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HECASA CB-1988

HECASA Front Bumper Protector Brush Grille Guard

Model: CB-1988
Brand: HECASA

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your HECASA Front Bumper Protector Brush Grille Guard. Please read all instructions carefully before beginning installation to ensure proper fitment and safe operation.

1.1 Compatibility

This product is compatible with **2001-2004 Nissan Frontier models**. Verify your vehicle's make, model, and year before installation.

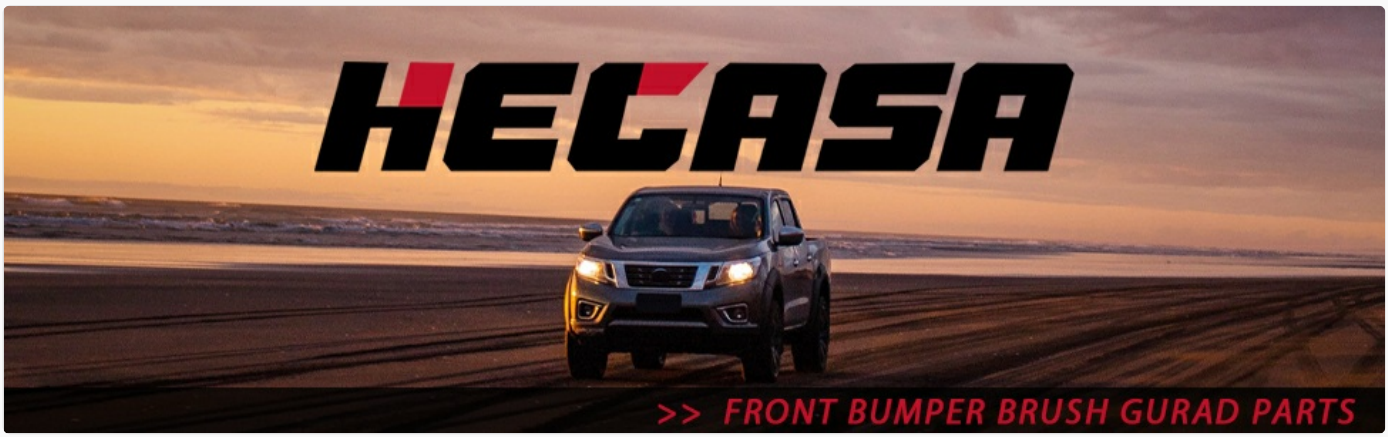

Figure 1: Compatibility with 2001-2004 Nissan Frontier models.

2. Product Overview

The HECASA Front Bumper Protector Brush Grille Guard is designed to provide enhanced protection for your vehicle's front end while offering a sleek aesthetic. It is constructed from high-quality, powder-coated black steel for durability and corrosion resistance.

2.1 Key Features

- **Sleek Design:** Powder-coated black finish for a refined appearance.

- **Enhanced Protection:** Reduces impact on the intake grille and protects the radiator during minor collisions.
- **High-Quality Material:** Made of outdoor-grade steel with high strength and rust-resistant treatment.
- **Direct Attachment:** Designed for direct attachment to the vehicle's frame.

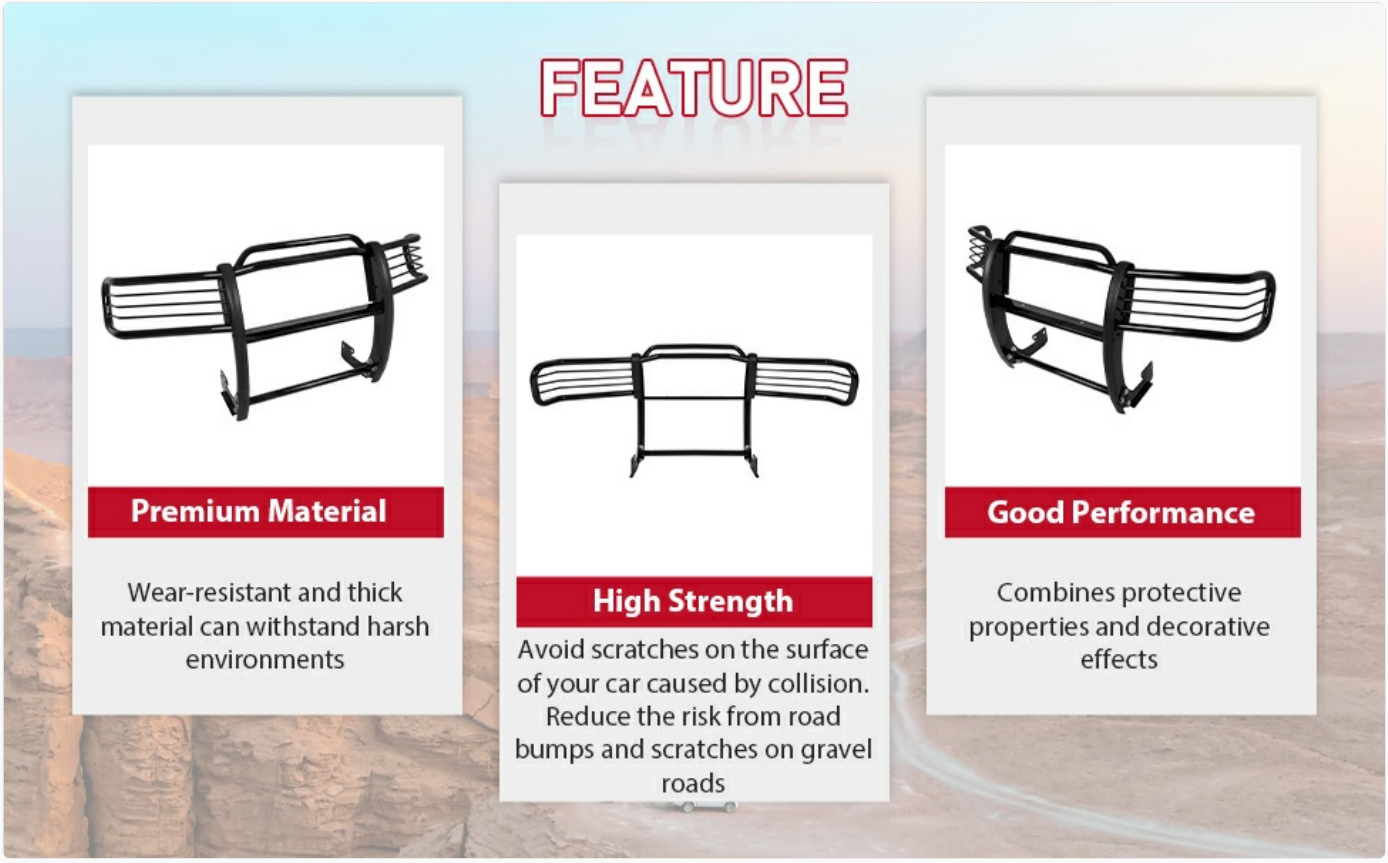

Figure 2: Detailed view of the brush guard's design and material quality.

3. Package Contents

Before beginning installation, ensure all components listed below are present and undamaged. If any parts are missing or damaged, contact customer support.

- 1 x Grille Guard Assembly
- Mounting Accessories (bolts, washers, nuts)

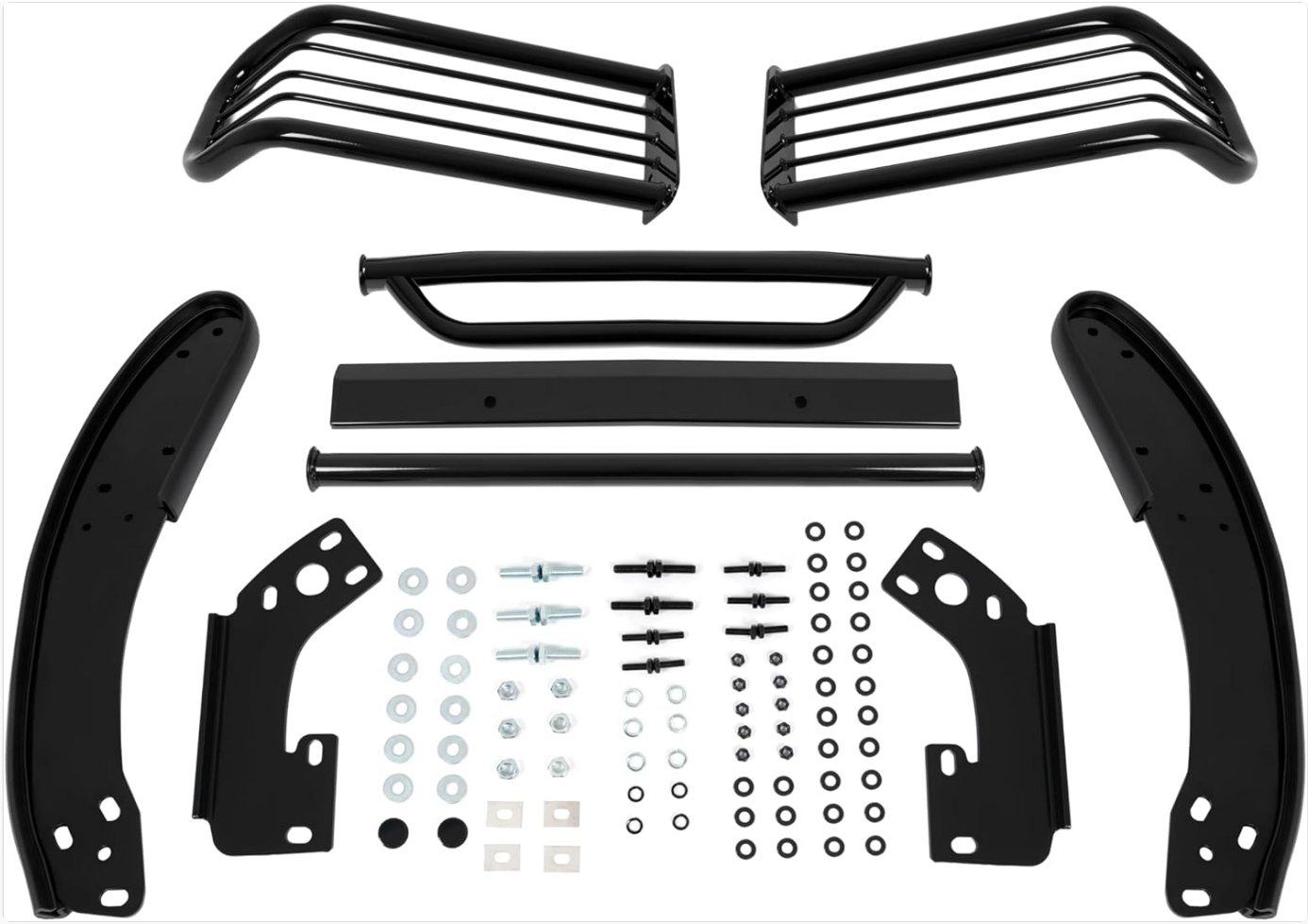

Figure 3: Complete package contents of the HECASA Front Bumper Protector Brush Grille Guard.

4. Installation Instructions

Installation is a direct bolt-on process. While no specific instructions are included with the product, the following general steps and video guide can assist with assembly. Professional installation is recommended if you are unfamiliar with automotive modifications.

4.1 General Assembly Guide (Video)

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Video 1: General assembly guide for a front bumper brush guard. This video demonstrates the typical steps for assembling a similar product and can serve as a helpful visual aid for your HECASA brush guard installation.

4.2 Step-by-Step Assembly Overview

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out. Verify against the package contents list.
2. **Assemble Main Frame:** Connect the central horizontal bars to the main vertical supports using the provided hardware. Ensure all bolts are finger-tightened initially.
3. **Attach Side Grilles:** Secure the side grille sections to the main frame. Again, use the appropriate hardware and tighten by hand first.
4. **Install Mounting Brackets:** Attach the vehicle-specific mounting brackets to the assembled grille guard. These brackets will connect the guard to your Nissan Frontier's frame.
5. **Mount to Vehicle:** Position the assembled grille guard onto the front of your vehicle. Align the mounting brackets with the existing frame holes. Secure with the remaining hardware.

6. **Final Tightening:** Once all components are in place and aligned, systematically tighten all bolts and nuts securely. Do not overtighten.

Figure 4: Fully assembled HECASA brush guard.

Figure 5: Assembled HECASA brush guard from a side perspective.

5. Maintenance

To ensure the longevity and appearance of your brush grille guard, follow these maintenance guidelines:

- **Regular Cleaning:** Wash the grille guard regularly with mild soap and water to remove dirt, road grime, and salt. Avoid abrasive cleaners or harsh chemicals that could damage the powder-coated finish.
- **Inspect Hardware:** Periodically check all mounting bolts and nuts for tightness. Vibrations from driving can cause hardware to loosen over time. Retighten as necessary.
- **Check for Damage:** Inspect the grille guard for any signs of damage, such as bends, cracks, or chipped paint. Address minor paint chips promptly to prevent rust.

6. Troubleshooting

If you encounter issues during or after installation, consider the following common troubleshooting tips:

- **Difficulty with Alignment:** Ensure all bolts are only finger-tightened during initial assembly and mounting to allow for minor adjustments. Once aligned, tighten securely.
- **Loose Fit:** Double-check that all mounting hardware is correctly installed and fully tightened. Refer to the installation video for proper bolt and washer placement.
- **Missing Parts:** Review the "Package Contents" section. If parts are genuinely missing, contact HECASA customer support with your purchase details.

7. Specifications

Feature	Detail
Brand	HECASA
Model Number	CB-1988
Compatibility	2001-2004 Nissan Frontier
Material	Alloy Steel
Color	Black (Powder Coated)
Installation Type	Bolt-On
Position	Front

Figure 6: Key dimensions of the HECASA brush guard.

8. Warranty and Support

For warranty information or technical support, please refer to the product's original packaging or contact HECASA customer service directly. Keep your purchase receipt for warranty claims.

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