

Westfalia 305429600001

WESTFALIA Automotive 305429600001 Detachable Towbar User Manual

Model: 305429600001

1. PRODUCT OVERVIEW

The Westfalia Automotive 305429600001 is a detachable towbar designed for specific Audi A6 and A7 models. This towbar provides a flexible transport solution for various towing needs, such as bicycle carriers, horse trailers, or caravans. Its design allows for the towball to be easily removed when not in use, maintaining the vehicle's aesthetic appearance.

This product is manufactured in Germany and meets high-quality standards, ensuring reliable and safe operation when properly installed and used.

2. SAFETY INFORMATION

Always prioritize safety when installing, operating, or maintaining the towbar. Failure to follow safety instructions can result in serious injury or damage to property.

- **Professional Installation:** Installation of this towbar is recommended to be performed by a qualified specialist workshop to ensure correct fitting and compliance with all safety standards.
- **Load Limits:** Do not exceed the specified vertical load (100 kg) or towing capacity (2500 kg) of the towbar or your vehicle, whichever is lower. Overloading can lead to loss of control and structural damage.
- **Regular Inspection:** Before each use, inspect the towbar for any signs of damage, corrosion, or loose components. Do not use if any defects are found.
- **Secure Attachment:** Ensure the detachable towball is correctly and securely locked into place before towing. Refer to the operating instructions for proper attachment.
- **Electrical Connections:** If using electrical connections for trailers or bike carriers, ensure they are correctly wired and functioning before driving.
- **Driving with a Trailer:** Adjust your driving style when towing. Allow for longer braking distances, reduce speed, and be mindful of increased vehicle length and weight.

3. INSTALLATION

Installation of the Westfalia Automotive 305429600001 detachable towbar requires specialized tools and expertise. It is strongly recommended that installation be carried out by a qualified specialist workshop. Incorrect installation can compromise the safety and functionality of the towbar and may void warranties.

The towbar is designed for an invisible bumper cutout, meaning that once the towball is removed, the towbar mechanism is largely concealed behind the bumper.



Abbildung ähnlich

Figure 1: Illustration of the Westfalia detachable towbar components, showing the main beam and two towball mechanisms. This image demonstrates the general structure of the towbar system as it would be installed on a vehicle's chassis, with the towball mechanisms extending downwards.

This towbar is supplied with EC type-approval, allowing its use throughout Europe without requiring additional entry into vehicle documents by TÜV or similar inspection bodies, provided it is installed correctly.

4. OPERATING INSTRUCTIONS

4.1. Attaching the Detachable Towball

1. Ensure the towbar receiver is clean and free from debris.
2. Insert the detachable towball into the receiver mechanism.
3. Push firmly until you hear an audible click, indicating it is locked into place.
4. Verify the security indicator (usually a green marker) is visible, confirming correct engagement.
5. Lock the towball with the provided key to prevent theft and accidental detachment. Remove the key.

4.2. Detaching the Towball

1. Unlock the towball using the provided key.
2. Follow the specific release mechanism instructions (e.g., turn a knob, pull a lever) as detailed in the towbar's supplementary manual.
3. Remove the towball from the receiver.
4. Store the towball in a clean, dry place, preferably in its designated storage bag or compartment within the vehicle.



Figure 2: A vehicle equipped with a Westfalia bike rack, demonstrating the use of the towbar for transporting bicycles. The image shows two individuals resting beside the car, highlighting the convenience for leisure activities.



Figure 3: A blue car towing a white caravan, illustrating the towbar's capability for heavy-duty towing. The scene depicts travel on an open road, emphasizing the product's utility for recreational vehicles.

5. MAINTENANCE

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

- **Cleaning:** Keep the towball and receiver mechanism clean from dirt, sand, and road salt. Use a mild detergent and

water, then dry thoroughly.

- **Lubrication:** Periodically lubricate moving parts of the detachable mechanism with a suitable grease or spray, as recommended by Westfalia. This helps prevent corrosion and ensures smooth operation.
- **Corrosion Protection:** If the towbar is exposed to harsh weather conditions, consider applying a corrosion protection spray to exposed metal parts.
- **Storage:** When the detachable towball is not in use, store it in a dry, protected environment to prevent damage and corrosion.
- **Professional Check:** Have the towbar inspected by a specialist workshop at least once a year, or more frequently if used regularly for heavy towing.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your detachable towbar.

- **Towball difficult to attach/detach:**
 - Ensure the receiver and towball shaft are clean and free of debris.
 - Check if the locking mechanism is fully disengaged before attempting to attach/detach.
 - Apply a small amount of lubricant to the moving parts.
- **Security indicator not showing green:**
 - The towball is not fully engaged. Remove and re-insert, ensuring a firm push until a click is heard.
 - Do not attempt to tow if the green indicator is not visible.
- **Unusual noises during towing:**
 - Stop immediately and inspect the towbar, trailer coupling, and load.
 - Ensure all connections are secure and within load limits.
 - If noises persist, have the towbar inspected by a specialist.
- **Corrosion on towbar components:**
 - Clean the affected areas and apply a rust-inhibiting primer followed by a suitable paint or protective coating.
 - Regular cleaning and lubrication can prevent this.

For issues not covered here, or if problems persist, contact a qualified specialist workshop or Westfalia customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	305429600001
Brand	Westfalia Automotive
Towing Capacity (D-value)	2500 kg (5511.56 lbs)
Vertical Load (S-value)	100 kg
Item Weight	18.5 kg
Material	Iron
Surface Finish	Powder-coated

Feature	Specification
Coupling System	A40V (Detachable)
Bumper Cutout	Invisible
Approval	EC Type-Approval (no TÜV registration required)
Country of Origin	Germany

8. VEHICLE COMPATIBILITY

This Westfalia detachable towbar (Model 305429600001) is specifically designed for the following vehicle models:

- **Audi A6 Limousine (Type 4G):** Model years 03/2011 to 05/2018.
- **Audi A6 Avant (Type 4G):** Model years 09/2011 to 08/2018.
 - *Note:* Not suitable for RS models. Also compatible with Quattro and S-Line variants.
- **Audi A7 Sportback (Type 4G):** Model years 10/2010 to 01/2018.
 - *Note:* Also compatible with S-Line and S7 variants.

Ensure your vehicle's exact model and year fall within these specifications before attempting installation or use.

9. WARRANTY INFORMATION

The Westfalia Automotive 305429600001 Detachable Towbar comes with a **2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from improper installation, misuse, neglect, accidents, modifications, or normal wear and tear. For detailed warranty terms and conditions, please refer to the documentation provided with your product or contact Westfalia Automotive directly.

10. SUPPORT AND CONTACT

If you require further assistance, have questions regarding installation, operation, or warranty, please contact Westfalia Automotive customer support or your authorized dealer.

For the most up-to-date contact information, please visit the official Westfalia Automotive website: www.westfalia-automotive.com