe operation.

- **Routine Inspection:** Before each towing trip, visually inspect the hitch for cracks, bends, excessive rust, or loose fasteners.
- **Cleaning:** Clean the hitch regularly, especially after exposure to road salt, dirt, or harsh weather conditions. Use mild soap and water, then dry thoroughly.
- **Lubrication:** Apply a thin layer of grease to the hitch ball to reduce friction and wear on the trailer coupler.
- **Fastener Check:** Periodically re-torque all mounting bolts to the manufacturer's specifications to ensure they remain tight.
- **Corrosion Protection:** The hitch features a powder-coated finish for corrosion resistance. If the coating is damaged, touch up with rust-inhibiting paint to prevent rust.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Hitch feels loose after installation.	Mounting bolts are not sufficiently torqued.	Re-torque all mounting bolts to specified values.
Excessive noise during towing.	Lack of lubrication on hitch ball; loose connections.	Apply grease to the hitch ball. Check and tighten all connections.
Rust appearing on hitch.	Damage to powder coating; prolonged exposure to moisture.	Clean affected area, sand lightly, and apply rust-inhibiting paint. Ensure proper drying.

SPECIFICATIONS

Model Number: 044-801

Brand: Bosal

Hitch Type: Rigid Ball Head

D-Value: 8.71 kN

Maximum Bearing Load: 75 kg (165 lbs)

Maximum Towing Load: 1425 kg (3145 lbs)

Certification: ECE4_3892

Approximate Assembly Time: 1 hour

Finish Type: Powder Coated

Vehicle Service Type: Trailer

WARRANTY INFORMATION

For detailed warranty information regarding your Bosal Trailer Hitch 044-801, please refer to the official Bosal website or contact their customer support directly. Warranty terms and conditions may vary by region and purchase date.

CUSTOMER SUPPORT

If you require further assistance, have questions about installation, or need to report an issue, please contact Bosal customer support through their official channels. Visit the official Bosal website for contact details and frequently asked questions.

Note: Always provide your product model number (044-801) and purchase details when contacting support.

