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› Westfalia 305384600001 Detachable Towbar for Audi A8 D4 User Manual

Westfalia 305384600001

Westfalia 305384600001 Detachable Towbar

Model: 305384600001

INTRODUCTION

This manual provides essential information for the safe and correct use of your Westfalia 305384600001 detachable towbar. This towbar is specifically designed for the Audi A8 D4 (models from March 2010 to October 2017). It offers a flexible transport solution for various applications, including bicycle carriers, horse trailers, and caravans. When the towball is detached, the system is designed to be nearly invisible, maintaining the vehicle's aesthetic.

SAFETY INFORMATION

- **Professional Installation:** Installation of this towbar requires specialized knowledge and tools. It is strongly recommended that installation be performed by a qualified workshop or professional technician to ensure proper fitment and safety.
- **Load Limits:** Adhere strictly to the specified towing capacity of 2200 kg and a support load of 100 kg. Never exceed these limits, as it can compromise vehicle stability and safety.
- **Vehicle Compatibility:** This towbar is designed for Audi A8 D4 (4H2, 4H8, 4HC, 4HL) models manufactured between March 2010 and October 2017. Do not attempt to install it on incompatible vehicles.
- **Regular Inspection:** Before each use, inspect the towbar for any signs of damage, wear, or loose connections. Ensure the towball is securely attached and locked.
- **Electrical Kit:** This product includes the mechanical towbar only and does not come with an electrical kit. A suitable electrical kit must be purchased and installed separately to ensure proper functioning of trailer lights and other electrical connections.

INCLUDED COMPONENTS

The package contains the following components:

- Westfalia Detachable Towbar (Model 305384600001)
- Mounting hardware (as supplied by manufacturer)
- Instruction manual



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Image: The image displays the main structural beam of the towbar and two detachable towball units. This illustrates the primary components included with the product.

SETUP AND INSTALLATION

The Westfalia 305384600001 towbar is designed for vehicle-specific fitment. Due to the complexity and safety-critical nature of towbar installation, professional installation is highly recommended. The installation process typically involves:

1. **Preparation:** Safely lift and support the vehicle. Remove necessary components from the rear of the vehicle, such as the bumper or trim, to access the chassis mounting points.
2. **Mounting the Main Beam:** Securely attach the main towbar beam to the designated chassis points using the provided hardware. Ensure all bolts are tightened to the manufacturer's specified torque settings.
3. **Bumper Modification (if necessary):** For this specific model, a bumper cutout is typically invisible, meaning no visible modification to the bumper is required after installation.
4. **Electrical Kit Installation (Separate):** If an electrical kit is being installed, follow its specific instructions for wiring and connection to the vehicle's electrical system.
5. **Final Assembly:** Reinstall any removed vehicle components.
6. **Initial Check:** Perform a thorough check of all connections and ensure the towbar is securely mounted and functions correctly before first use.

The towbar utilizes the A40V coupling system, known for its reliability and ease of use once installed.

OPERATION

The Westfalia detachable towbar allows for quick attachment and detachment of the towball, providing flexibility for towing needs while maintaining the vehicle's appearance when not in use.

Attaching the Towball

1. Ensure the towbar receiver is clean and free of debris.
2. Insert the towball unit into the receiver opening.
3. Push firmly until it clicks into place. A visual indicator (e.g., green marking) will confirm correct engagement.
4. Lock the towball unit with the key provided to prevent unauthorized removal. Remove the key.
5. Verify the towball is securely attached by attempting to pull it out without unlocking.

Detaching the Towball

1. Unlock the towball unit using the key.
2. Rotate the operating knob or lever as per the specific mechanism of the A40V system.
3. Remove the towball unit from the receiver.
4. Store the towball unit in a clean, dry place, preferably in its protective bag, to prevent damage and corrosion.

Using with Trailers and Carriers

Once the towball is securely attached, you can connect your trailer, bicycle carrier, or other towing accessories. Always ensure that the trailer's coupling mechanism is compatible with the towball and that all safety chains and electrical connections are properly secured.



Image: A vehicle equipped with a Westfalia bike rack, securely transporting two bicycles. This demonstrates the towbar's utility for recreational activities.



Image: An Audi SUV towing a horse trailer, illustrating the towbar's capability for heavier loads and specialized transport.

MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your Westfalia towbar.

- **Cleaning:** Regularly clean the towball and receiver mechanism, especially after driving in adverse weather conditions or on dirty roads. Use a mild detergent and water, then dry thoroughly.
- **Lubrication:** Periodically apply a thin layer of grease to the towball and the moving parts of the locking mechanism to ensure smooth operation and prevent corrosion. Refer to the specific instructions for the A40V system for recommended lubrication points.
- **Inspection:** Before each use, visually inspect the towbar for any signs of rust, cracks, deformation, or loose bolts. If any damage is observed, do not use the towbar and have it inspected by a professional.
- **Storage:** When the towball is detached, store it in a protective bag in a dry environment to prevent exposure to elements and potential damage.

TROUBLESHOOTING

If you encounter issues with your towbar, consider the following common troubleshooting steps:

- **Difficulty Attaching/Detaching:**
 - Ensure the mechanism is clean and lubricated.
 - Check for any obstructions in the receiver or on the towball unit.
 - Verify the key is fully inserted and turned correctly.
- **Unusual Noises During Towing:**
 - Check that the towball is securely locked and there is no play.

- Inspect the trailer coupling for wear or damage.
- Ensure the trailer's weight distribution is correct and within limits.

- **Corrosion:**

- Clean and lubricate regularly, especially in areas exposed to road salt or moisture.
- Store the detachable towball in a dry place when not in use.

For persistent issues or concerns about the structural integrity of the towbar, contact a qualified professional or Westfalia customer support.

SPECIFICATIONS

Model Number	305384600001
Brand	Westfalia
Vehicle Compatibility	Audi A8 D4 (4H2, 4H8, 4HC, 4HL), Model Years: March 2010 - October 2017
Towing Load Capacity	2200 kg (4846 lbs)
Support Load Capacity	100 kg
Coupling System	A40V
Bumper Cutout	Invisible
Material	Iron
Item Weight	23.4 kg
GTIN (Global Trade Item Number)	04250141176065

WARRANTY AND SUPPORT

This Westfalia towbar comes with a **2-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For technical support, spare parts, or warranty inquiries, please contact Westfalia-Automotive customer service. Contact details can typically be found on the official Westfalia-Automotive website or through your point of purchase.

Note: The EG-approval allows the towbar to be used throughout Europe without requiring an entry in the vehicle documents by the TÜV.