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ACPS-ORIS 029-441

ACPS-ORIS 029-441 Towing Hitch User Manual

Introduction

This manual provides comprehensive instructions for the safe and proper installation, operation, and maintenance of the ACPS-ORIS 029-441 Towing Hitch. Please read this manual thoroughly before attempting any installation or use to ensure safety and optimal performance.

Important Safety Information

Failure to follow these safety guidelines may result in serious injury, property damage, or product malfunction.

- Always read and understand all instructions before installation and use.
- Professional installation by a qualified technician is highly recommended.
- Ensure the towing hitch is compatible with your vehicle's make, model, and year.
- Never exceed the lowest weight rating of any towing component (vehicle, hitch, or trailer).
- Regularly inspect all components for wear, damage, or corrosion before each use.
- Ensure all fasteners are properly tightened to the manufacturer's specified torque settings.
- Always use safety chains in conjunction with the towing hitch.
- Do not modify the towing hitch in any way. Unauthorized modifications can compromise safety and void the warranty.

Package Contents

Before beginning installation, verify that all components listed below are present and undamaged.

- ACPS-ORIS 029-441 Towing Hitch Assembly
- Mounting Hardware (bolts, washers, nuts)
- Instruction Manual (this document)

Setup and Installation

The installation of a towing hitch requires mechanical aptitude and specific tools. If you are not confident in your ability to perform the installation safely, seek assistance from a professional installer.

1. **Prepare the Vehicle:** Park the vehicle on a level surface, engage the parking brake, and turn off the engine. Consult your vehicle's owner's manual for specific instructions regarding towing accessory installation points and procedures.
2. **Identify Mounting Points:** Locate the designated mounting points on your vehicle's frame. These are typically pre-drilled holes or areas requiring minor modification as per vehicle-specific instructions.
3. **Position the Hitch:** Carefully lift the ACPS-ORIS 029-441 Towing Hitch into position, aligning its mounting holes with those on the vehicle frame. It may be helpful to have an assistant for this step.
4. **Secure with Fasteners:** Insert the provided bolts, washers, and nuts through the aligned holes. Hand-tighten all fasteners to hold the hitch in place.
5. **Torque Bolts:** Using a torque wrench, tighten all fasteners to the torque specifications provided in your vehicle's manual or the hitch's supplementary instructions. Ensure even tightening across all bolts.
6. **Final Inspection:** Double-check all connections to ensure they are secure. Verify that the hitch is properly aligned and does not interfere with any vehicle components.



Image: A black protective cap, likely for a hitch ball, featuring the 'ORIS' brand logo in white with a blue accent line. This component helps protect the hitch ball from elements when not in use.

Operating Instructions

Proper operation of your towing hitch is crucial for safe towing.

- **Connecting a Trailer:** Ensure the trailer coupler is clean and free of debris. Lower the trailer onto the hitch ball, ensuring it is fully seated and latched. Engage any safety pins or locks.
- **Safety Chains:** Always attach safety chains from the trailer to the designated points on the vehicle or hitch. Cross the chains under the trailer tongue to create a cradle in case of detachment.
- **Electrical Connections:** Connect the trailer's electrical wiring to the vehicle's towing harness. Test all lights (brake, turn signals, running lights) before driving.
- **Weight Distribution:** Ensure the trailer's load is properly distributed to maintain appropriate tongue weight. Refer to your trailer and vehicle manuals for recommended tongue weight percentages.
- **Pre-Trip Inspection:** Before each trip, check all connections, lights, tires, and brakes on both the vehicle and trailer.

Maintenance

Regular maintenance will extend the life of your ACPS-ORIS 029-441 Towing Hitch and ensure safe operation.

- **Routine Inspection:** Periodically inspect the hitch for signs of rust, cracks, bends, or other damage. Pay close attention to welds and mounting points.
- **Fastener Check:** Re-torque all mounting bolts annually or after significant towing, as vibrations can cause them to loosen over time.
- **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 between the ball and the trailer coupler.
- **Storage:** If the hitch is removable, store it in a dry place when not in use to prevent corrosion.

Troubleshooting

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

- **Loose Connections:** If you notice excessive play or rattling, check all mounting bolts and ensure they are torqued to specification. Inspect the hitch ball and coupler for proper engagement.
- **Unusual Noises:** Squeaking or grinding noises can indicate a lack of lubrication on the hitch ball or worn components. Inspect and lubricate as necessary. If noises persist, consult a professional.
- **Reduced Towing Performance:** Ensure the trailer load is balanced and within the vehicle and hitch's weight limits. Check tire pressure on both the vehicle and trailer.
- **Corrosion:** If rust appears, clean the affected area thoroughly and apply a rust-inhibiting primer and paint to prevent further spread.

Specifications

Feature	Detail
Brand	ACPS-ORIS
Model Number	029-441
Manufacturer	ACPS-ORIS
ASIN	B08Q449T7C
Finish Type	Powder Coated
Parcel Dimensions	104 x 30 x 24 cm
Item Weight	19 kg

Warranty and Support

Information regarding warranty coverage, terms, and customer support for the ACPS-ORIS 029-441 Towing Hitch is typically provided separately with the product or on the manufacturer's official website. Please refer to the documentation included with your purchase or visit the ACPS-ORIS official website for the most current details on warranty claims and technical assistance.

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