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› Tamiya Porsche 911 Turbo 1988 1/24 Model Kit Instruction Manual

TAMIYA 24279

Tamiya Porsche 911 Turbo 1988 1/24 Model Kit Instruction Manual

Model Number: 24279

1. INTRODUCTION

This manual provides detailed instructions for assembling the Tamiya 1/24 scale Porsche 911 Turbo (1988) model kit. Please read all instructions carefully before beginning assembly. This kit is designed for hobbyists and requires assembly, painting, and gluing.

The Porsche 911 Turbo, a renowned vehicle from the 911 series, is celebrated for its distinctive design and performance. This 1/24 scale assembly kit faithfully recreates its iconic style, including the characteristic front and rear over-fenders and the prominent large-size rear wing.



Figure 1.1: An example of the fully assembled Tamiya Porsche 911 Turbo 1988 model kit in silver. This image showcases the

detailed exterior, including the headlights, front bumper, and the iconic 'Turbo' badge.

2. SAFETY INFORMATION

- **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 side cutters. Exercise caution to prevent injury.
- **Adhesives and Paints:** Use plastic cement and paints in a well-ventilated area. Refer to the specific product instructions for glue and paint for proper handling and safety precautions. Avoid prolonged skin contact and inhalation of fumes.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PACKAGE CONTENTS

Upon opening the box, verify that all components are present. The kit typically includes:

- Plastic model kit components for the Porsche 911 Turbo 1988 (multiple sprues).
- Synthetic rubber tires with realistic tread patterns.
- Clear plastic parts for windows and lights.
- Metal transfers for mirrors and logo details.
- Instruction manual and decal sheet.

Note: Glue and paint are sold separately and are not included in this kit.



Figure 3.1: The packaging for the Tamiya Porsche 911 Turbo 1988 model kit. The box art displays the assembled model and key product information.

4. SETUP: TOOLS REQUIRED

Before beginning assembly, gather the following essential tools:

- **Side Cutters:** For cleanly removing parts from the plastic sprues.
- **Hobby Knife:** For trimming excess plastic (flash) and fine detailing.
- **Plastic Cement:** Specifically designed for bonding plastic model parts.
- **Tweezers:** Useful for handling small parts and applying decals.
- **Sandpaper/Sanding Sticks:** Various grits (e.g., 400, 800, 1200) for smoothing surfaces.
- **Paint Brushes:** Assorted sizes for detailed painting.
- **Paints:** Acrylic or enamel model paints in desired colors (e.g., silver, black, red for taillights, amber for turn signals).
- **Cutting Mat:** To protect your work surface.

5. ASSEMBLY INSTRUCTIONS

Follow the numbered steps in the included diagrammatic instruction sheet for precise assembly. The general sequence is as follows:

1. **Part Preparation:** Carefully remove parts from the sprues using side cutters. Trim any excess plastic (flash) with a hobby knife and smooth edges with fine sandpaper.
2. **Chassis Assembly:** Begin by assembling the chassis components. This includes the floor pan, suspension parts, and exhaust system. The underside of the model features realistic engine detailing with a separately molded exhaust pipe.
3. **Interior Assembly:** Assemble the interior components such as the dashboard, seats, and steering wheel. Paint these parts according to your preference before gluing them into the chassis.
4. **Body Assembly:** Attach the front and rear over-fenders to the main body shell. Ensure a clean fit before applying cement.
5. **Wheel and Tire Assembly:** Mount the synthetic rubber tires onto the wheel rims. Attach the assembled wheels to the chassis.
6. **Exterior Detailing:** Attach exterior components such as headlights, taillights, mirrors, and the large-size rear wing. Use the provided metal transfers for the mirrors and the 'Porsche' and 'Turbo' logos for a realistic finish.
7. **Window Installation:** Carefully install the clear plastic window parts. Use a clear-drying adhesive to avoid fogging.
8. **Final Assembly:** Join the completed chassis/interior assembly with the painted body shell.



Figure 5.1: Technical drawings illustrating the side, front, and rear profiles of the Porsche 911 Turbo 1988. These diagrams are useful for understanding the overall structure and proportions during assembly.



Figure 5.2: A detailed close-up of the front section of the model, highlighting the 'Turbo' badge, headlights, and turn signals. This view is helpful for precise application of decals and paint details.

6. PAINTING AND FINISHING

Painting is a crucial step for achieving a realistic finish. It is recommended to paint parts before assembly where possible, especially for interior components and small details.

- **Surface Preparation:** Ensure all surfaces are clean, dry, and free of dust or grease before painting. A light primer coat can improve paint adhesion.
- **Paint Application:** Apply paint in thin, even coats to avoid obscuring details. Multiple thin coats are better than one thick coat. Allow each coat to dry thoroughly before applying the next.
- **Color Matching:** Refer to reference images of the 1988 Porsche 911 Turbo for accurate color schemes. The kit can be finished in various colors, such as the classic silver or red. The original product description mentions a 'Pearl' paint type, which can be replicated with appropriate model paints.
- **Decals and Transfers:** Apply decals and metal transfers after painting and a clear gloss coat. Use decal setting solutions for a seamless look.



Figure 6.1: A side-rear view of the assembled silver Porsche 911 Turbo model. This image demonstrates the finished appearance, including the rear wing and wheel details, which are enhanced by careful painting and finishing.

7. MAINTENANCE

Once assembled, proper care will preserve the appearance of your model.

- **Cleaning:** Dust the model regularly with a soft brush or a can of compressed air. Avoid using harsh chemicals or abrasive materials, which can damage paint and plastic.
- **Handling:** Handle the model carefully, preferably by the base or chassis, to avoid damaging delicate parts.
- **Storage:** Store the model in a display case or a dust-free environment away from direct sunlight and extreme temperature fluctuations. Prolonged exposure to sunlight can cause paint fading and plastic degradation.

8. TROUBLESHOOTING

Common issues encountered during model kit assembly and their solutions:

- **Parts Not Fitting:** Ensure all mold lines and excess plastic (flash) are completely removed from the parts. Test fit components before applying adhesive. If a part is slightly warped, gentle heat (e.g., from warm water) can sometimes be used to reshape it, but proceed with caution.
- **Poor Paint Adhesion:** Ensure the plastic surface is clean and free of oils or mold release agents. Wash parts with mild soap and water, then rinse thoroughly and allow to dry before priming and painting.
- **Bubbles in Paint:** This often occurs from applying paint too thickly or painting in humid conditions. Apply multiple thin coats instead of one thick coat.
- **Decal Silvering:** If decals appear silvery or have air trapped underneath, apply a gloss coat before decals and use a decal setting solution to help them conform to the surface and eliminate air bubbles.
- **Missing or Damaged Parts:** If you discover missing or significantly damaged parts upon opening the kit, contact Tamiya customer service with your proof of purchase and the kit's model number.

9. SPECIFICATIONS

Feature	Detail
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Brand	TAMIYA
Model Name	TAM24279
Item Model Number	24279
Scale	1/24
Material	Plastic
Product Dimensions (L x W x H)	11.73 x 7.56 x 2.91 inches
Item Weight	5.6 ounces
Theme	Automobile
Age Range (Description)	Kid
Included Components (in box)	Plastic model parts, synthetic rubber tires, metal transfers
Required (Not Included)	Glue, Paint

10. WARRANTY AND SUPPORT

As a plastic model kit, this product typically does not come with an extended manufacturer's warranty beyond ensuring that all components are present and free from manufacturing defects upon purchase.

For support regarding missing or defective parts, or for technical assistance with assembly, please contact Tamiya customer service directly. You may need to provide proof of purchase and the model kit's specific item number (24279).

Tamiya's official website often provides additional resources, tips, and contact information for customer support. Please visit their website for the most current support options.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question