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ACPS-ORIS 037-261

ACPS-ORIS 037-261 Tow Hitch Installation and User Manual

For Volkswagen Golf V (1K1) and Golf VI (5K1)

Brand: ACPS-ORIS | Model: 037-261

1. Introduction

This manual provides detailed instructions for the safe installation, operation, and maintenance of the ACPS-ORIS 037-261 tow hitch. This product is designed for specific Volkswagen Golf V (Type 1K1) and Golf VI (Type 5K1) models. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1.1: The ACPS-ORIS 037-261 tow hitch, fully assembled and ready for installation. This image shows the main beam, side mounting plates, and the tow ball assembly.

2. Safety Information

Always prioritize safety during installation and operation. Failure to follow these instructions may result in serious injury or damage to property.

- Ensure the vehicle is securely supported on a level surface before beginning installation.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Do not exceed the maximum towing capacity specified by your vehicle manufacturer or the tow hitch manufacturer. Refer to your vehicle's owner's manual.
- All bolts and fasteners must be tightened to the specified torque settings. Refer to the vehicle's service manual for specific torque values if not provided with the hitch.
- Regularly inspect the tow hitch for signs of wear, damage, or corrosion. Replace any damaged components immediately.
- Ensure all electrical connections for trailer lights are correctly installed and functioning before towing.

3. Package Contents

Verify that all components listed below are present and undamaged before proceeding with installation. If any parts are missing or damaged, contact ACPS-ORIS customer support.



Figure 3.1: All components of the ACPS-ORIS 037-261 tow hitch laid out. This includes the main crossbar, detachable tow ball, mounting brackets, electrical socket bracket, and various bolts, nuts, and washers.

- Main Crossbar Assembly
- Detachable Tow Ball Neck
- Tow Ball Mounting Plate
- Electrical Socket Mounting Bracket
- Fastener Kit (various bolts, nuts, washers)
- Protective Cap for Tow Ball

4. Installation Instructions

Installation of the ACPS-ORIS 037-261 tow hitch requires mechanical aptitude and specific tools. If you are unsure about any step, it is recommended to seek professional installation.

4.1. Preparation

1. Park the vehicle on a level, hard surface and engage the parking brake.
2. Disconnect the vehicle's battery to prevent accidental electrical shorts.
3. Remove any components obstructing access to the vehicle's chassis mounting points, such as the rear bumper, exhaust hangers, or underbody panels. Refer to your vehicle's service manual for specific removal procedures.

4.2. Mounting the Main Crossbar

4. Position the main crossbar assembly against the vehicle's chassis frame rails. Ensure the mounting holes align with the pre-drilled holes in the vehicle's frame.
5. Insert the provided bolts through the mounting holes from the outside of the frame, securing them with washers and nuts on the inside. Do not fully tighten at this stage.



Figure 4.1: A close-up view of one of the tow hitch mounting brackets, showing the robust construction and bolt holes for attachment to the vehicle's chassis.

6. Repeat for the other side, ensuring the crossbar is level and centered.



Figure 4.2: Detail of a side mounting plate, illustrating how it connects to the main crossbar and provides attachment points for the vehicle frame. Note the integrated nuts for secure fastening.

7. Once aligned, tighten all mounting bolts to the torque specifications provided in your vehicle's service manual or the tow hitch's specific instructions (if available).

4.3. Attaching the Tow Ball Assembly

7. Attach the tow ball mounting plate to the main crossbar using the designated bolts and nuts.
8. Secure the detachable tow ball neck to the mounting plate. Ensure it is fully seated and locked into position according to the specific locking mechanism of your tow ball.



Figure 4.3: The individual components for the tow ball assembly, including the tow ball neck, the multi-hole mounting plate, and various bolts and nuts required for secure attachment.

9. Install the electrical socket mounting bracket and connect the trailer wiring harness (sold separately) as per the wiring kit instructions.

4.4. Post-Installation Checks

10. Reinstall any removed vehicle components (bumper, exhaust, etc.).
11. Reconnect the vehicle's battery.
12. Perform a final check of all fasteners to ensure they are tight.
13. Test all trailer lights and brake functions with a compatible trailer or trailer light tester.

5. Operating Instructions

Proper operation of your tow hitch ensures safe towing.

- **Attaching a Trailer:** Ensure the tow ball is clean and free of grease. Lower the trailer coupling onto the tow ball until it locks securely. Verify the connection by attempting to lift the trailer coupling.
- **Safety Chain:** Always attach safety chains from the trailer to the designated attachment points on the tow hitch or vehicle frame.
- **Electrical Connection:** Connect the trailer's electrical plug to the vehicle's socket. Test all lights (tail, brake, turn signals) before driving.
- **Driving with a Trailer:** Drive cautiously, allowing for increased braking distances and wider turns. Avoid sudden maneuvers.
- **Detaching a Trailer:** Park on a level surface, engage the trailer's parking brake, and disconnect the electrical plug and safety chains before releasing the trailer coupling from the tow ball.



Figure 5.1: The protective cap for the tow ball, featuring the ORIS brand logo. This cap helps protect the tow ball from dirt, rust, and minor impacts when not in use.

6. Maintenance

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

- **Cleaning:** Keep the tow ball and all hitch components clean and free of dirt, rust, and debris.
- **Lubrication:** Lightly grease the tow ball surface before each use to reduce friction and wear on the trailer coupling.
- **Inspection:** Periodically inspect all bolts and nuts for tightness. Check for any signs of corrosion, cracks, or deformation on the hitch structure.
- **Storage:** If the tow ball is detachable, remove it when not in use and store it in a dry place. Use the protective cap (Figure 5.1) to cover the tow ball when not in use.

7. Troubleshooting

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

- **Loose Connection:** If the trailer coupling feels loose on the tow ball, ensure the coupling mechanism is fully engaged and locked. Inspect the tow ball for excessive wear.
- **Trailer Lights Not Working:** Check the electrical connection between the vehicle and trailer. Inspect fuses in both the vehicle and trailer. Verify all bulbs are functional.
- **Excessive Noise/Sway:** Ensure the trailer is properly loaded with adequate tongue weight. Check tire pressures on both the vehicle and trailer. Inspect the hitch for any loose components.
- **Difficulty Attaching/Detaching:** Ensure the tow ball and coupling are clean. Apply a thin layer of grease to the tow ball. Check for any obstructions or damage to the coupling mechanism.

8. Specifications

Feature	Specification
Brand	ACPS-ORIS
Model Number	037-261
Compatible Vehicles	Volkswagen Golf V (1K1), Volkswagen Golf VI (5K1)
Item Weight	14.1 Kilograms
Product Dimensions	105 x 52 x 28.5 cm
Manufacturer Reference	037-261

9. Warranty and Support

ACPS-ORIS products are manufactured to high-quality standards. For warranty information, technical support, or to report missing/damaged parts, please refer to the official ACPS-ORIS website or contact their customer service directly. Keep your purchase receipt as proof of purchase.
For further assistance, you may visit the ACPS-ORIS official website.

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