

## Brink 674700

# BRINK 674700 Detachable Tow Hitch Instruction Manual

For KIA Proceed (CD)

## 1. INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of your BRINK 674700 detachable tow hitch. Please read these instructions thoroughly before attempting any installation or use. Proper installation by a qualified professional is highly recommended to ensure safety and compliance with local regulations.

## 2. PRODUCT OVERVIEW

The BRINK 674700 is a high-quality, vertically detachable tow hitch designed for specific vehicle models. It features a robust construction and a detachable ball joint for convenience when not in use. This tow hitch is engineered to meet stringent safety and performance standards.

### Key Features:

- Vertically detachable ball joint for discreet appearance when not towing.
- Designed for specific vehicle compatibility.
- High towing capacity and vertical load rating.

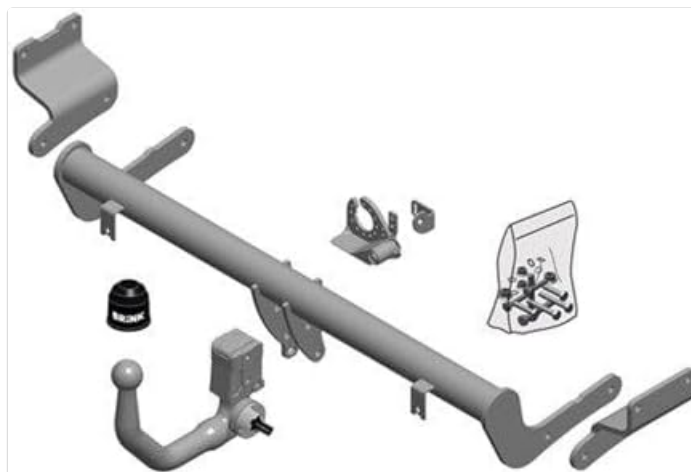


Figure 1: Exploded view showing the main components of the BRINK 674700 tow hitch, including the main beam, detachable ball joint, and mounting hardware.

### 3. VEHICLE COMPATIBILITY

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The BRINK 674700 tow hitch is specifically designed for the following vehicle models:

- **KIA Proceed (CD)**
  - 1.5 T-GDI Eco-Dynamics+ (2021) (1482 ccm, 118 KW, 160 PS)
  - 1.5 T-GDI (2021) (1482 ccm, 118 KW, 160 PS)
  - 1.6 CRDi 136 Eco-Dynamics+ (2019) (1598 ccm, 100 KW, 136 PS)
  - 1.6 T-GDI (2018) (1591 ccm, 147 KW, 200 PS)
  - 1.6 T-GDI GT (2018) (1591 ccm, 150 KW, 204 PS)
  - 1.6 CRDi 136 (2018) (1598 ccm, 100 KW, 136 PS)
  - 1.4 T-GDI (2018) (1353 ccm, 103 KW, 140 PS)
  - 1.0 T-GDI (2018) (998 ccm, 88 KW, 120 PS)
- **KIA PROCEED (CD)**
  - 1.0 T-GDI (998 ccm)
  - 1.5 T-GDI MHEV (1482 ccm)
  - 1.5 T-GDI (1482 ccm)

Always verify compatibility with your specific vehicle model and year before installation.

### 4. COMPONENTS INCLUDED

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The BRINK 674700 tow hitch package typically includes the following items:

- BRINK 674700 Tow Hitch Main Beam
- Detachable Ball Joint with locking mechanism
- Mounting Brackets (vehicle-specific)
- Fasteners (bolts, nuts, washers)
- Protective Cap for the receiver
- Keys for the locking mechanism (if applicable)



Figure 2: Close-up view of the BRINK detachable tow ball, showing the locking mechanism and ergonomic design.

### 5. SETUP AND INSTALLATION

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**WARNING: Installation of a tow hitch requires specialized tools and technical knowledge. Incorrect installation can lead to serious accidents, property damage, or injury. It is strongly recommended that installation be performed by a qualified mechanic or an authorized BRINK service center.**

General steps for installation (refer to the detailed vehicle-specific instructions provided with the product for precise steps):

1. **Preparation:** Ensure the vehicle is on a level surface, engine off, and parking brake engaged. Disconnect the battery if required by vehicle-specific instructions.
2. **Access:** Depending on the vehicle, it may be necessary to remove parts of the bumper, trim, or exhaust system to gain access to the chassis mounting points.
3. **Mounting:** Position the tow hitch main beam and secure it to the vehicle's chassis using the provided fasteners. Ensure all bolts are tightened to the specified torque settings.
4. **Electrical Connection:** Install the appropriate wiring harness for trailer lights (sold separately) according to the vehicle manufacturer's instructions.
5. **Reassembly:** Reinstall any removed vehicle components.
6. **Final Check:** Verify all connections are secure and the tow hitch is properly mounted. Test the electrical connections.

## 6. OPERATING INSTRUCTIONS

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### 6.1 Attaching the Detachable Ball Joint

1. Ensure the receiver is clean and free of debris.
2. Insert the detachable ball joint into the receiver opening.
3. Push firmly until it clicks into place. The locking mechanism should engage automatically.
4. Verify the secure attachment by pulling on the ball joint. It should not move or detach.
5. Lock the mechanism with the key (if applicable) and remove the key.

### 6.2 Detaching the Ball Joint

1. Unlock the mechanism with the key (if applicable).
2. Follow the specific instructions for your ball joint type to release the locking mechanism (e.g., turn a knob, pull a lever).
3. Pull the ball joint out of the receiver.
4. Place the protective cap over the receiver opening to prevent dirt ingress.

### 6.3 Towing Guidelines

- Never exceed the maximum towing capacity or vertical load specified for the tow hitch or your vehicle (whichever is lower).
- Ensure the trailer is correctly coupled and secured.
- Check trailer lights and brakes before each journey.
- Adjust driving style when towing, allowing for longer braking distances and wider turns.

## 7. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your tow hitch:

- **Cleaning:** Keep the tow hitch and especially the receiver mechanism clean and free of dirt, sand, and road salt.
- **Lubrication:** Periodically lubricate moving parts of the detachable mechanism with a suitable grease

or spray, as recommended by BRINK.

- **Inspection:** Regularly inspect the tow hitch for any signs of damage, corrosion, cracks, or loose fasteners. Tighten any loose bolts to the correct torque.
- **Protective Cap:** Always use the protective cap on the receiver when the ball joint is detached to prevent contamination.
- **Storage:** Store the detachable ball joint in a clean, dry place when not in use.

## 8. TROUBLESHOOTING

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

- **Ball Joint Not Attaching/Detaching:** Ensure the mechanism is clean and lubricated. Check for any obstructions. Verify you are using the correct key and operating the release mechanism correctly.
- **Unusual Noises During Towing:** Check all fasteners for tightness. Inspect the tow hitch and trailer coupling for wear or damage.
- **Electrical Issues:** If trailer lights are not working, check the vehicle's fuse box, the trailer's wiring, and the tow hitch's electrical connection.

For persistent problems, consult a qualified mechanic or BRINK customer support.

## 9. SPECIFICATIONS

Specification	Value
Brand	Brink
Model Number	674700
Mass Remolcable (Towing Capacity)	1500 kg
Carga Vertical (Vertical Load)	75 kg
D-Value	8.41 kN
Product Weight	23.62 kg
Homologation	55R
Color	Black
Vehicle Service Type	Vehicle Specific
Vehicle Fit Type	Vehicle Specific Fit

## 10. SAFETY INFORMATION

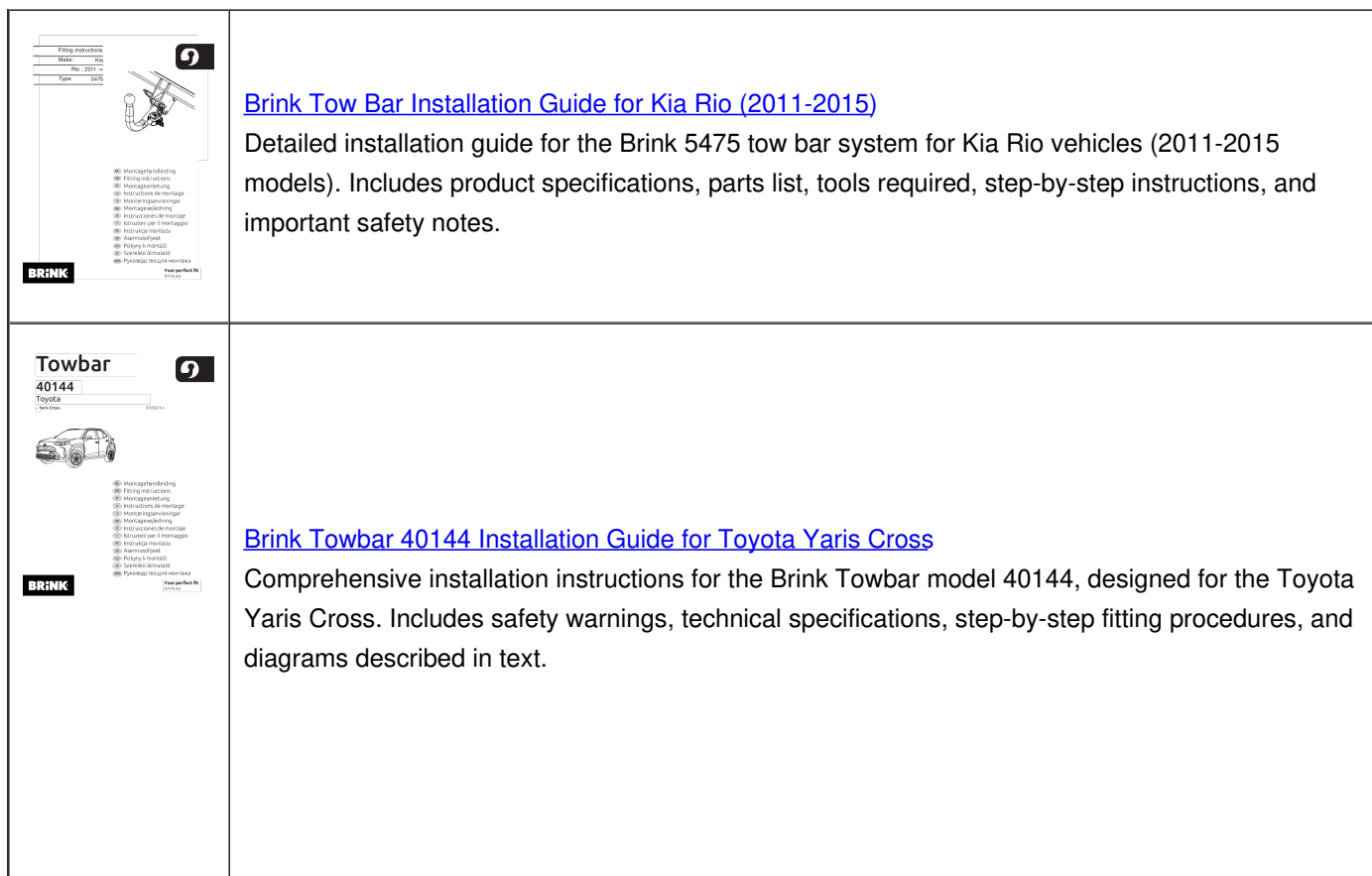
- Always adhere to the maximum towing capacities of both the tow hitch and your vehicle.
- Ensure the tow ball is clean and free of grease before coupling a trailer, unless specified otherwise for certain coupling types.
- Regularly check the condition of the tow hitch, including all bolts and the detachable mechanism.
- Never modify the tow hitch. Any modifications can compromise its structural integrity and safety.
- Be aware of increased vehicle length and weight when towing, especially when maneuvering and

## 11. WARRANTY AND SUPPORT

For technical support, spare parts, or warranty claims, please contact your BRINK dealer or the BRINK customer service department. When contacting support, please have your product model number (674700) and purchase details readily available.

## Related Documents - 674700

	<p><a href="#">Brink Towbar 6489 Installation Guide for Kia Sorento (2015+)</a></p> <p>Comprehensive installation instructions for the Brink Towbar model 6489, designed for the Kia Sorento from 2015 onwards. Includes parts list, assembly steps, and important safety information.</p>
	<p><a href="#">Brink Towbar 6661 Fitting Instructions for Audi, VW, Seat, Cupra, Skoda</a></p> <p>Comprehensive fitting instructions for the Brink Towbar model 6661 (Art. nr. 6661, Product 6240). Compatible with Audi Q3, VW Tiguan, Seat Ateca, Cupra Formentor, Skoda Karoq, and other VAG models. Includes technical specifications, torque values, bumper cutout details, and multilingual guidance.</p>
	<p><a href="#">Brink Towbar 40219 Fitting Instructions</a></p> <p>Comprehensive fitting instructions for the Brink 40219 towbar, designed for Renault, Opel, Vauxhall, Fiat, and Nissan vehicles. This guide provides detailed steps, safety warnings, technical specifications, and torque values for proper installation.</p>
	<p><a href="#">Brink Towbar 6695 Fitting Instructions for Peugeot, Opel, Vauxhall, Citroën</a></p> <p>Comprehensive fitting instructions for the Brink Towbar model 6695, compatible with Peugeot 3008, Opel Grandland X, and Citroën C5 Aircross. Includes safety warnings, installation steps, torque specifications, and technical details.</p>



Documents - Brink – 674700

no relevant documents