

## Tamiya 12042-000

# 1/12 Martini Brabham BT44B 1975 Model Kit

## INSTRUCTION MANUAL

### 1. INTRODUCTION

This manual provides detailed instructions for the assembly, care, and maintenance of your Tamiya 1/12 scale Martini Brabham BT44B 1975 plastic model kit (Model Number: 12042-000). This highly detailed static display model accurately replicates the iconic 1975 Formula One racing car. It is designed for experienced modelers aged 14 and up, requiring glue, paint, and assembly.



Figure 1.1: Fully assembled Tamiya 1/12 Martini Brabham BT44B 1975 model kit. The model features a white body with distinctive blue and red Martini racing stripes, the number 8 on the front and sides, and detailed engine components visible at the rear. The large rear wing and front spoiler are prominent.

### 2. SAFETY INFORMATION

Please read all instructions carefully before beginning assembly. This product is a static model kit and is **not a toy**. It contains small parts that may pose a choking hazard for young children. Keep all components, especially glue and paint, out of reach of children under 14 years of age. Use glue and paint in a well-ventilated area as directed by their respective manufacturers.

- Adult supervision is recommended for younger modelers.

- Always use appropriate safety equipment, such as eye protection, when cutting or sanding parts.
- Dispose of waste materials responsibly.

### 3. PACKAGE CONTENTS

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Verify that all components are present before starting assembly. The kit includes:

- Plastic parts for the 1/12 scale Martini Brabham BT44B 1975 model (over 300 parts).
- Synthetic rubber tires.
- Soft plastic depictions of seats and drive shaft boots.
- Faux cloth stickers (decals) for markings (including car numbers 7 and 8).
- Photo-etched parts for enhanced detail.
- Aluminum air funnels.
- Instruction manual (this document).
- *Note: Glue and paint are sold separately and are required for assembly.*

### 4. ASSEMBLY INSTRUCTIONS

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This model kit requires careful assembly, painting, and detailing. Follow the step-by-step diagrams and instructions provided in the included instruction booklet for best results. A skill level of 5 is recommended for this kit, indicating it is for accomplished modelers.

#### 4.1. Preparation

- Organize all parts by sprue number.
- Prepare your workspace with good lighting and ventilation.
- Gather necessary tools: hobby knife, nippers, files, sandpaper, tweezers, various brushes, and appropriate plastic model glue and paints.

#### 4.2. Key Assembly Steps

1. **Chassis and Suspension:** Assemble the main chassis components. The kit features moveable suspension using coil springs, requiring careful alignment and attachment.
2. **Engine Assembly:** Construct the highly detailed V8 engine. Pay close attention to the routing of fuel pipes and ignition cables for realistic depiction.
3. **Steering Mechanism:** Assemble the working steering wheel linked to the front wheels. Ensure smooth operation.
4. **Bodywork and Detachable Parts:** Attach the main body panels. The front fairing, cockpit fairing, and induction box are designed to be detachable, allowing for display of internal details.
5. **Tires and Wheels:** Mount the synthetic rubber tires onto the wheel hubs.
6. **Interior Details:** Install the soft plastic seats and other cockpit elements.
7. **Photo-Etched Parts:** Carefully attach the photo-etched parts for fine details, such as seatbelts, using appropriate adhesive.
8. **Painting:** Follow the recommended paint scheme in the instruction booklet. Apply thin, even coats for a smooth finish.
9. **Decals:** Apply the faux cloth stickers (decals) for the Martini racing livery and car numbers (7 or 8). Use decal setting solution for a seamless look.

### 5. CARE AND MAINTENANCE

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To preserve the appearance of your Tamiya Martini Brabham BT44B model, follow these care guidelines:

- **Cleaning:** Dust the model regularly with a soft, dry brush or a microfiber cloth. Avoid using harsh chemicals or abrasive cleaners, which can damage the paint and plastic.
- **Display:** Display the model in a cool, dry place away from direct sunlight to prevent fading of paint and decals. Avoid extreme temperature fluctuations.
- **Handling:** Handle the model carefully, grasping it by the main body or chassis. Avoid putting pressure on delicate parts like wings, mirrors, or antennas.

## 6. TROUBLESHOOTING TIPS (ASSEMBLY)

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Encountering challenges during model assembly is common. Here are some general tips:

- **Part Fit Issues:** If parts do not fit perfectly, gently sand or trim excess plastic. Test fit parts before applying glue.
- **Paint Application:** If paint appears uneven or too thick, thin it slightly with appropriate thinner and apply multiple thin coats instead of one thick coat. Ensure each coat is dry before applying the next.
- **Decal Silvering:** If decals show a silvery film after drying, ensure the surface was glossy before application. Use a decal setting solution to help them conform better and eliminate air bubbles.
- **Lost Parts:** If a small part is lost, check the floor carefully. For critical parts, contact Tamiya customer support for potential replacements or advice.
- **Refer to Instructions:** Always re-read the specific steps in the included instruction booklet if you encounter difficulties. Diagrams are crucial for complex assemblies.

## 7. SPECIFICATIONS

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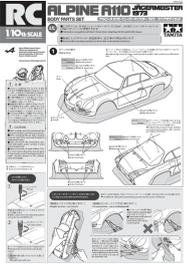
Feature	Detail
Model Name	1975 Martini Brabham BT44B 1/12 Scale Plastic Model Kit
Model Number	12042-000
Brand	Tamiya
Scale	1:12
Approximate Length	355mm (13.9 inches)
Approximate Width	160mm (6.299 inches)
Approximate Height	109mm (4.29 inches)
Material	Plastic (with synthetic rubber, soft plastic, photo-etched parts, aluminum)
Number of Parts	Over 300
Skill Level	5 (for accomplished modelers)
Recommended Age	14 years and up
Assembly Required	Yes (Glue and paint sold separately)

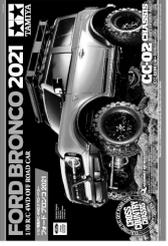
## 8. WARRANTY AND SUPPORT

Tamiya products are manufactured to high standards. For any questions regarding missing parts, manufacturing defects, or assembly assistance, please refer to the contact information provided on the product packaging or visit the official Tamiya website. Specific warranty details, if applicable, are typically outlined within the product's original packaging or on the manufacturer's official support channels.

*Please retain your proof of purchase for any warranty claims or support inquiries.*

### Related Documents

	<p><a href="#">Tamiya 1/12 Yamaha SRX600 Model Kit Assembly and Painting Guide</a></p> <p>Comprehensive guide for assembling and painting the Tamiya 1/12 scale Yamaha SRX600 motorcycle model kit. Includes pre-assembly checks, tool list, paint color references, detailed step-by-step assembly instructions, and decal application tips.</p>
	<p><a href="#">Tamiya Hornet EVO 1/10 Scale R/C High Performance Off-Road Racer Assembly Manual</a></p> <p>Comprehensive assembly manual for the Tamiya Hornet EVO 1/10 scale R/C off-road racing buggy. Includes parts lists, assembly instructions, and maintenance tips.</p>
	<p><a href="#">Tamiya 1/10th Scale RC Alpine A110 Jägermeister Body Parts Set Instructions</a></p> <p>Detailed instructions for assembling and painting the Tamiya 1/10th Scale RC Alpine A110 Jägermeister Body Parts Set, including cutting, painting, and decal application guidance.</p>



### [Tamiya 1/10 Ford Bronco 2021 CC-02 Chassis Assembly Instructions](#)

Comprehensive assembly instructions for the Tamiya 1/10 R/C 4WD Off Road Car, Ford Bronco 2021, featuring the CC-02 chassis. This guide details part identification, assembly steps, painting, and setup for the model kit.