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MENABO BRIO 12173

MENABO BRIO 120 cm Roof Bars User Manual

For Vehicles with Open Roof Rails

1. INTRODUCTION

This manual provides essential instructions for the safe and effective installation, operation, and maintenance of your MENABO BRIO 120 cm Roof Bars. Please read this manual thoroughly before installation and retain it for future reference. Proper installation and use are crucial for safety and product longevity.



Image 1.1: MENABO BRIO 120 cm Roof Bars

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or property damage.

- **Maximum Load Capacity:** Do not exceed the maximum load capacity of 90 kg (198 lbs) for the roof bars. Always refer to your vehicle's owner's manual for its specific roof load limit, and never exceed the lower of the two limits.

- **Secure Installation:** Ensure all components are securely fastened according to the installation instructions. Regularly check the tightness of all bolts and connections, especially after driving for a short distance and before each long trip.
- **Weight Distribution:** Distribute the load evenly across the roof bars. Place heavier items at the bottom and center.
- **Driving Speed:** Adjust your driving speed to suit the load and road conditions. Avoid sudden braking, acceleration, or sharp turns when carrying a load on the roof.
- **Height Clearance:** Be aware of the increased height of your vehicle when roof bars and cargo are installed, especially when entering garages, car washes, or low-clearance areas.
- **Aerodynamics and Wind Noise:** The addition of roof bars and cargo may affect your vehicle's aerodynamics and fuel consumption. Some wind noise is normal.
- **Regular Inspection:** Periodically inspect the roof bars for any signs of wear, damage, or corrosion. Replace any damaged parts immediately.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 2x Aluminum Roof Bars (120 cm length)
- 2x Roof-top carrier foot with lock
- 2x Roof-top carrier foot without lock
- 1x Set of keys (2 keys included)
- 4x End Caps
- 1x Allen Spanner
- 4x Rubber Strips (padding for top and bottom)



Image 3.1: Detail of Roof Bar End with Locking Mechanism

4. SETUP AND INSTALLATION

The MENABO BRIO roof bars are designed for quick and easy assembly on vehicles with open roof rails. No additional tools are required beyond the included Allen spanner.

- 1. Identify Components:** Separate the two roof bars. Note the four carrier feet; two have integrated locks, and two do not.
- 2. Attach Carrier Feet:** Slide the carrier feet onto the ends of each aluminum bar. Ensure the feet are oriented correctly to grip the open roof rails of your vehicle. The pre-assembled foot design includes protective rubber to prevent damage to your vehicle's roof rails.
- 3. Insert Rubber Strips:** The included rubber strips serve two purposes: a padding strip at the top protects items from sliding, and a strip at the bottom helps reduce wind noise. Insert these into the designated channels on the top and bottom of the aluminum bars. The top strip protrudes slightly to protect your items.
- 4. Position on Vehicle:** Place the assembled roof bars onto your vehicle's open roof rails. Adjust the spacing between the front and rear bars according to the cargo you intend to carry and your vehicle's recommendations. Ensure the bars are parallel to each other.

5. **Secure to Roof Rails:** Using the Allen spanner, tighten the clamping mechanism on each carrier foot to firmly secure the roof bars to your vehicle's open roof rails. Ensure a snug fit without over-tightening.
6. **Lock the Bars:** Use the provided keys to lock the two carrier feet that have integrated locking mechanisms. This provides security against theft.
7. **Install End Caps:** Place the four end caps onto the ends of the aluminum bars.
8. **Final Check:** Gently pull and push on each roof bar to confirm it is securely attached and does not move. Re-check all fastenings after driving a short distance (approx. 5-10 km) and before every journey.



Image 4.1: MENABO BRIO Roof Bars Installed on a Vehicle

5. OPERATING INSTRUCTIONS

Once installed, your MENABO BRIO roof bars are ready to transport various types of cargo, such as ski equipment, bicycles, or luggage boxes. Always adhere to the following guidelines:

- **Load Securement:** Always use appropriate straps, nets, or other securing devices to firmly attach your cargo to the roof bars. Ensure cargo cannot shift during transit.
- **Weight Limit:** Never exceed the 90 kg (198 lbs) weight limit of the roof bars or your vehicle's roof load limit, whichever is lower.
- **Overhang:** Avoid excessive overhang of cargo beyond the front, rear, or sides of your vehicle, as this can affect stability and visibility, and may be illegal in some regions.
- **Aerodynamic Drag:** Large or irregularly shaped items will increase aerodynamic drag. Consider using a roof box for optimal aerodynamics and weather protection.
- **Noise:** Some wind noise is normal, especially at higher speeds. Ensure all rubber strips are properly seated to minimize noise.

6. MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your roof bars:

- **Cleaning:** Clean the aluminum bars and plastic components with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish or materials.
- **Inspection:** Periodically inspect all components for wear, cracks, corrosion, or deformation. Pay close attention to the clamping mechanisms and rubber pads.

- **Lubrication:** The locking mechanisms may benefit from occasional lubrication with a graphite-based lubricant to ensure smooth operation.
- **Storage:** If not in use for extended periods, it is recommended to remove the roof bars from your vehicle and store them in a dry, protected area.
- **Replacement Parts:** Contact MENABO customer support for genuine replacement parts if any component becomes damaged or worn.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Excessive Wind Noise	Improperly seated rubber strips; incorrect bar spacing; cargo not aerodynamic.	Ensure rubber strips are fully inserted. Adjust bar spacing. Consider a roof box for cargo.
Roof Bars Feel Loose	Clamping mechanisms not tightened sufficiently.	Re-tighten all clamping bolts using the Allen spanner. Check regularly.
Keys Not Working Smoothly	Lock mechanism dirty or dry.	Apply a small amount of graphite lubricant to the lock cylinder.
End Caps Falling Off	Not fully seated or damaged.	Ensure caps are pushed firmly into place. Replace if damaged.

8. SPECIFICATIONS

Brand: MENABO

Model: BRIO (Item Model Number: 12173)

Material: High-quality Aluminum (bars), Plastic (feet)

Length: 1200 mm (120 cm)

Width: 47 mm

Height: 28 mm

Maximum Bearing Capacity: 90 kg (198 lbs)

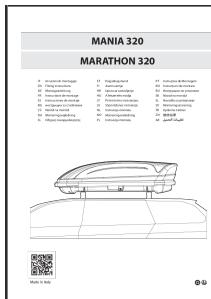
Weight: Approximately 3.1 kg (per set)

Lockable: Yes, with included keys

Compatibility: Cars with open roof rails

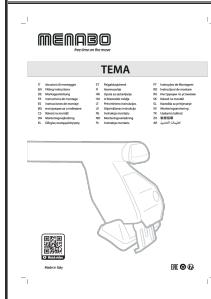
9. WARRANTY AND SUPPORT

MENABO products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your product or visit the official MENABO website. In case of questions, technical issues, or to order replacement parts, please contact MENABO customer support through their official channels. For further assistance, you may visit the [MENABO Brand Store on Amazon](#).



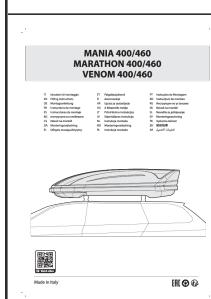
[Menabo MANIA 320 MARATHON 320 Roof Box Fitting Instructions and Guide](#)

Comprehensive fitting and installation guide for the Menabo MANIA 320 MARATHON 320 roof box. Includes parts list, assembly steps, safety guidelines, and specifications. Learn how to safely mount and use your Menabo cargo box.



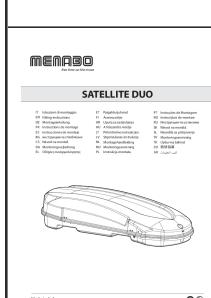
[MENABO TEMA Roof Bar System Installation Guide](#)

Comprehensive installation instructions for the MENABO TEMA roof bar system, covering fixing kits, bar kits, and support kits. Includes diagrams and multilingual guidance.



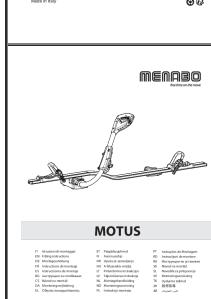
[Menabo Mania, Marathon, Venom 400/460 Roof Box Installation Guide](#)

Comprehensive installation instructions and specifications for Menabo Mania, Marathon, and Venom 400/460 car roof boxes. Learn how to securely fit your roof box using T-System or U-Bolt methods.



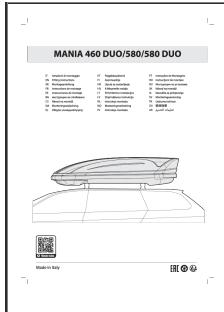
[Menabo Satellite Duo Roof Carrier Assembly Instructions](#)

Comprehensive guide for assembling and fitting the Menabo Satellite Duo roof carrier system. Includes detailed parts list, step-by-step visual instructions translated into text, dimensions, and safety loading information.



[Menabo Motus Bike Rack: Installation Guide and Specifications](#)

Comprehensive installation guide for the Menabo Motus bike rack, detailing component identification, assembly steps, bicycle loading, specifications, and safety precautions.



[Menabo MANIA 460 DUO/580/580 DUO Roof Box Fitting Instructions](#)

Comprehensive fitting instructions for the Menabo MANIA 460 DUO, 580, and 580 DUO roof boxes. Includes component lists, assembly steps, and usage guidelines.