ACPS-ORIS 034-151

ACPS-ORIS Bosal 034-151 Trailer Hitch

Instruction Manual

1. Introduction

This manual provides essential information for the safe and correct installation, operation, and maintenance of your ACPS-ORIS Bosal 034-151 Trailer Hitch. Please read these instructions thoroughly before attempting any installation or use. Proper installation and adherence to safety guidelines are crucial for optimal performance and user safety.

2. Safety Information

WARNING: Failure to follow these safety instructions could result in serious injury, death, or property damage.

- Always ensure the trailer hitch is correctly installed and secured according to these instructions and vehicle manufacturer specifications.
- Do not exceed the maximum towing capacity of the hitch or your vehicle, whichever is lower. Refer to your vehicle's owner's manual for specific towing limits.
- Regularly inspect the hitch for signs of wear, damage, or corrosion. Replace any damaged components immediately.
- Ensure all fasteners are tightened to the specified torque values. Re-check torque after the first 500 miles (800 km) of towing and periodically thereafter.
- Always use safety chains between the tow vehicle and the trailer.
- Never modify the trailer hitch. Any modifications can compromise its structural integrity and safety.
- Wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.

3. Package Contents

Verify that all components are present before beginning installation. If any parts are missing or damaged, do not proceed with installation and contact ACPS-ORIS customer support.

- 1 x ACPS-ORIS Bosal 034-151 Trailer Hitch assembly
- Required mounting hardware (bolts, nuts, washers)
- Instruction Manual (this document)

4. Installation

Installation of the ACPS-ORIS Bosal 034-151 Trailer Hitch typically requires specialized tools and automotive knowledge. It is highly recommended that installation be performed by a qualified professional to ensure proper fitment and safety.

4.1 Pre-Installation Steps

1. Park the vehicle on a level surface and engage the parking brake.
2. Allow the vehicle's exhaust system to cool down completely.
3. Consult your vehicle's owner's manual for any specific instructions regarding trailer hitch installation or modifications to the vehicle's frame.
4. Clean any debris or rust from the vehicle's frame where the hitch will be mounted.

4.2 Mounting the Hitch

The specific mounting points and procedures vary by vehicle model. Refer to the detailed vehicle-specific installation guide (if provided separately) or consult a professional installer.

- Position the trailer hitch assembly against the vehicle's frame at the designated mounting locations.
- Insert the provided bolts through the hitch and vehicle frame.
- Secure with washers and nuts, hand-tightening initially.
- Using a torque wrench, tighten all fasteners to the torque specifications provided in the vehicle-specific instructions or by the hitch manufacturer. **Do not overtighten.**

4.3 Post-Installation Check

1. Visually inspect all mounting points to ensure the hitch is securely attached and no components are loose.
2. Ensure there is adequate clearance between the hitch and other vehicle components (e.g., exhaust, spare tire).
3. If applicable, connect trailer wiring according to the wiring kit instructions.

5. Operation

Once installed, the trailer hitch is ready for use. Always ensure proper connection and safety measures before towing.

5.1 Connecting a Trailer

1. Insert the appropriate hitch ball (not included) into the receiver opening and secure it with a hitch pin and clip.
2. Back your vehicle up to the trailer.
3. Lower the trailer coupler onto the hitch ball, ensuring it is fully seated and latched.
4. Attach the trailer's safety chains to the designated chain loops on the hitch or vehicle frame, crossing them under the coupler.
5. Connect the trailer's electrical plug to the vehicle's receptacle and test all lights (brake, turn signals, running lights).

5.2 Towing Considerations

- Always ensure proper tongue weight for the trailer.
- Drive cautiously, allowing for increased stopping distances and wider turns.
- Periodically check the hitch connection, safety chains, and trailer lights during long trips.

6. Maintenance

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

- **Inspection:** Before each use, inspect the hitch for any signs of damage, cracks, 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 rinse thoroughly.
- **Lubrication:** Apply a thin layer of grease to the hitch ball and receiver opening to prevent rust and ensure smooth operation.
- **Fastener Torque:** Re-check the torque of all mounting fasteners periodically, especially after the first few towing trips.



Figure 1: Generic representation of a trailer hitch component. Regular inspection of all parts is essential for safety.

7. Troubleshooting

This section addresses common issues you might encounter with your trailer hitch.

Problem	Possible Cause	Solution
Hitch appears loose or rattles	Loose mounting bolts; worn components	Check and re-torque all mounting bolts. Inspect for worn parts and replace if necessary.
Excessive rust or corrosion	Lack of regular cleaning and maintenance; exposure to harsh elements	Clean the hitch thoroughly and apply a rust-inhibiting paint or coating. Ensure regular cleaning.
Difficulty inserting hitch pin	Receiver opening or hitch ball is dirty/corroded; bent pin	Clean and lubricate the receiver opening and hitch ball. Inspect the hitch pin for damage.

8. Specifications

- **Model Number:** 034-151
- **Brand:** ACPS-ORIS
- **Estimated Installation Time:** 1.5 hours (professional labor)
- **Parcel Dimensions:** 75 x 35 x 20 cm

- **Item Weight:** 19 kg
- **Number of Items:** 1
- **ASIN:** B08QGV88KN

9. Warranty and Support

ACPS-ORIS products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or visit the official ACPS-ORIS website. For technical support, replacement parts, or any inquiries, please contact ACPS-ORIS customer service through their official channels.
Please retain your proof of purchase for warranty claims.

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