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> Menabo Diamond 320 L Mania Roof Box Instruction Manual

MENABO 000036100000

Menabo Diamond 320 L Mania Roof Box Instruction Manual

Model: 000036100000

1. PRODUCT OVERVIEW

The Menabo Diamond 320 L Mania Roof Box is designed to provide additional storage capacity for your vehicle. It features a durable plastic construction and a secure locking mechanism to protect your belongings during transit. This roof box is compatible with various roof carrier systems.

- **Capacity:** 320 liters (approximately 11 cubic feet)
- **Maximum Load:** 50 kg (110 lbs)
- **Closure:** Lockable, patented double snap closure system
- **Material:** Durable Plastic
- **Color:** Glossy Black



Figure 1: Closed view of the Menabo Diamond 320 L Mania Roof Box.

2. SETUP AND INSTALLATION

Proper installation is crucial for the safe operation of your roof box. Ensure your vehicle's roof rack system is correctly installed and rated for the combined weight of the roof box and its contents.

1. **Positioning:** Carefully lift the roof box onto your vehicle's roof bars. Center the box to distribute weight evenly and minimize wind resistance.
2. **Securing the Box:** The roof box utilizes a quick fixing system. Open the lid and locate the mounting points inside

the box.

- Place the U-bolts or T-slot adapters (depending on your roof bar type) around the roof bars and through the designated holes in the base of the roof box.
- Secure with the provided nuts and washers from inside the box. Hand-tighten initially, then use a wrench to ensure a firm, secure fit. Do not overtighten.
- *Note:* Some roof bar systems may require different clamp sizes than those included. Verify compatibility before installation. If the included clamps are not wide enough, alternative mounting hardware may be necessary.

3. **Load Distribution:** Before loading, ensure the roof box is firmly attached and does not shift.



Figure 2: Menabo Diamond Roof Box securely mounted on a vehicle's roof rack.

3. OPERATING INSTRUCTIONS

Follow these guidelines for safe and effective use of your roof box.

1. **Opening the Lid:** Insert the key into the lock and turn to unlock. The patented double snap closure system allows the lid to be opened.
2. **Loading the Box:**
 - Distribute items evenly inside the box. Place heavier items towards the center and lighter, bulkier items towards the ends.
 - Do not exceed the maximum load capacity of 50 kg (110 lbs).
 - Use the internal anchor points and straps (if provided) to secure luggage and prevent shifting during travel. This can also help reduce internal rattling when the box is partially empty.
3. **Closing and Locking:**
 - Ensure the lid is fully closed and the double snap closure engages securely.
 - Turn the key to lock the box. Remove the key before driving.

4. Driving with the Roof Box:

- Be aware of the increased height of your vehicle, especially when entering garages, car washes, or low-clearance areas.
- Adjust driving speed according to road conditions and wind. High speeds can increase wind noise and fuel consumption.
- Check the security of the roof box and its contents periodically during long journeys.



Figure 3: Menabo Diamond Roof Box shown open with items stored inside.

4. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your roof box.

- **Cleaning:** Clean the roof box with mild soap and water. Avoid abrasive cleaners or solvents that could damage the plastic surface.
- **Lubrication:** Periodically lubricate the lock mechanism and hinges with a silicone-based spray to ensure smooth operation.
- **Storage:** When not in use, store the roof box in a dry, cool place, away from direct sunlight to prevent material degradation.
- **Inspection:** Before each use, inspect the roof box for any signs of damage, cracks, or loose components. Check the mounting hardware for tightness.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Roof box rattles when empty.	Internal components or lid not fully secured.	Ensure the lid is fully closed and locked. If internal straps are present, secure them. Consider placing a soft mat inside when empty.
Mounting clamps do not fit roof bars.	Incompatible roof bar dimensions.	Verify the dimensions of your roof bars against the roof box's mounting system. Obtain alternative, compatible mounting hardware if necessary.
Lid is difficult to open or close.	Lock mechanism or hinges are stiff or dirty.	Clean and lubricate the lock and hinge mechanisms with a silicone spray. Ensure no items are obstructing the lid's path.
Excessive wind noise.	Improper positioning or high speed.	Ensure the box is centered and securely mounted. Reduce vehicle speed, especially in windy conditions.

6. SPECIFICATIONS

- **Model:** Menabo Diamond 320 L Mania
- **Manufacturer Part Number:** 000036100000
- **Volume:** 320 Liters (approx. 11 cubic feet)
- **Maximum Load Capacity:** 50 kg (110 lbs)
- **Material:** Plastic
- **Color:** Black
- **Item Weight:** 24.5 Pounds (approx. 11.1 kg)
- **Mounting Type:** Roof Mount
- **Closure Type:** Snap, Lockable
- **Water Resistance Level:** Water Resistant

7. WARRANTY INFORMATION

This Menabo Diamond Roof Box comes with a **90 Day Limited Manufacturer Warranty**. Please retain your proof of purchase for any warranty claims. The warranty covers manufacturing defects under normal use conditions. It does not cover damage resulting from improper installation, misuse, accidents, or normal wear and tear.

8. CUSTOMER SUPPORT

For technical assistance, spare parts, or warranty inquiries, please contact your retailer or the manufacturer directly. Refer to the contact information provided with your purchase or visit the official MENABO website for support details.

Manufacturer: Menabo