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Mosion Auto X247 Grille

Mosion Auto X247 GTR Style Front Bumper Grille Instruction Manual

Model: X247 Grille

1. Introduction

This manual provides comprehensive instructions for the installation, maintenance, and care of your Mosion Auto X247 GTR Style Front Bumper Grille. Please read this manual thoroughly before proceeding with installation to ensure proper fitment and safe operation.

1.1 Product Overview

The Mosion Auto X247 GTR Style Front Bumper Grille is a direct replacement component designed to enhance the aesthetic appeal of your vehicle's front end. Crafted from high-quality ABS material, this grille offers durability and a sleek, glossy black finish.



Image 1.1: Overview of the Mosion Auto X247 GTR Style Front Bumper Grille and its appearance when installed on a compatible vehicle.

1.2 Compatibility

This front bumper grille is specifically designed for:

- **Mercedes-Benz GLB-Class X247 GLB250 2020+**

Important Note:

- This grille is **only compatible with the General Version** of the Mercedes-Benz GLB-Class X247 GLB250.
- It is **NOT compatible** with GLB63 AMG, GLB63S AMG, or Deluxe versions.



Image 1.2: Visual guide for vehicle compatibility, distinguishing between compatible (FIT) and incompatible (NOT FIT) GLB-Class models.

2. Product Features

The Mosion Auto X247 GTR Style Front Bumper Grille offers several key features:

- **High-Quality Material:** Constructed from durable ABS plastic, ensuring longevity and resistance to typical road conditions.
- **Direct Replacement:** Engineered to directly replace the original factory grille, simplifying the installation process.
- **Factory Specifications:** Designed to meet factory specifications for a precise fit and clean integration with your vehicle's front end.
- **Robust Packaging:** Shipped in a multilayer protected export carton, providing shockproof and crashproof protection during transit.
- **Installation Type:** Features both self-adhesive and snap-on mechanisms for secure attachment.



Image 2.1: Top view of the grille, highlighting its design and finish.



Image 2.2: Detailed view of the grille's surface and construction.

3. Specifications

Attribute	Detail
Type	X247 GTR Style Front Grill
Material	High-Quality ABS
Color	Glossy Black
Weight	6.07 pounds (approx. 2755g)
Placement on Vehicle	Front
Fitment Type	Direct Replacement

Installation Type	Self-Adhesive, Snap-On
Package Dimensions	43.1 x 14 x 6.55 inches
OEM Part Number	X247 Grille
UPC	705116456566

4. Safety Information

Please observe the following safety precautions during handling and installation:

- Always wear appropriate personal protective equipment (PPE), such as gloves and eye protection, when handling automotive parts.
- Ensure the vehicle is parked on a level surface and properly secured before beginning any work.
- Disconnect the vehicle's battery if instructed by the vehicle's service manual for any electrical work.
- Exercise caution when using tools to avoid injury or damage to the vehicle.
- Keep small parts and packaging materials away from children and pets.

5. Setup and Installation

The Mosion Auto X247 GTR Style Front Bumper Grille is designed for direct replacement. While it features self-adhesive and snap-on installation, **professional installation is highly recommended** to ensure proper fitment and avoid damage to your vehicle.

5.1 Pre-Installation Checklist

- Verify that the received grille matches the product description and is free from damage.
- Confirm vehicle compatibility as outlined in Section 1.2.
- Gather necessary tools (e.g., trim removal tools, screwdrivers, wrenches, protective tape).
- Ensure a clean and well-lit working area.

5.2 Installation Steps (General Guide)

Note: Specific steps may vary based on your vehicle's exact configuration. Refer to your vehicle's service manual for detailed instructions on bumper and grille removal.

1. **Prepare the Vehicle:** Park the vehicle on a flat, stable surface. Engage the parking brake.
2. **Access the Grille:** Depending on your vehicle model, it may be necessary to partially or fully remove the front bumper to access the grille mounting points.
3. **Remove the Original Grille:** Carefully detach the existing grille. This typically involves releasing clips, screws, or bolts. Take care not to damage surrounding trim or paint.
4. **Prepare the New Grille:** Inspect the new Mosion Auto grille. If applicable, remove any protective films from adhesive surfaces.
5. **Install the New Grille:** Align the new grille with the mounting points on the vehicle. Secure it using the snap-on features and any integrated self-adhesive elements. Ensure all clips engage properly and the grille sits flush.
6. **Reassemble:** Reinstall any removed bumper components or trim pieces. Ensure all fasteners are tightened to the manufacturer's specifications.
7. **Final Inspection:** Visually inspect the installed grille for proper alignment and secure attachment.



Image 5.1: Rear view of the grille, showing mounting points for installation.

6. Operating Considerations

Once installed, the grille operates passively as a cosmetic and protective component of your vehicle's front end. No specific operational steps are required. Ensure that the grille does not obstruct any sensors (e.g., parking sensors, adaptive cruise control sensors) if your vehicle is equipped with them. If any sensors are present behind the original grille, ensure they are properly re-mounted and calibrated after installation of the new grille.

7. Maintenance

To maintain the appearance and longevity of your Mosion Auto X247 GTR Style Front Bumper Grille:

- **Regular Cleaning:** Clean the grille regularly with mild automotive soap and water. Use a soft cloth or sponge to avoid scratching the glossy finish.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or strong degreasers, as these can damage the ABS material and finish.
- **Rinse Thoroughly:** After washing, rinse the grille thoroughly to remove all soap residue.
- **Drying:** Dry the grille with a clean, soft microfiber towel to prevent water spots.
- **Periodic Inspection:** Periodically check the grille for any signs of looseness or damage, especially after driving on rough roads or in harsh weather conditions.

8. Troubleshooting

If you encounter issues with your Mosion Auto X247 GTR Style Front Bumper Grille, consider the following:

8.1 Fitment Issues

- **Grille Does Not Fit:**
    - **Verify Vehicle Model:** Double-check that your vehicle is the "General Version" of the Mercedes-Benz GLB-Class X247 GLB250 2020+. This grille is not compatible with AMG or Deluxe versions. Refer to Section 1.2 and Image 1.2 for visual confirmation.
    - **Check for Obstructions:** Ensure no existing vehicle components or debris are preventing the grille from seating correctly.
    - **Professional Installation:** If you are performing the installation yourself and are experiencing difficulties, consider seeking assistance from a professional automotive technician.
- **Grille is Loose:**
    - Ensure all snap-on clips are fully engaged and any adhesive surfaces are properly bonded.
    - Re-check all mounting points and fasteners.

8.2 Cosmetic Issues

- **Scratches/Dull Finish:** Refer to the Maintenance section (Section 7) for proper cleaning and care instructions. Avoid abrasive materials.

9. Warranty and Support

For specific warranty information or technical support regarding your Mosion Auto X247 GTR Style Front Bumper Grille, please contact Mosion Auto directly through their official channels or the retailer from whom the product was purchased.

You can visit the Mosion Auto Store on Amazon for more information or to find contact details.

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