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CFMOTO 2444.8108.1

CFMOTO Front Bumper Installation and Maintenance Manual

For CFORCE 850 and CFORCE 1000 ATVs (Model: 2444.8108.1)

1. PRODUCT OVERVIEW

This manual provides essential information for the proper installation, operation, and maintenance of your CFMOTO Front Bumper. Designed for CFORCE 850 and CFORCE 1000 All-Terrain Vehicles (ATVs), this front bumper enhances vehicle protection and aesthetics.

The bumper is constructed from durable alloy steel and aluminum, featuring a black stove-enamel finish for resistance against environmental elements. It is engineered to mount directly to original vehicle points, eliminating the need for additional drilling.

- Compatible with CFORCE 850 (all years).
- Compatible with CFORCE 1000 (all years).
- Features robust steel tubing (32, 38, 42 x 1.5 mm) or aluminum tubing (38 x 3 mm).
- Includes multiple additional mounting brackets for enhanced resistance.
- Designed with built-in protection for headlights.
- Provides attachment points for auxiliary lighting.

2. PACKAGE CONTENTS

Before beginning installation, verify that all components are present and undamaged. If any parts are missing or damaged, contact your dealer or CFMOTO customer support.



Figure 1: CFMOTO Front Bumper assembly with included mounting brackets, bolts, washers, and nuts. The main bumper frame is black, and the smaller components are laid out below it.

The package typically includes:

- 1x Front Bumper Frame
- 2x Side Mounting Brackets
- Hardware Kit (bolts, washers, nuts as shown in Figure 1)

3. INSTALLATION INSTRUCTIONS

Tools Required: Basic hand tools (wrenches, sockets) appropriate for your ATV's fasteners.

1. **Preparation:** Park your ATV on a level surface and engage the parking brake. Turn off the engine and remove the ignition key. For safety, disconnect the battery's negative terminal if working near electrical components.
2. **Remove Existing Components:** If your ATV has an existing front bumper or plastic trim that obstructs the mounting points, carefully remove it according to your ATV's service manual.
3. **Attach Side Mounting Brackets:** Identify the designated mounting points on your ATV's frame. These are typically pre-drilled holes. Secure the two side mounting brackets (as seen in Figure 1, the smaller L-shaped pieces) to the ATV frame using the appropriate bolts, washers, and nuts from the hardware kit. Do not fully tighten at this stage.
4. **Position the Bumper Frame:** Carefully lift the main bumper frame and align its mounting tabs with the side mounting brackets and any central mounting points on the ATV frame.
5. **Secure the Bumper:** Insert the remaining bolts, washers, and nuts through the bumper frame and into the mounting brackets/ATV frame. Ensure all fasteners are hand-tightened.
6. **Align and Tighten:** Once all bolts are in place, adjust the bumper for proper alignment. Ensure it is centered and level. Systematically tighten all bolts to the manufacturer's recommended torque specifications (refer to your ATV's service manual for general torque values for similar fasteners). **Do not overtighten.**
7. **Final Check:** Verify that the bumper is securely attached and does not interfere with any vehicle components (e.g., headlights, steering, suspension). Reconnect the battery if it was disconnected.

Note: Some users have reported a slight interference with the battery/fuse cover after bracket installation. If this occurs, minor modification to the plastic tabs of the cover may be necessary to ensure a flush fit.

4. OPERATING CONSIDERATIONS

The CFMOTO Front Bumper is designed to provide additional protection to the front of your ATV during off-road use, trail riding, and general operation. It helps guard against impacts from obstacles, brush, and minor collisions.

- **Enhanced Protection:** The robust construction helps protect critical front-end components, including headlights and radiator areas.
- **Auxiliary Lighting:** Utilize the integrated attachment points for mounting additional lighting accessories to improve visibility during low-light conditions. Ensure any added lighting complies with local regulations.
- **Vehicle Dimensions:** Be aware that the bumper adds to the overall length and width of your ATV. Account for these changes when navigating tight spaces or loading the vehicle onto trailers.

5. MAINTENANCE

Regular maintenance will ensure the longevity and continued performance of your front bumper.

- **Cleaning:** Clean the bumper regularly with mild soap and water to remove dirt, mud, and debris. Avoid abrasive cleaners or harsh chemicals that could damage the finish.
- **Inspection:** Periodically inspect all mounting bolts and hardware for tightness. Vibrations from ATV operation can cause fasteners to loosen over time. Retighten as necessary.
- **Damage Check:** After any significant impact or off-road excursion, inspect the bumper for bends, cracks, or other damage. If the bumper is severely damaged, it may compromise its protective capabilities and should be replaced.
- **Corrosion Prevention:** While the bumper has a protective finish, prolonged exposure to harsh conditions or damage to the finish can lead to corrosion. Touch up any chips or scratches in the paint to prevent rust.

6. TROUBLESHOOTING

- **Bumper Does Not Fit Correctly:**
 - Ensure you have the correct model bumper for your ATV (CFORCE 850 or CFORCE 1000).
 - Verify that all existing components that might obstruct installation have been removed.
 - Check for any bent or damaged mounting points on your ATV frame.
 - Ensure all bolts are loosely fitted before final tightening to allow for minor adjustments.
- **Loose Bumper After Installation:**
 - Re-check all mounting bolts and ensure they are tightened to the appropriate torque specifications.
 - Inspect for any missing washers or incorrect hardware usage.
- **Interference with ATV Components (e.g., Battery/Fuse Cover):**
 - As noted in the installation section, minor trimming of plastic components may be required for optimal fit in some cases. Proceed with caution and ensure no critical components are

damaged.

7. SPECIFICATIONS

Brand	CFMOTO
Model Number	2444.8108.1
Compatible Vehicles	CFMOTO CFORCE 850, CFMOTO CFORCE 1000 (All Years)
Material	Alloy Steel, Aluminum
Color	Black
Item Weight	Approximately 18 Pounds (8.16 kg)
Product Dimensions (Approx.)	59.06"D x 511.81"W x 196.85"H (Note: These dimensions seem unusually large and may represent shipping package dimensions or a data entry error. Refer to actual product for precise fitment.)
UPC	633710270625

8. WARRANTY AND SUPPORT

For warranty information, technical support, or assistance with parts, please contact your authorized CFMOTO dealer or visit the official CFMOTO website. Keep your purchase receipt and product model number (2444.8108.1) readily available when contacting support.

Manufacturer: Cfmoto