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› NORDRIVE N10040 Kargo-Plus Aluminium Roof Bar Instruction Manual

NORDRIVE N10040

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Model: N10040 | Brand: NORDRIVE

1. INTRODUCTION

Thank you for choosing the NORDRIVE N10040 Kargo-Plus Aluminium Roof Bar. This product is designed to provide a secure and versatile solution for transporting additional cargo on your vehicle's roof. Constructed from anodized aluminium, it features a robust design with integrated T-slot channels for easy accessory attachment. Please read this manual carefully before installation and use to ensure safe and correct operation.

Safety Warning: Always ensure the roof bar and any attached accessories are securely fastened before driving. Do not exceed the maximum load capacity of 75 kg. Regularly check all fittings for tightness.

2. PRODUCT OVERVIEW

The NORDRIVE N10040 Kargo-Plus is a high-quality aluminium roof bar, 150 cm in length, engineered for durability and functionality. It features three integrated T-slot channels, allowing for the quick and secure attachment of various roof rack accessories such as bike carriers, ski carriers, or roof boxes, using unified T-connectors.



Figure 2.1: Overview of the NORDRIVE N10040 Kargo-Plus Aluminium Roof Bar.

The anodized aluminium construction provides excellent corrosion resistance and a sleek appearance, suitable for a wide range of vehicles. The bar is designed for universal fitment with a Power Grip mounting system.



Figure 2.2: Detailed view of the aluminium bar profile, highlighting the T-slot channels.

3. SETUP AND INSTALLATION

The NORDRIVE N10040 roof bar utilizes a Power Grip mounting system for secure attachment to your vehicle's

roof. Installation should be performed carefully, following these general steps:

1. **Unpack Components:** Carefully remove all parts from the packaging and verify that all components are present according to the packing list.
2. **Identify Mounting Points:** Locate the designated mounting points on your vehicle's roof. Refer to your vehicle's owner's manual for specific instructions regarding roof rack compatibility and mounting locations.
3. **Assemble Feet to Bars:** Attach the Power Grip mounting feet to the aluminium bars. Ensure they are correctly oriented and securely fastened, but do not fully tighten yet.
4. **Position on Vehicle:** Place the assembled roof bars onto the vehicle's roof, aligning the mounting feet with the designated attachment points. Ensure the bars are parallel and evenly spaced.
5. **Secure the System:** Using the provided tools, tighten the Power Grip mechanism according to the instructions included with the mounting feet (sold separately or as part of a complete kit). Ensure a firm and secure fit. Do not overtighten.
6. **Final Check:** After installation, gently pull and push on the roof bars to confirm they are securely attached and do not move. Drive a short distance and re-check the tightness of all fasteners.



Figure 3.1: The NORDRIVE N10040 Kargo-Plus Roof Bar securely mounted on a vehicle's roof.



Figure 3.2: Another perspective of the roof bar installation, showing the secure fitment.

4. OPERATING INSTRUCTIONS

Once installed, the NORDRIVE N10040 Kargo-Plus roof bar is ready for use with compatible accessories.

- **Accessory Attachment:** Utilize the three T-slot channels along the top of the bar to attach various accessories. Slide the T-connectors of your accessories into the channels and secure them according to the accessory's specific instructions.
- **Load Capacity:** The maximum load capacity for a single NORDRIVE N10040 roof bar is 75 kg. This includes the weight of the roof bar itself, any accessories, and the cargo. Always distribute the load evenly across the bars and ensure it is securely fastened to prevent shifting during transit.
- **Driving with Load:** When carrying cargo on your roof, be aware of changes in vehicle handling, especially when braking, cornering, or in windy conditions. Reduce speed and allow for increased stopping distances.
- **Height Clearance:** Be mindful of the increased height of your vehicle when the roof bar and cargo are installed. This is particularly important when entering garages, car washes, or low-clearance areas.

5. MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your NORDRIVE N10040 roof bar.

- **Cleaning:** Clean the aluminium bars and mounting feet regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish. Rinse thoroughly and dry.
- **Inspection:** Periodically inspect all components for signs of wear, damage, or corrosion. Check the integrity of the aluminium bars, the mounting feet, and all fasteners. Replace any damaged parts immediately.
- **Fastener Check:** Before each use, and especially after driving on rough roads, check that all mounting bolts and fasteners are securely tightened.
- **Storage:** If the roof bar is not in use for an extended period, it is recommended to remove it from the vehicle and store it in a dry, protected area to prolong its lifespan.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

- **Whistling Noise During Driving:** This can often be caused by air flowing over open T-slots or gaps. Ensure all T-slot channels are covered with the provided rubber strips or end caps. Check for any loose components that might vibrate.
- **Roof Bar Feels Loose:** Re-check all mounting points and fasteners. Ensure they are tightened according to the installation instructions. If the issue persists, consult a professional installer.
- **Difficulty Attaching Accessories:** Ensure you are using accessories with compatible T-connectors designed for T-slot channels. Check that the T-slots are clear of debris.
- **Damage to Components:** If any part of the roof bar system is damaged, do not use it. Contact customer support for replacement parts or professional advice.

7. SPECIFICATIONS

Feature	Specification
Model Number	N10040
Material	Anodized Aluminium
Length	150 cm
Bar Width	54 mm
Bar Height	39 mm
Maximum Load Capacity	75 kg

Feature	Specification
Mounting Type	Power Grip (Universal Fit)
Number of T-Channels	3

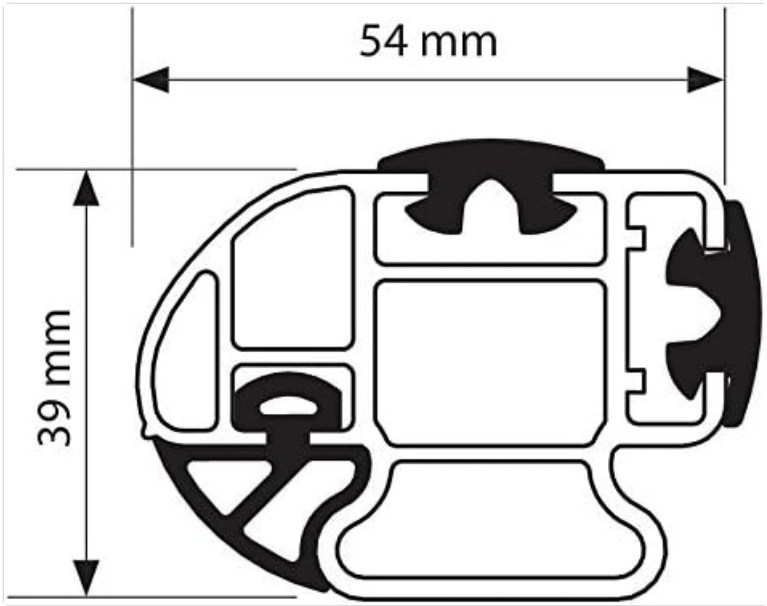


Figure 7.1: Technical drawing illustrating the cross-sectional dimensions of the roof bar (54mm width, 39mm height).

8. WARRANTY INFORMATION

NORDRIVE products are manufactured to high-quality standards. This product is covered by a limited warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for any warranty claims. For detailed warranty information, please refer to the documentation provided at the time of purchase or contact your retailer.

9. SUPPORT INFORMATION

If you have any questions regarding the installation, operation, or maintenance of your NORDRIVE N10040 Kargo-Plus Aluminium Roof Bar, please contact your authorized NORDRIVE dealer or the retailer from whom you purchased the product. You may also visit the official NORDRIVE website for additional resources and contact information.

