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Bosal 050-483

Bosal 050-483 Trailer Hitch User Manual

Model: 050-483

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Bosal 050-483 Retractable Trailer Hitch. Please read this manual thoroughly before attempting any installation or use to ensure safety and optimal performance. This product is designed for towing applications and features a retractable ball mechanism for convenience.

Setup and Installation

The Bosal 050-483 trailer hitch is designed for specific vehicle models. Professional installation is highly recommended. Always refer to your vehicle's owner's manual and any specific installation instructions provided with the hitch for detailed steps.

General Installation Steps:

1. Ensure the vehicle is parked on a level surface with the engine off and the parking brake engaged.
2. Locate the designated mounting points on your vehicle's chassis, typically near the rear bumper.
3. Carefully position the hitch assembly, aligning it with the mounting points.
4. Secure the hitch using the provided hardware. Ensure all bolts are tightened to the manufacturer's specified torque settings.
5. For the retractable ball mechanism, follow the specific instructions to ensure it locks securely in both the extended and retracted positions.
6. Connect any necessary electrical wiring for trailer lights, following local regulations and vehicle-specific wiring diagrams.



Close-up view of the Bosal 050-483 retractable trailer hitch ball and its mounting mechanism, showing the robust construction and the locking pin.

Operating Instructions

The Bosal 050-483 features a retractable tow ball for convenience when not in use.

Extending the Tow Ball:

- Locate the release mechanism, usually a lever or knob, near the base of the tow ball.
- Follow the specific instructions to unlock and pivot the tow ball into its extended, upright position.
- Ensure the tow ball is securely locked in place before attaching a trailer. A visible indicator or audible click usually confirms proper locking.

Retracting the Tow Ball:

- When not towing, unlock the mechanism and pivot the tow ball downwards and inwards until it is fully retracted and secured beneath the vehicle.
- Verify that the tow ball is fully stowed and locked to prevent accidental deployment or damage.

Attaching a Trailer:

- Ensure the tow ball is fully extended and locked.
- Carefully back your vehicle towards the trailer coupler.
- Lower the trailer coupler onto the tow ball, ensuring it is fully seated.
- Engage the coupler's locking mechanism.
- Attach safety chains and connect the trailer's electrical plug to your vehicle's receptacle.

Maintenance

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

- **Cleaning:** Keep the tow ball and mechanism clean from dirt, rust, and road debris. Use a mild detergent and water, then dry thoroughly.

- **Lubrication:** Periodically apply a suitable grease or lubricant to the moving parts of the retractable mechanism to ensure smooth operation. Avoid lubricating the tow ball itself when a trailer is attached, as this can reduce friction needed for proper coupling.
- **Inspection:** Before each use, inspect the hitch for any signs of damage, corrosion, loose bolts, or cracks. Check the integrity of the retractable mechanism and ensure it locks securely.
- **Torque Check:** Periodically check the torque of all mounting bolts, especially after the first few uses and after significant towing. Refer to the installation instructions for correct torque specifications.

Troubleshooting

If you encounter issues with your Bosal 050-483 trailer hitch, consider the following common problems and solutions:

- **Hitch Ball Not Retracting/Extending Smoothly:**
  Solution: Clean the mechanism thoroughly and apply a suitable lubricant to the moving parts. Check for any obstructions or debris.
- **Hitch Ball Not Locking Securely:**
  Solution: Ensure the mechanism is fully extended or retracted. Check for any foreign objects preventing full engagement. If the locking pin or indicator is damaged, professional inspection is required.
- **Unusual Noises During Towing:**
  Solution: Check all mounting bolts for proper torque. Inspect the tow ball and coupler for wear. Ensure the trailer is properly seated and locked onto the tow ball.
- **Corrosion or Rust:**
  Solution: Clean affected areas with a wire brush and apply a rust-inhibiting primer and paint. Regular cleaning and lubrication can prevent this.

If problems persist or you suspect structural damage, discontinue use and consult a qualified mechanic or the manufacturer.

Specifications

Feature	Detail
Manufacturer	BOSAL
Brand	Bosal
Model Number	050-483
Item Weight	2.87 Kilograms
Product Dimensions (L x W x H)	46.6 x 31.61 x 18.67 cm
Hitch Type	Retractable Ball
Condition	New Product

Warranty and Support

For specific warranty information, please refer to the documentation included with your purchase or contact Bosal directly. Keep your proof of purchase for any warranty claims.
For technical support or further assistance, please visit the official Bosal website or contact their customer service

department. Always provide your product model number (050-483) when seeking support.

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