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Diecast Masters 85234

Diecast Masters Caterpillar 420F2 IT Backhoe Loader Model 85234 Instruction Manual

Model: 85234 | Brand: Diecast Masters

1. INTRODUCTION

This manual provides essential information for the Diecast Masters Special Edition Caterpillar 420F2 IT Backhoe Loader, Model 85234. This 1:50 scale diecast collectible model is designed for display and gentle interaction. Please read these instructions carefully to ensure proper handling and longevity of your model.



Image 1.1: The Diecast Masters Caterpillar 420F2 IT Backhoe Loader, Model 85234, in its black finish.

2. PRODUCT FEATURES

The Diecast Masters Caterpillar 420F2 IT Backhoe Loader is a highly detailed replica, part of the High Line Series. Key features include:

- **Authentic Scale Replica:** 1:50 scale model with accurate Caterpillar Power Edge paint, decals, and trade dress.
- **Black Onyx Finish:** Special edition finish celebrating 30 years of the machine in production.
- **Detailed Cab Interior:** Features a detailed cab interior with the Cat 30th Anniversary logo.
- **Functional Movement:** Realistic steering, free-rolling rubber tires, and working rear outriggers.
- **Included Work Tools:**
 - **Front Attachments:** Front bucket, pallet fork, and material handling arm.
 - **Rear Attachments:** Digging bucket, H70 hydraulic impact hammer, and auger.
- **Fine Details:** Bolt detailing, two working figures, hand and grab safety railings, chrome exhaust stack, air cleaner, mirrors with silvered surfaces, orange beacon light, and forward-facing work lights.
- **Working Quick Coupler:** Allows for attachment and detachment of front and rear work tools.
- **Center-Pivot Backhoe:** Fully articulated backhoe with working boom, stick, and bucket with stick extension.
- **Working Stabilizers:** Legs fold up and down for realistic posing.

DETAILS:

- ✓ 1:50 Scale
- ✓ Approx. Dimensions: 6.625 x 4.25 x 3 inches.
- ✓ Authentic Caterpillar Power Edge Trade dress, decals, and paint
- ✓ Accurate to scale Integrated Toolcarrier package
- ✓ Working quick coupler with front and rear work tool attachments
- ✓ Center-Pivot Backhoe
- ✓ Operator figure accessory included
- ✓ Full-functioning front lift arms, with working quick coupler
- ✓ Rear Backhoe with working boom, stick
- ✓ Bucket with stick extension
- ✓ Working Stabilizer- legs fold up and down

Image 2.1: Close-up view highlighting the detailed features and attachments of the model.



ADDITIONAL DETAILS

- ✓ **Front Attachments:** Bucket, Pallet Forks, and Material Handling Arm
- ✓ **Rear Attachments:** Digging Bucket, H70 Hammer, and Auger
- ✓ **High-quality small detail pieces:** exhaust stack, air cleaner, mirrors with silvered surfaces, working lights, safety railings, and more.
- ✓ **Moveable free-rolling Rubber Wheels** with realistic tread pattern
- ✓ **Working steering** with front axle oscillation
- ✓ **Also available in Standard CAT Black & Yellow Trade Dress**

Image 2.2: Illustration of additional details including front and rear attachments, small detail pieces, and moveable wheels.

3. SETUP AND UNBOXING

Your Diecast Masters model comes in a premium collector's metal tin, designed to protect the model during transit and for storage. Follow these steps for careful unboxing:

1. **Open the Metal Tin:** Carefully open the metal tin packaging. The tin is printed with full-color pictures of the replica model and the real machine.
2. **Remove Protective Cushioning:** The model is nestled in soft foam cushioning. Gently remove the foam layers to access the model.
3. **Extract the Model:** Carefully lift the model from its packaging. Avoid pulling on delicate parts such as mirrors, railings, or small attachments.
4. **Inspect for Damage:** Before handling, inspect the model for any signs of damage that may have occurred during shipping.

Retain the metal tin and foam cushioning for future storage or transport of the model.

PREMIUM COLLECTOR'S PACKAGING



- ✓ Full-Color printed metal box
- ✓ Key specs of the real machine also listed
- ✓ Photos of replica model and real Cat machine in use
- ✓ Model nestled in soft foam cushioning

Image 3.1: The premium collector's metal tin packaging for the model.

4. OPERATING THE MODEL'S MOVABLE PARTS

This diecast model features several movable parts for realistic posing and display. Handle all moving components gently to prevent damage.

- **Steering:** The front wheels feature realistic steering. Gently turn the front wheels to adjust the model's direction.
- **Free-Rolling Tires:** The rubber tires are designed to roll freely. The model can be pushed or pulled on smooth surfaces.
- **Front Loader:**
 - **Lift Arms:** The front lift arms can be raised and lowered.
 - **Front Bucket:** The front bucket can be tilted and articulated.
 - **Quick Coupler:** The working quick coupler allows for the attachment and detachment of the front bucket, pallet fork, and material handling arm. Gently slide attachments into place.
- **Rear Backhoe:**
 - **Boom and Stick:** The backhoe boom and stick are articulated and can be extended and retracted.

- **Digging Bucket:** The rear digging bucket can be tilted and articulated.
- **Rear Attachments:** The H70 hydraulic impact hammer and auger can be attached to the backhoe.
- **Rear Outriggers:** The rear outriggers can be extended downwards for stability and retracted upwards for transport.
- **Stabilizers:** The working stabilizer legs can be folded up and down.

Always operate movable parts with light pressure. Avoid forcing components, as this may cause damage.



ADULT COLLECTIBLE DIE-CAST MODEL

- ✓ Ideal for 1:50 Scale dioramas and heavy equipment collections
- ✓ Can be displayed in several working poses or folded up completely as transport on a lowboy

Image 4.1: The model displayed in a working pose, demonstrating its articulation and movable parts.

5. MAINTENANCE AND CARE

Proper care will help preserve the detail and finish of your diecast model for years to come.

- **Cleaning:** Use a soft, dry cloth or a soft brush to gently remove dust. For stubborn dirt, a slightly damp cloth with plain water can be used, followed immediately by a dry cloth. Avoid harsh chemicals or abrasive cleaners.
- **Handling:** Always handle the model by its main body. Avoid touching or gripping delicate parts like mirrors, antennas, or small hydraulic lines, as these can bend or break.

- **Storage:** Store the model in a cool, dry place away from direct sunlight and extreme temperature fluctuations. The original metal tin provides excellent protection.
- **Display:** If displaying outside the tin, ensure it is on a stable surface where it cannot be easily knocked over.

6. TROUBLESHOOTING

While Diecast Masters models are built with precision, minor issues can sometimes occur. Here are some common points:

- **Stiff Moving Parts:** If a joint or movable part feels stiff, do not force it. Gently try to articulate it in its intended range of motion. Sometimes, a very small amount of dry lubricant (like graphite powder, applied with extreme caution and sparingly) can help, but this is generally not recommended for painted surfaces.
- **Loose Parts:** If a small part becomes loose, it may be possible to reattach it using a tiny drop of model-specific adhesive. Exercise extreme caution to avoid excess glue on painted surfaces or moving parts.
- **Paint Chipping:** Diecast models are susceptible to paint chipping if handled roughly or if parts rub together excessively. Handle with care to minimize this.

For significant issues or manufacturing defects, please refer to the support information in Section 8.

7. SPECIFICATIONS

Specification	Detail
Model Number	85234
Scale	1:50
Product Dimensions	5.12 x 5.12 x 9.45 inches (approximate)
Item Weight	1.93 pounds
Material	Die-cast metal and plastic components
Recommended Age	14 years and up (Adult Collectible)
Manufacturer	Diecast Masters

8. WARRANTY AND SUPPORT

Diecast Masters products are manufactured to high standards. Specific warranty details are typically provided with the product packaging or can be obtained directly from the manufacturer.

For product support, inquiries regarding defects, or replacement parts, please contact Diecast Masters directly through their official website or customer service channels. Please have your model number (85234) and purchase information available when contacting support.

You can visit the official Diecast Masters store for more information:[Diecast Masters Store](#)

