

Westfalia 314515600001

Westfalia Detachable Towbar Instruction Manual

Model: 314515600001 for Opel Astra K Sports Tourer (SW) (03/2016-12/2021)

1. INTRODUCTION

This manual provides essential information for the safe and correct use of your Westfalia detachable towbar, model 314515600001. This towbar is specifically designed for the Opel Astra K Sports Tourer (SW) manufactured from March 2016 to December 2021, excluding vehicles equipped with a CVT gearbox. The Westfalia detachable towbar offers a flexible transport solution for various applications, including bicycle carriers, horse trailers, and caravans. When the towball is removed, the system remains largely invisible, preserving the vehicle's aesthetics.

2. SAFETY INFORMATION

- **Professional Installation:** It is strongly recommended that the towbar be installed by a qualified professional to ensure correct fitting and compliance with all safety standards.
- **Load Capacities:** Adhere strictly to the specified towing capacity of 1700 kg and a static vertical load (nose weight) of 75 kg. Exceeding these limits can compromise vehicle stability and safety.
- **Vehicle Manual:** Always consult your vehicle's owner's manual for specific towing guidelines and restrictions.
- **Regular Inspection:** Before each use, inspect the towbar for any signs of damage, wear, or loose components. Do not use if damage is observed.
- **CE Marking:** This towbar holds CE marking, indicating compliance with European safety, health, and environmental protection requirements. It can be used throughout Europe without additional registration in vehicle documents.

3. PRODUCT OVERVIEW

The Westfalia detachable towbar system (A40V) consists of a vehicle-specific mounting structure and a removable towball. The design allows for tool-free attachment and detachment of the towball, providing convenience and maintaining the vehicle's appearance when not in use.



Abbildung ähnlich

Image 3.1: Components of the Westfalia detachable towbar, showing the main beam and two towball units.

Key Features:

- **Detachable Towball:** Tool-free removal and attachment.
- **Vehicle-Specific Fit:** Engineered for Opel Astra K Sports Tourer (SW) (03/2016-12/2021).
- **High Quality:** Manufactured by Westfalia-Automotive, an OEM supplier.
- **Bumper Cut:** A visible bumper cut is required for installation.

4. SETUP (INSTALLATION)

The installation of the Westfalia detachable towbar involves specific vehicle modifications and requires specialized tools and expertise. For safety and proper function, installation must be performed by a qualified professional. This product does not include an electrical wiring kit, which must be purchased separately and installed by a professional if required for your towing application.



Image 4.1: An example of a Westfalia towbar installed on a vehicle, showing the discreet integration.

General Installation Considerations:

- **Bumper Modification:** A visible cut in the bumper is necessary for the towbar's receiver.
- **Vehicle-Specific Instructions:** The installer will follow detailed instructions provided with the towbar, specific to the Opel Astra K Sports Tourer.
- **Electrical Kit:** If towing requires lights or other electrical functions, a compatible electrical kit must be installed. This towbar package does not include the electrical kit.

5. OPERATING INSTRUCTIONS

5.1 Attaching the Towball

1. Ensure the towbar receiver is clean and free of debris.
2. Take the detachable towball and align it with the receiver mechanism.
3. Push the towball firmly upwards into the receiver until it clicks securely into place. A visual indicator (e.g., green mark) will confirm correct engagement.
4. Lock the towball using the provided key to prevent unauthorized removal. Remove the key.
5. Perform a pull test to ensure the towball is securely fastened before attaching any load.

5.2 Detaching the Towball

1. Ensure no load is attached to the towball.
2. Insert the key and unlock the mechanism.
3. Follow the specific release procedure for your A40V system (usually involves turning a knob or lever and pulling down the towball).

4. Once detached, store the towball in a clean, dry place, preferably in its designated storage bag or compartment.

5.3 Using with Accessories



Image 5.1: A bicycle carrier attached to a Westfalia towbar, demonstrating its use for recreational activities.



Image 5.2: A vehicle towing a horse trailer, illustrating the towbar's capability for heavier loads.



Image 5.3: A car towing a utility trailer at night, highlighting the towbar's versatility for various towing needs.

The Westfalia detachable towbar is suitable for various towing applications. When using bicycle carriers, trailers, or caravans, always ensure:

- The accessory is compatible with a standard 50mm towball.
- The total weight of the accessory and its load does not exceed the towbar's static load and towing capacity.
- All electrical connections (if applicable) are correctly made and functioning.
- The accessory is securely fastened to the towball according to its own instruction manual.

6. MAINTENANCE

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

- **Cleaning:** Regularly clean the towball and receiver mechanism, especially after exposure to dirt, salt, or harsh weather conditions. Use mild soap and water, then dry thoroughly.
- **Lubrication:** Apply a thin layer of grease to the towball surface before each use to reduce friction and wear on the trailer coupling. Consult the towbar's specific lubrication points in the detailed installation manual for the internal mechanism.
- **Inspection:** Periodically check all bolts and fasteners for tightness. Inspect the towbar structure for any signs of corrosion, cracks, or deformation. Pay close attention to the locking mechanism of the detachable towball.
- **Storage:** When the towball is detached, store it in a clean, dry environment, protected from elements and potential damage.

7. TROUBLESHOOTING

If you encounter issues with your Westfalia detachable towbar, consider the following:

- **Difficulty Attaching/Detaching:** Ensure the mechanism is clean and lubricated. Check if the key is fully inserted and turned correctly. Do not force the mechanism.
- **Loose Fit/Rattling:** If the towball feels loose or rattles after attachment, it may not be correctly engaged. Detach and re-attach, ensuring the locking indicator shows correct engagement. If the issue persists, discontinue use and have it inspected by a professional.
- **Visible Damage:** Any visible cracks, bends, or severe corrosion on the towbar or towball unit indicates a safety risk. Do not use the towbar and seek immediate professional inspection and repair or replacement.
- **Electrical Problems:** If you experience issues with trailer lights or other electrical functions, check the electrical kit's connections and fuses. This is separate from the mechanical towbar.

For any issues that cannot be resolved with these steps, contact a qualified automotive technician or Westfalia-Automotive customer support.

8. SPECIFICATIONS

Specification	Detail
Manufacturer	Westfalia-Automotive
Model Number	314515600001
Towbar Type	Detachable (A40V system)
Towing Capacity	1700 kg (3748 lbs)
Static Vertical Load (Nose Weight)	75 kg
Vehicle Compatibility	Opel Astra K Sports Tourer (SW) (03/2016 - 12/2021)
Exclusions	Vehicles with CVT gearbox
Bumper Cut	Visible
Item Weight	20 Kilograms
Product Dimensions (L x W x H)	115 x 45 x 15 cm
Material	Metal
Finish Type	Powder coating
Country of Origin	Germany
Homologation	CE Marked (European approval)

9. WARRANTY AND SUPPORT

Westfalia-Automotive products are known for their quality and reliability. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Westfalia-Automotive website. For technical support, spare parts, or any inquiries regarding your towbar, please contact Westfalia-Automotive customer service or your authorized dealer. It is recommended to keep your proof of purchase and the installation documentation for warranty purposes.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question