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ACPS-ORIS 042-441

ACPS-ORIS 042-441 Towing Hitch Instruction Manual

1. Introduction

This manual provides essential instructions for the safe and proper installation, operation, and maintenance of your ACPS-ORIS 042-441 Towing Hitch. Please read this manual thoroughly before attempting any installation or use. Retain this manual for future reference.

2. Safety Information

Your safety and the safety of others are paramount. Always observe the following safety precautions:

- **Professional Installation Recommended:** For optimal safety and performance, professional installation by a qualified technician is strongly recommended.
- **Vehicle Compatibility:** Ensure the ACPS-ORIS 042-441 Towing Hitch is compatible with your specific vehicle make, model, and year. Refer to your vehicle's owner's manual for towing capacity and requirements.
- **Weight Limits:** Never exceed the lowest weight rating of any component in your towing system, including the hitch, vehicle, or trailer.
- **Regular Inspection:** Before each towing operation, inspect the hitch, ball mount, and all fasteners for wear, damage, or looseness.
- **Proper Fastening:** Ensure all bolts and nuts are tightened to the manufacturer's specified torque settings. Re-check torque after the first 50 miles of towing and periodically thereafter.
- **Trailer Connection:** Always use safety chains and ensure all trailer lights are functional before towing.
- **Avoid Modifications:** Do not modify the towing hitch in any way. Unauthorized modifications can compromise its structural integrity and safety.

3. Package Contents

Verify that all components are present and undamaged upon receipt. The ACPS-ORIS 042-441 Towing Hitch package typically includes:

- Towing Hitch Receiver
- Ball Mount (if included)
- Hitch Pin and Clip
- Mounting Hardware (bolts, nuts, washers)
- Instruction Manual (this document)

Note: Specific components may vary. Refer to the packing list provided with your product.

4. Setup and Installation

Installation of the ACPS-ORIS 042-441 Towing Hitch requires mechanical aptitude and appropriate tools. If you are unsure about any step, consult a professional installer.

4.1 Pre-Installation Checks

- Read all instructions thoroughly before beginning.
- Ensure you have all necessary tools and safety equipment (e.g., safety glasses, gloves).
- Confirm the hitch is the correct model for your vehicle.
- Clean the vehicle's frame mounting points of any dirt or debris.

4.2 General Installation Steps

1. Position the hitch receiver against the vehicle's frame at the designated mounting points.
2. Align the mounting holes on the hitch with the corresponding holes on the vehicle frame.
3. Insert the specified bolts and washers through the aligned holes.
4. Secure with nuts, ensuring all hardware is correctly oriented.
5. Hand-tighten all fasteners to hold the hitch in place.
6. Using a torque wrench, tighten all bolts to the torque specifications provided in your vehicle's manual or the hitch's specific installation guide. It is critical to achieve proper torque to prevent loosening or damage.
7. Attach the ball mount (if separate) to the receiver using the hitch pin and clip.



This image displays the robust construction of the ACPS-ORIS 042-441 Towing Hitch, highlighting the ball mount and its attachment points to the receiver bar. The black finish and secure bolt connections are visible.

After installation, perform a final check to ensure all components are securely fastened and there is no interference with other vehicle parts.

5. Operating Instructions

Once the ACPS-ORIS 042-441 Towing Hitch is correctly installed, follow these guidelines for safe towing:

- **Connect Trailer:** Carefully back your vehicle to align with the trailer coupler. Lower the trailer coupler onto the hitch ball, ensuring it is fully seated and latched.
- **Secure Connection:** Insert the coupler pin or lock to prevent accidental detachment.
- **Safety Chains:** Cross the safety chains under the trailer tongue and attach them to the designated points on

the vehicle's hitch or frame. Ensure there is enough slack for turns but not so much that they drag on the ground.

- **Electrical Connection:** Connect the trailer's wiring harness to the vehicle's electrical connector. Test all trailer lights (running lights, brake lights, turn signals) before driving.
- **Load Distribution:** Distribute the trailer load properly to achieve the recommended tongue weight. Incorrect load distribution can lead to instability and loss of control.
- **Driving with a Trailer:** Drive cautiously, allowing for increased stopping distances and wider turns. Avoid sudden maneuvers.

6. Maintenance

Regular maintenance will ensure the longevity and safe operation of your towing hitch:

- **Inspect Before Each Use:** Check the hitch, ball mount, hitch ball, and all fasteners for signs of wear, corrosion, cracks, or damage.
- **Check Fasteners:** Periodically re-check the torque on all mounting bolts, especially after the first few towing trips.
- **Clean and Lubricate:** Keep the hitch ball clean and lightly lubricated with automotive grease to reduce wear on the coupler. Clean the receiver opening to prevent debris buildup.
- **Rust Prevention:** If the hitch has any exposed metal, consider applying a rust-inhibiting paint or coating, especially in corrosive environments.
- **Replace Damaged Parts:** Any damaged or excessively worn components must be replaced immediately with genuine ACPS-ORIS parts or equivalent.

7. Troubleshooting

If you encounter issues with your towing hitch, consider the following:

- **Loose Hitch:** Re-check all mounting bolts and ensure they are tightened to the correct torque specifications.
- **Unusual Noises (Clunking/Rattling):** Ensure the ball mount is securely seated in the receiver and the hitch pin is fully engaged. Check for excessive play in the receiver or ball mount.
- **Difficulty Attaching Trailer:** Ensure the hitch ball and coupler are clean and free of debris. Apply a thin layer of grease to the hitch ball.
- **Corrosion:** Clean any rust spots and apply a rust-inhibiting primer and paint. Consider using a hitch cover when not in use.

If problems persist or you suspect a structural issue, discontinue use and consult a professional.

8. Specifications

The following specifications apply to the ACPS-ORIS 042-441 Towing Hitch:

Feature	Detail
Model Number	042-441
Manufacturer	ACPS-ORIS
ASIN	B0C69W3DL4
Parcel Dimensions	110 x 25 x 20 cm

Feature	Detail
Item Weight	21.24 kg
Date First Available	Nov. 3 2023

Note: Towing capacities (Gross Trailer Weight and Tongue Weight) are dependent on your specific vehicle and ball mount. Always refer to your vehicle's owner's manual and the ball mount's ratings.

9. Warranty and Support

For information regarding warranty coverage, product support, or to purchase replacement parts, please contact ACPS-ORIS directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

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