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TAMIYA 24218

Tamiya 24218 Subaru Impreza WRC '99 1:24 Scale Model Kit Instruction Manual

Model: 24218

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1. INTRODUCTION

This instruction manual provides detailed guidance for assembling the Tamiya 24218 1:24 Scale Subaru Impreza WRC '99 model kit. This kit allows enthusiasts to recreate the iconic rally car with precision and detail. Please read through all instructions carefully before beginning assembly to ensure a smooth and enjoyable building experience.



Figure 1.1: The Tamiya 24218 Subaru Impreza WRC '99 model kit box art, showcasing the finished model.

2. SAFETY INFORMATION

Please observe the following safety precautions during assembly:

- **Small Parts:** This kit contains small parts that may pose a choking hazard. Keep out of reach of small children.
- **Sharp Tools:** Assembly requires the use of sharp tools such as hobby knives and nippers. Handle with care to prevent injury.
- **Adhesives and Paints:** Use model adhesives and paints in a well-ventilated area. Avoid prolonged inhalation of fumes. Follow the manufacturer's safety instructions for all chemical products.
- **Age Recommendation:** This model kit is recommended for individuals aged 10 years and up.
- **Disposal:** Dispose of waste materials, including plastic sprues and empty paint containers, according to local regulations.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your kit before beginning assembly. If any parts are missing or damaged, please contact your retailer or Tamiya customer support.

- Plastic parts sprues (various colors, typically blue and clear)
- Rubber tires
- Decal sheet

- Instruction manual (paper version)



Figure 3.1: An example of the kit contents, showing various plastic sprues within the box.

4. ASSEMBLY INSTRUCTIONS (SETUP)

Assembly of the Tamiya Subaru Impreza WRC '99 model kit involves several stages. Refer to the detailed diagrams and step-by-step instructions provided in the physical manual included with your kit for precise guidance.

4.1. Preparation

- **Read Instructions:** Thoroughly review the entire instruction manual before starting.
- **Gather Tools:** Prepare necessary tools such as nippers, hobby knife, files, sandpaper, tweezers, and model cement.
- **Workspace:** Ensure a clean, well-lit, and well-ventilated workspace.

4.2. Part Removal and Cleaning

- Carefully cut parts from the sprues using nippers.

- Trim any excess plastic (flash) or nubs using a hobby knife or file.
- Wash parts with mild soap and water to remove mold release agents, then allow them to dry completely.

4.3. Step-by-Step Assembly

Follow the numbered steps and diagrams in the included paper manual. Each step typically involves:

1. Identifying the required parts by their sprue letter and part number.
2. Attaching parts using model cement. Apply sparingly to avoid damaging the plastic.
3. Allowing sufficient drying time for adhesive before proceeding to the next step.
4. Assembling sub-assemblies such as the engine, chassis, interior, and body separately before combining them.



Figure 4.1: An example of a Tamiya instruction sheet, illustrating detailed assembly steps and part identification.

5. PAINTING AND DECAL APPLICATION

Painting and decal application are crucial for achieving a realistic finish for your model.

5.1. Painting

- Color Codes:** The instruction manual provides specific Tamiya paint color codes for each part.
- Preparation:** Ensure parts are clean and free of dust before painting. Priming is recommended for better paint adhesion and a uniform finish.

- **Application:** Apply paint in thin, even coats. Allow each coat to dry thoroughly before applying the next.
- **Detail Painting:** Use fine brushes for small details and masking tape for sharp lines.

5.2. Decal Application

- **Preparation:** Apply a gloss clear coat to the areas where decals will be placed to prevent 'silvering'.
- **Cutting:** Carefully cut out each decal from the sheet.
- **Soaking:** Dip the decal in lukewarm water for a few seconds until it can slide freely from the backing paper.
- **Placement:** Slide the decal onto the model surface. Use tweezers and a soft brush to position it correctly.
- **Setting Solutions:** Use decal setting solutions to help the decal conform to irregular surfaces and eliminate air bubbles.
- **Sealing:** Once decals are dry, apply a final clear coat (gloss or matte, depending on desired finish) to protect them.



Figure 5.1: A completed Tamiya Subaru Impreza WRC '99 model, demonstrating the results of careful assembly, painting, and decal application.

6. MAINTENANCE

Once assembled, your Tamiya model requires minimal maintenance to preserve its appearance.

- **Cleaning:** Dust your model regularly with a soft, dry brush or a microfiber cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the model in a cool, dry place away from direct sunlight, which can cause paint fading and plastic degradation.

- **Handling:** Handle the model carefully, avoiding excessive pressure on delicate parts.

7. TROUBLESHOOTING

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

- **Parts Not Fitting:** Ensure you are using the correct parts for the step. Sometimes, a small amount of sanding or filing may be required for a perfect fit.
- **Paint Issues:** If paint appears uneven or peels, ensure the surface was clean and primed, and that paint was applied in thin coats. Humidity can also affect paint drying.
- **Decal Silvering:** This occurs when air is trapped under the decal. Ensure a gloss surface before application and use decal setting solutions.
- **Missing Parts:** Double-check the sprues and packaging. If a part is genuinely missing, contact Tamiya customer support or your retailer.

8. SPECIFICATIONS

Feature	Detail
Brand	TAMIYA
Model Number	24218
Scale	1:24
Theme	Vehicle (Subaru Impreza WRC '99)
Material	Plastic
Item Dimensions (L x W x H)	2.48 x 13.98 x 7.87 inches
Item Weight	5.6 ounces (160 Grams)
Included Components	Assembly kit
Recommended Age	10 years and up
Release Date	April 30, 2019

9. WARRANTY AND SUPPORT

Tamiya is committed to providing high-quality model kits. While specific warranty details are typically provided with the product packaging or on the manufacturer's official website, general support information is as follows:

- **Product Quality:** Tamiya products are manufactured to high standards. If you encounter any manufacturing defects, please retain your proof of purchase.
- **Missing or Damaged Parts:** For assistance with missing or damaged parts, please contact the retailer where you purchased the kit or refer to the Tamiya official website for customer service contact information in your region.
- **Technical Assistance:** For assembly tips, painting advice, or other technical questions, Tamiya's official resources and online communities can be valuable sources of information.

Please visit the official Tamiya website for the most current support and warranty information.

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Related Documents - 24218

	<p><u>Tamiya 1/24 Peugeot 307 WRC Monte Carlo '05 Model Kit Assembly Instructions</u> Detailed assembly instructions and painting guide for the Tamiya 1/24 scale model kit of the Peugeot 307 WRC, which competed in the 2005 Monte Carlo Rally. Includes parts list, tool recommendations, paint codes, and decal application tips.</p>
	<p><u>Tamiya Toyota Celica GT-Four Rally (TA01) Model Kit Assembly Instructions</u> Comprehensive assembly guide for the Tamiya Toyota Celica GT-Four Rally (TA01) radio-controlled model car kit, detailing parts, tools, and construction steps.</p>
	<p><u>Tamiya 1/12 Yamaha SRX600 Model Kit Assembly and Painting Guide</u> 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><u>Tamiya 1/24 Ferrari FXX Model Kit Assembly Guide</u> Comprehensive assembly instructions and painting guide for the Tamiya 1/24 scale Ferrari FXX model kit. Includes detailed steps, recommended tools, paints, and safety information for building this high-performance sports car replica.</p>



[Tamiya 1/24 Jeep Wrangler Open-Top Model Kit Assembly Instructions](#)

Comprehensive assembly instructions for the Tamiya 1/24 scale Jeep Wrangler Open-Top model kit (Item 24154). Includes detailed steps, parts lists, painting guides, and decal application instructions for building a replica of the iconic Jeep Wrangler.



[Grumman F-14D Tomcat 1/72 Scale Model Kit Assembly Instructions](#)

Detailed assembly instructions and painting guide for the Tamiya 1/72 scale Grumman F-14D Tomcat model kit (Item 60795), featuring step-by-step guidance, paint schemes, marking options, and ordnance details.