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› KÖNIG K-Summit K11 Snow Chains Instruction Manual

## KÖNIG K11

# KÖNIG K-Summit K11 Snow Chains Instruction Manual

Model: K11 (Manufacturer Part Number: 2004505711)

## INTRODUCTION

This manual provides essential instructions for the proper installation, operation, and maintenance of your KÖNIG K-Summit K11 Snow Chains. Designed for passenger cars with limited clearance, these external snow chains offer enhanced traction on snow and ice. Please read this manual thoroughly before use to ensure safe and effective operation.

## PRODUCT OVERVIEW

The KÖNIG K-Summit K11 snow chains feature an innovative design for easy fitting and reliable performance. Key features include:

- External chain system for vehicles with limited internal wheel clearance.
- Foldable arms for compact storage in the provided smart bag.
- Innovative ratchet system for effortless fitting and tensioning.
- Tensioning springs to reduce dynamic elevation and ensure a perfect fit across various tire sizes.
- Tread chain composed of special injection-moulded plastic plates with hard metal studs and special steel chain for superior grip.
- Welded bars for improved performance on ice and snow.



Figure 1: KÖNIG K-Summit K11 Snow Chain installed on a vehicle tire, showcasing its external mounting system.



Figure 2: Front view of the KÖNIG K-Summit K11 Snow Chain, highlighting the central attachment mechanism.



Figure 3: Close-up view of the KÖNIG K-Summit K11 chain links and injection-moulded plastic plates.

## SETUP AND INSTALLATION

The KÖNIG K-Summit K11 snow chains are designed for quick and easy installation without requiring the vehicle to be moved. Follow these steps carefully:

1. **Preparation:** Ensure your vehicle is safely parked on a level surface. Identify the drive wheels (front or rear, as per your vehicle's manual) where the chains will be installed.
2. **Unfold and Position:** Unfold the snow chain and position it around the top of the tire. The central attachment point should align with the center of the wheel.
3. **Connect Top Links:** Connect the two ends of the chain at the top of the tire, ensuring they are securely fastened. This forms the initial loop around the tire tread.



Figure 4: Detail of the chain links and plastic plates on the tire tread during installation.

4. **Attach to Wheel Nut:** The K-Summit K11 attaches to one of the original lug nuts/bolts of your wheel. Select a lug nut (avoiding anti-theft nuts) and securely fasten the central attachment mechanism to it. This system ensures no contact with alloy rims.
5. **Tensioning:** Engage the innovative ratchet system. This system acts as a force multiplier, allowing for effortless tensioning of the chain. Pull the tensioning strap until the chain is snug against the tire. The tensioning springs will help maintain optimal fit.
6. **Final Check:** After installation, drive a short distance (approximately 10-20 meters) at a low speed, then stop and re-check the tension of the chains. Re-tension if necessary.

**Important Note:**

- The K-Summit K11 is designed for vehicles with "no clearance behind the wheel."
- Always refer to your vehicle's owner's manual for specific recommendations regarding snow chain use.

### Installation Video Guide

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Video 1: This video demonstrates the general step-by-step installation process for KÖNIG snow chains, including positioning, connecting, and tensioning the chains on a vehicle tire. While featuring a different KÖNIG model (CB-12), the installation principles are similar.

## OPERATING INSTRUCTIONS

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Once properly installed, your KÖNIG K-Summit K11 snow chains will provide enhanced traction. Observe the following guidelines for safe operation:

- **Speed Limit:** Do not exceed the maximum speed recommended by the snow chain manufacturer (typically 30 mph or 50 km/h) or your vehicle manufacturer, whichever is lower.
- **Driving Conditions:** Drive cautiously and smoothly. Avoid sudden acceleration, braking, or sharp turns, as this can damage the chains or lead to loss of control.
- **Road Surface:** Use snow chains only on snow-covered or icy roads. Driving on bare pavement can cause rapid wear to the chains and damage to your tires and vehicle.
- **Off-Road Use:** These snow chains are explicitly **not for off-road use**.
- **Removal:** Remove the snow chains as soon as you reach clear road conditions.

## MAINTENANCE AND STORAGE

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Proper maintenance and storage will extend the lifespan of your KÖNIG K-Summit K11 snow chains:

- **Cleaning:** After each use, thoroughly clean the chains with fresh water to remove salt, dirt, and debris.
- **Drying:** Dry the chains completely before storing them to prevent rust.
- **Inspection:** Regularly inspect the chains for any signs of wear, damage, or broken links. Replace damaged components or the entire set if necessary.
- **Storage:** Store the clean, dry chains in their original smart bag in a cool, dry place, away from direct sunlight and chemicals.



Figure 5: The KÖNIG K-Summit K11 smart storage bag, designed for easy transport and protection of the snow chains.

## TROUBLESHOOTING

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If you encounter issues with your KÖNIG K-Summit K11 snow chains, consider the following:

- **Chains Not Fitting:**
  - Ensure you have the correct K-Summit model for your tire size. Refer to the tire size compatibility chart.

- Verify that the central attachment is correctly secured to a standard lug nut/bolt, not an anti-theft one.
- Confirm that the chain is fully unfolded and positioned correctly around the tire before attempting to tension.

- **Chains Loosening During Use:**

- Re-tension the chains after driving a short distance (10-20 meters) as instructed in the setup section.
- Ensure the ratchet system is fully engaged and locked.
- Inspect for any damage to the tensioning springs or chain links that might prevent proper tension.

- **Unusual Noise or Vibration:**

- Stop immediately and inspect the chains for proper fit and any damage.
- Ensure no part of the chain is rubbing against the vehicle's body or suspension components.
- Verify that the chains are evenly distributed on both drive wheels.

## SPECIFICATIONS

Feature	Detail
Brand	KÖNIG
Model	K-Summit K11
Manufacturer Part Number	2004505711
Material	Plastic (injection-moulded plates), Special Steel Chain
Item Weight	7.1 Kilograms (approx. 15.62 pounds)
Vehicle Service Type	Car
Homologations/Certifications	Ö-Norm 5117, UNI 11313, TÜV

Chaîne N°	Pneumatiques Compatibles							König K-Summit		
	13"	14"	15"	16"	17"	18"	19"	20"	21"	22"
K11	175/75, 185/70, 195/65, 205/65, 215/60,	185/65, 195/60, 215/55,	175/60, 185/55, 195/55, 205/50, 215/50, 225/45, 235/45,	185/50, 205/45, 225/40, 255/35,	195/40, 205/40, 225/35,	225/30				
K12	175/80, 185/75, 195/70, 225/60, 235/60,	175/70, 195/65, 205/60, 215/60, 225/55,	175/65, 185/60, 205/55, 225/50, 245/45, 255/45, 285/40,	175/55, 185/55, 195/50, 205/50, 215/45, 225/45, 245/40, 255/40,	195/45, 215/40, 225/40, 205/50, 245/35, 255/35,	195/40, 215/35, 255/30,	215/30			
K22	185/80, 195/75, 205/70,	175/75, 185/70, 195/70, 205/65, 225/60,	175/70, 185/65, 195/60, 205/60, 215/55, 225/55, 235/50, 245/50, 265/45, 275/45,	175/60, 185/60, 195/55, 215/50, 235/45, 245/45, 265/40, 275/40,	175/55, 205/45, 215/45, 235/40, 265/35, 275/35,	205/40, 225/35, 235/35, 245/35, 265/30, 285/30,	225/30, 235/30			
K23	195/80, 205/75,	175/80, 185/75, 205/70, 215/65, 235/60,	175/75, 185/70, 195/65, 215/60, 235/55,	195/60, 205/55, 215/55, 225/50, 235/50, 255/45,	205/50, 225/45, 235/45, 245/40, 255/40, 265/40,	205/45, 215/40, 225/40, 255/35, 265/35, 295/30,	215/35, 225/35, 245/30, 255/30, 265/30,	225/30, 255/25, 265/25		
K33	205/80,	185/80, 195/75, 215/70, 245/60,	185/75, 195/70, 205/65, 225/60, 265/50, 275/50,	175/70, 185/65, 205/60, 225/55, 245/50,	185/60, 195/55, 205/55, 215/50, 225/50, 245/45, 275/40,	195/50, 215/45, 235/40, 245/40, 275/35, 285/35,	215/40, 235/35, 235/40, 275/30, 285/30,	235/30, 245/30, 275/25, 285/25, 295/25		
K34		195/80, 205/75, 225/70, 265/60,	175/80, 195/75, 205/70, 215/65, 225/65, 235/60, 285/50,	175/75, 195/65, 205/65, 215/60, 235/55, 255/50, 265/50,	175/65, 185/65, 195/60, 215/55, 235/50, 255/45, 265/45, 285/40, 295/40,	175/60, 195/55, 215/50, 225/45, 235/45, 255/40, 265/40, 295/35,	205/45, 225/40, 235/40, 255/35, 265/35, 295/30,	205/40, 225/35, 235/35, 255/30, 265/30, 275/30,	235/30, 275/25	
K44		205/80, 215/75, 235/70,	185/80, 205/75, 215/70, 245/60, 255/60, 275/55, 295/50,	175/80, 185/75, 195/70, 215/65, 225/60, 235/60, 245/55, 255/55,	205/60, 215/60, 225/55, 245/50, 255/50, 275/45,	205/55, 225/50, 245/45, 255/45, 275/40, 285/40,	195/50, 205/50, 215/45, 225/45, 245/40, 255/40, 275/35, 285/35, 295/35,	225/40, 245/35, 255/35, 285/30, 295/30,	245/30, 255/30, 295/25	
K45		215/80, 225/75,	195/80, 215/75, 225/70,	195/75, 205/70, 225/65, 245/60, 295/50,	185/70, 205/65, 225/60, 235/55, 245/55,	195/60, 205/60, 215/55, 225/55, no Michelin e no Continental, 235/50, 245/50, 265/45, 275/45, 295/40,	195/55, 215/50, 235/45, 245/45, 265/40, 275/40,	195/50, 215/45, 235/40, 245/40, 265/35, 275/35,	245/35, 265/30, 275/30, 285/30,	245/30, 275/25, 285/25

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Figure 6: KÖNIG K-Summit tire size compatibility chart. Please consult this chart to ensure the correct fit for your vehicle's tires.



Figure 7: Certification logos for Ö-Norm 5117 and UNI 11313, indicating compliance with European standards for snow chains.

## WARRANTY AND SUPPORT

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KÖNIG K-Summit K11 Snow Chains typically come with a 5-year warranty. For specific warranty terms, claims, or technical support, please contact KÖNIG customer service directly or refer to the warranty information provided with your product packaging.



Figure 8: The 5-year warranty emblem for KÖNIG products.