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NORDRIVE N15079

NORDRIVE N15079 Silenzio Black Aluminum Roof Rack User Manual

1. Introduction

Thank you for choosing the NORDRIVE N15079 Silenzio Black Aluminum Roof Rack. This manual provides essential information for the safe and correct installation, operation, and maintenance of your new roof rack system. Please read this manual thoroughly before installation and keep it for future reference.

The NORDRIVE Silenzio Black roof rack features a stable, powder-coated aluminum alloy profile designed for aerodynamic efficiency and reduced noise. It incorporates a "T" quick-coupling system for accessories and a patented "Press-To-Open" (PTO) system for easy access to the T-slot.

2. Product Features

- **Stable Aluminum Profile:** Constructed from powder-coated aluminum alloy for durability and corrosion resistance.
- **Integrated T-Slot:** Upper groove designed for quick coupling of various roof rack accessories.
- **Aerodynamic Design:** Features a rubber front profile to minimize air current resonance, enhancing aerodynamic performance and reducing wind noise.
- **PTO (Press-To-Open) System:** Patented mechanism allows for easy insertion of T-slot connections without needing to remove the end terminal.
- **Groove Sealing:** Includes a rubber profile to seal the upper groove after accessory installation, protecting against debris and reducing noise.
- **Easy Foot Connection:** A bottom groove facilitates hidden insertion and sliding of the foot connections, aided by a positioning scale for precise and quick assembly.

3. Setup and Installation

Before beginning installation, ensure you have all components and that the roof rack is compatible with your vehicle. Refer to your vehicle's owner's manual for specific roof load limits and mounting points.

3.1. Compatibility Check

This roof rack is designed for vehicle-specific fitment. Verify compatibility with your car model and year. A partial compatibility list is often provided by the manufacturer; consult the manufacturer's website or your seller for definitive information.

3.2. Component Identification

Familiarize yourself with the roof bar profiles, end caps, foot connections, and any included mounting hardware. The roof bars feature an upper T-slot for accessories and a lower groove for attaching the vehicle-specific foot connections.



Figure 1: Detail of the NORDRIVE Silenzio roof bar showing the end cap and the T-slot opening with a T-bolt. The patented PTO (Press-To-Open) system allows easy access to the T-slot for accessory mounting.

3.3. Installation Steps (General Guidelines)

1. **Prepare Vehicle:** Ensure the vehicle roof is clean and dry at the mounting points.
2. **Assemble Foot Connections:** Attach the vehicle-specific foot connections to the bottom groove of each roof bar. Use the integrated positioning scale for accurate placement according to your vehicle's specifications.
3. **Position Roof Bars:** Carefully place the assembled roof bars onto the designated mounting points on your vehicle's roof. Ensure they are correctly oriented (front and rear bars).
4. **Secure to Vehicle:** Tighten the foot connections securely to the vehicle's roof according to the specific instructions provided with your foot kit. Do not overtighten.
5. **Install Accessories (Optional):** To install accessories using the T-slot, press the PTO system to open the rubber profile in the upper groove. Slide the T-slot bolts of your accessories into the channel and secure them. After installation, ensure the rubber profile is properly seated to seal the groove.
6. **Final Check:** Before driving, gently pull on each roof bar to ensure it is firmly attached. Check all fasteners after the first few kilometers of driving and periodically thereafter.



Figure 2: The NORDRIVE Silenzio Black roof rack system securely installed on a vehicle, demonstrating its low-profile and integrated appearance.

4. Operating Guidelines

Proper operation ensures safety and extends the life of your roof rack.

- **Load Capacity:** Never exceed the maximum load capacity specified for your roof rack or your vehicle's roof. Always use the lower of the two limits. Distribute the load evenly.
- **Securing Loads:** Always secure items firmly to the roof rack using appropriate tie-downs or accessories. Ensure no part of the load obstructs your view or interferes with vehicle operation.
- **Driving with Load:** Adjust your driving style when carrying a load on the roof. Reduce speed, especially when cornering, braking, or in strong winds. Be aware of increased vehicle height when entering garages or low overhead areas.
- **Accessory Use:** When using specific accessories (e.g., bike carriers, ski carriers, roof boxes), always follow their individual instruction manuals.
- **Regular Checks:** Periodically check the tightness of all mounting bolts and the security of your load during long journeys.

5. Maintenance

Regular maintenance will keep your NORDRIVE roof rack in optimal condition.

- **Cleaning:** Clean the aluminum profiles and rubber components regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish or rubber.
- **Inspection:** Periodically inspect the roof rack for any signs of wear, damage, or corrosion. Check all bolts, nuts, and rubber parts for integrity. Replace any damaged components immediately.
- **Lubrication:** If any moving parts (e.g., locking mechanisms) become stiff, apply a small amount of silicone-based lubricant.
- **Seasonal Removal:** If the roof rack is not used for extended periods, consider removing it to reduce wear and tear, improve fuel efficiency, and prevent potential theft. Store it in a dry place.

6. Troubleshooting

Here are some common issues and their potential solutions:

- **Wind Noise:**
  - Ensure all rubber profiles (especially the front profile and T-slot sealing strip) are correctly seated and not damaged.
  - Verify that no accessories are creating excessive drag or turbulence.
  - Check if the roof bars are installed at the correct distance and orientation as per vehicle specifications.
- **Loose Roof Rack:**
  - Re-tighten all mounting bolts according to the installation instructions. Do not overtighten.
  - Inspect the foot connections and vehicle mounting points for any damage or wear.
- **Difficulty Installing Accessories:**
  - Ensure the PTO (Press-To-Open) system is fully engaged to open the T-slot.
  - Check that the T-slot bolts of your accessories are compatible with the NORDRIVE profile.
  - Ensure the T-slot channel is clear of debris.

7. Specifications

Brand	NORDRIVE
Model Number	N15079
Material	Aluminum, Rubber
Color	Black
Item Weight	1 Kilogram (Note: This may refer to individual bar or packaging weight. Refer to product packaging for precise weight.)
Vehicle Service Type	Car
Automotive Fit Type	Vehicle-specific fit
Length (Size S)	108 cm
Profile Dimensions (Width x Height)	83 mm x 28 mm

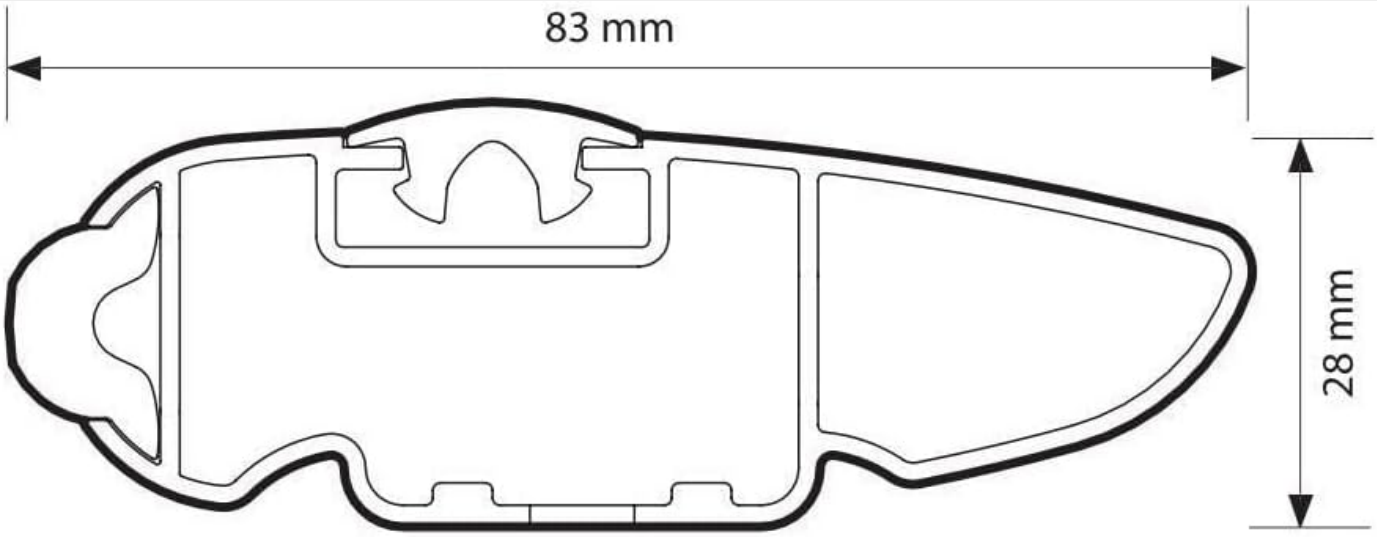


Figure 3: Cross-sectional view of the NORDRIVE Silenzio roof bar profile, indicating its width (83 mm) and height (28 mm).

8. Warranty and Support

For warranty information, please refer to the documentation provided with your purchase or contact the retailer or manufacturer directly. Keep your proof of purchase for warranty claims.

If you encounter any issues not covered in this manual or require further assistance, please contact your point of purchase or the NORDRIVE customer support for expert guidance.

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