

CaDA C64005W

CaDA C64005w Alfa Romeo F1 Race Car C42 Building Blocks Set

Instruction Manual

- [Overview](#)
[Features](#)
- [Safety Information](#)
[Maintenance](#)
- [Setup & Assembly](#)
[Troubleshooting](#)
- [Operating](#)
[Specifications](#)

1. PRODUCT OVERVIEW

The CaDA C64005w Alfa Romeo F1 Race Car C42 Building Blocks Set is a highly detailed 1:8 scale replica of the Alfa Romeo F1 Team's C42 car from the 2022 season. This set comprises 1,868 precision-engineered building blocks, designed to provide an engaging and educational building experience. Once assembled, the model features dynamic V6 engine functions, steering-wheel linkage steering, independent suspension, and a differential for precise cornering, making it an excellent display piece and collectible.



Image 1.1: The CaDA C64005w Alfa Romeo F1 Race Car C42 Building Blocks Set, showcasing the assembled model alongside its packaging.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.

This product contains small parts which may pose a choking hazard. Adult supervision is recommended during assembly and play, especially for younger individuals. Please keep all components out of reach of children under 3 years of age.



Image 2.1: Rear view of the product packaging, displaying safety warnings and product information.

3. SETUP AND ASSEMBLY

The CaDA C64005w set includes detailed assembly instructions designed to guide you through each step of the building process. It is recommended to organize all 1,868 pieces before beginning assembly to ensure a smooth experience.

3.1. Preparation

- Unpack all bags containing building blocks and instruction manuals.
- Sort pieces by color, size, or type to facilitate easier identification during assembly.
- Ensure you have a clean, well-lit, and spacious work area.

3.2. Assembly Process

1. Follow the step-by-step instructions provided in the manual carefully. Each step is clearly illustrated.
2. Pay close attention to the orientation and placement of each block to ensure structural integrity and proper functionality of moving parts.
3. Some pieces may fit tightly; apply gentle, even pressure to connect them.
4. If a step seems unclear, refer to the accompanying diagrams and re-read the instructions.
5. The assembly includes intricate details such as the V6 engine, steering mechanism, and suspension system. Ensure these components are assembled precisely for optimal performance.

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Image 3.1: The fully assembled CaDA C64005w Alfa Romeo F1 Race Car C42 model, showcasing its detailed design.

4. OPERATING FEATURES

Once assembled, the CaDA C64005w model offers several functional features that replicate aspects of a real F1 race car.

- **Steering Function:** The steering wheel is linked to the front wheels, allowing for manual steering control. Gently turn the steering wheel to observe the front wheels pivot.
- **V6 Engine with Working Pistons:** The model incorporates a simulated V6 engine with working pistons. Observe the piston movement when the rear wheels are turned.
- **Independent Suspension:** The four-wheel independent suspension system allows the wheels to move independently, mimicking the shock absorption of a real vehicle. Gently press down on the model to observe the suspension compression.
- **Differential:** The integrated differential allows the rear wheels to rotate at different speeds during turns,

enhancing the model's realism.

- **Openable Components:** The tail and engine compartment can be manually opened and closed, revealing internal details.

Aerodynamic design

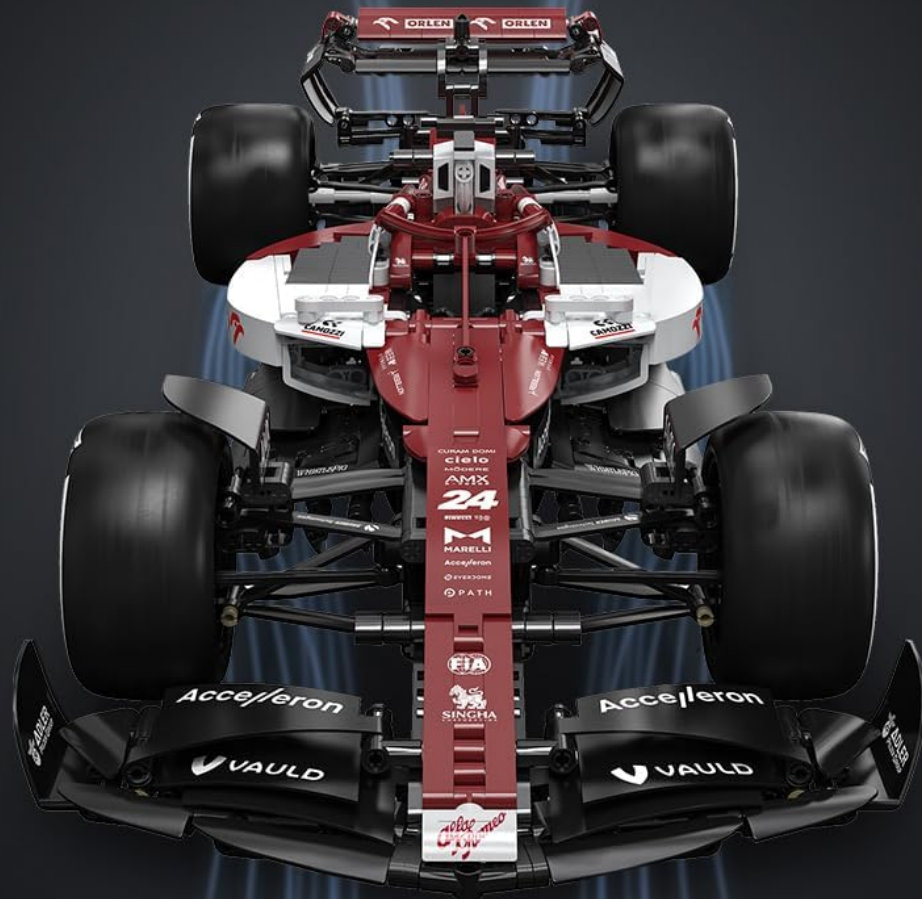
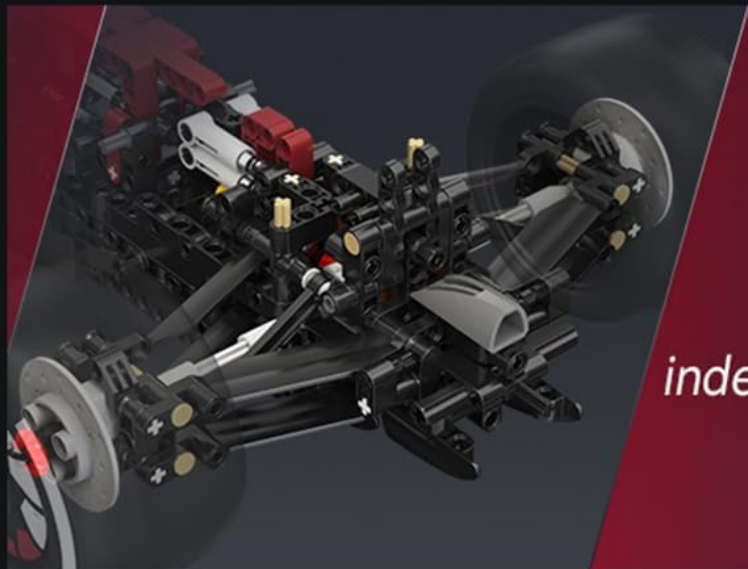


Image 4.1: Illustration of the working steering wheel and V6 engine with moving pistons.



*Sophisticated
suspension system*



*Front and rear
independent suspension*

Image 4.2: Detailed view of the sophisticated and independent suspension system.

5. MAINTENANCE

To ensure the longevity and appearance of your CaDA C64005w model, follow these simple maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry cloth or a soft brush. For stubborn dirt, a slightly damp cloth can be used, but avoid excessive moisture.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent discoloration or warping of the plastic blocks.
- **Handling:** Handle the model with care, especially when moving it, to avoid accidental detachment of parts.
- **Missing Pieces:** As there are many particles, please keep them properly. If you encounter any missing pieces during assembly, please contact customer support for assistance.

6. TROUBLESHOOTING

This section addresses common issues you might encounter during the assembly or use of your CaDA C64005w model.

Problem	Possible Cause	Solution
Missing pieces	Pieces may have been misplaced during unpacking or assembly.	Carefully check your work area and packaging. If still missing, contact CaDA customer support with details of the missing parts.
Parts do not fit together	Incorrect part selection or improper alignment.	Double-check the instruction manual for the correct part and orientation. Ensure parts are aligned properly before applying pressure.
Model is unstable or wobbly	Loose connections or incorrect assembly of structural components.	Review previous steps in the instruction manual to identify any loose or incorrectly assembled sections. Re-secure connections.
Functional features (steering, engine) not working smoothly	Misalignment or obstruction in the internal mechanisms.	Carefully inspect the relevant sections (e.g., steering linkage, engine pistons) for any misaligned or jammed parts. Ensure all connections are secure but not overly tight.

7. PRODUCT SPECIFICATIONS

Model Number: C64005W

Scale: 1:8

Number of Pieces: 1,868

Product Dimensions (L x W x H): 66 cm x 25 cm x 12 cm (25.98 x 9.84 x 4.72 inches)

Item Weight: 8.68 pounds

Recommended Age: 15 years and up

Brand: CaDA

Material: Environmentally friendly materials, high precision injection molds

Working steering wheel V6 engine with working pistons



Image 7.1: Diagram illustrating the dimensions of the assembled CaDA C64005w model.

8. WARRANTY AND SUPPORT

For any questions regarding assembly, missing parts, or product functionality, please contact CaDA customer support. Detailed assembly instructions are included with the product, and further assistance can be obtained directly from the manufacturer.

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

