TAMIYA 24078

Tamiya 24078 Nissan Silvia K's Model Kit Instruction Manual

Model: 24078 | Brand: TAMIYA

Introduction Parts List Tools & Paints Assembly Finishing & Setup Maintenance Specifications Support

1. Introduction

This manual provides detailed instructions for assembling and finishing your Tamiya 24078 Nissan Silvia K's plastic model kit. Please read all instructions carefully before beginning assembly. This kit is designed for hobbyists aged Teen and Adult.



Image 1.1: The Tamiya 24078 Nissan Silvia K's model kit box, showcasing the finished model.

2. Parts List

The Tamiya 24078 Nissan Silvia K's model kit includes various plastic parts necessary for assembly. Before starting, carefully check all components against the kit's internal parts diagram (refer to the physical instruction sheet included in your kit) to ensure all pieces are present and undamaged.

- Plastic model parts (various sprues)
- Decal sheet
- Clear parts (windows, lights)
- Rubber tires
- Metal axles (if applicable)
- Instruction manual (this document is a digital guide)

Note: Small parts are included. Keep out of reach of small children.

3. Recommended Tools and Paints

Successful assembly and finishing of your model kit require specific tools and paints. The following are recommended for optimal results:

3.1. Recommended Tools



Image 3.1: Visual guide to recommended tools and adhesives for model kit assembly.

- **Hobby Knife / Cutter:** For precise cutting of parts from sprues.

- **Side Cutters:** For safely removing larger parts from sprues.
- **Tweezers:** Essential for handling small parts and decals.
- **Small Files** / **Sandpaper:** For cleaning up sprue marks and smoothing surfaces.
- **Plastic Cement:** Specifically designed for bonding plastic model parts.
- **Masking Tape:** For precise painting and protecting areas.
- **Paint Brushes:** Various sizes for detailed painting.
- **Decal Setting Solution:** To help decals conform to surfaces and prevent silvering.

3.2. Recommended Paints

The following Tamiya XF (flat acrylic), X (gloss acrylic), and TS (spray for plastics) paints are recommended to achieve the authentic look of the Nissan Silvia K's. Refer to the color chart below for specific paint codes.



Art. Nr	Bezeichnung
300081301	XF-1 Schwarz matt 23ml
300081316	XF-16 Aluminium matt 23ml
300081352	XF-52 Erde matt 23ml
300081353	XF-53 Neutral Grau matt 23ml
300081356	XF-56 Metallic Grau matt 23ml
300081364	XF-64 Rot-Braun matt 23ml
300081001	X -1 Schwarz glänzend 23 ml
300081002	X -2 Weiß glänzend 23 ml
300081003	X- 3 Königsblau glänzend 23 ml
300081006	X -6 Orange glänzend 23 ml
300081007	X-7 Rot glänzend 23 ml
300081009	X -9 Braun glänzend 23 ml
300081011	X-11 Chrom Silber glänzend 23 ml
300081012	X-12 Blatt-Gold glänzend 23 ml
300081018	X-18 Schwarz seidenmatt 23ml
300081019	X-19 Rauch glänzend 23ml
300081023	X-23 Klar-Blau glänzend 23ml
300081024	X-24 Klar-Gelb glänzend 23ml
300081025	X-25 Klar-Grün glänzend 23ml
300081026	X-26 Klar-Orange glänzend 23ml
300081027	X-27 Klar-Rot glänzend 23ml
300081020	X-20A Verdünner 23ml Acryl
300085007	TS-7 Racing-Weiss glänzend 100ml
300085014	TS-14 Schwarz glänzend 100ml
300085017	TS-17 Aluminium Silber glänzend 100ml

Image 3.2: Tamiya paint chart showing recommended XF, X, and TS colors for the Nissan Silvia K's model.

- **XF-Acrylic Paints (Flat):** XF-1 Black, XF-16 Aluminium, XF-52 Earth, XF-53 Neutral Grey, XF-56 Metallic Grey, XF-64 Red Brown.
- **X-Acrylic Paints (Gloss):** X-1 Black, X-2 White, X-3 Royal Blue, X-6 Orange, X-7 Red, X-9 Brown, X-11 Chrome Silver, X-12 Gold, X-18 Semi Gloss Black, X-19 Smoke, X-23 Clear Blue, X-24 Clear Yellow, X-25 Clear Green, X-26 Clear Orange, X-27 Clear Red.
- **TS-Spray Paints for Plastics:** TS-7 Racing White, TS-14 Black, TS-17 Aluminium Silver.
- **X-20A Thinner:** For thinning acrylic paints.

4. Assembly Instructions

Follow the numbered steps in the physical instruction manual provided with your kit. The general process involves:

1. **Part Preparation:** Carefully cut parts from the sprues using side cutters or a hobby knife. Clean any excess plastic (flash) with a hobby knife or sandpaper.
2. **Sub-Assemblies:** Assemble smaller components first, such as the engine, interior, and chassis. Allow glue to dry completely before proceeding.
3. **Chassis Assembly:** Attach the suspension, wheels, and exhaust system to the chassis frame.
4. **Interior Assembly:** Assemble seats, dashboard, and other interior details. Paint these parts before final assembly into the body.
5. **Body Preparation:** Clean the body shell thoroughly. Fill any mold lines or imperfections with putty and sand smooth.
6. **Painting:** Apply primer, then base coats, and finally detail painting as per the recommended paint guide. Allow each coat to dry fully.
7. **Decal Application:** Apply decals according to the placement guide in your kit. Use decal setting solution for best results.
8. **Final Assembly:** Attach the interior, chassis, and clear parts (windows, lights) to the painted body shell.
9. **Detailing:** Add mirrors, wipers, and other small exterior details.

Always refer to the specific diagrams and instructions in your kit's manual for precise part identification and assembly order.

5. Finishing and Display Setup

Once assembly and painting are complete, your Tamiya Nissan Silvia K's model is ready for display.

- **Clear Coat:** For a durable finish and enhanced appearance, consider applying a clear topcoat (gloss or matte, depending on desired effect) over the painted and decaled surfaces.
- **Polishing:** If a high-gloss finish is desired, after the clear coat has fully cured, you may gently polish the body with fine polishing compounds designed for models.
- **Display:** Place your finished model on a stable, flat surface away from direct sunlight, extreme temperatures, and excessive dust to preserve its condition.

Video 5.1: A demonstration of a completed Tamiya Nissan Silvia K's model, showcasing its details and finish. (Note: No seller video was available for embedding based on the provided data.)

6. Maintenance

To keep your Tamiya Nissan Silvia K's model in pristine condition, follow these simple maintenance guidelines:

- **Dusting:** Regularly dust the model with a soft, dry brush or a can of compressed air. Avoid abrasive cloths that could scratch the paint.
- **Cleaning:** For stubborn dirt, lightly dampen a soft cloth with water (and a tiny amount of mild soap if necessary), gently wipe, and then immediately dry. Avoid harsh chemicals or solvents.
- **Storage:** If storing the model for an extended period, place it in a sealed display case or box to protect it from dust and environmental factors.
- **Handling:** Always handle the model by its base or sturdy parts to avoid damaging delicate details.

7. Troubleshooting Common Issues

Here are solutions to some common problems encountered during model kit assembly or with the finished product:

- **Parts Not Fitting:**
  - Ensure all sprue gates are completely removed and surfaces are smooth.
  - Check the instruction manual for correct part orientation.
  - If parts are slightly warped, gentle heat (e.g., from warm water) can sometimes help reshape them.
- **Poor Paint Finish:**
  - Ensure surfaces are clean and free of dust or oils before painting.
  - Apply paint in thin, even coats. Avoid thick coats which can obscure detail and cause runs.
  - Allow adequate drying time between coats.
  - Use appropriate primer for better paint adhesion.
- **Decal Silvering:**
  - Apply decals to a glossy surface.
  - Use decal setting and softening solutions to help decals conform to irregular surfaces and eliminate air bubbles.
- **Glue Marks:**
  - Use plastic cement sparingly.
  - If using liquid cement, apply with a fine brush to the joint, allowing capillary action to draw it in.

8. Product Specifications

Feature	Detail
Brand	TAMIYA
Model Name	NISSAN SILVIA K's
Item Model Number	24078
Material	Plastic
Scale	1:24 (implied by images, common for Tamiya car models)
Dimensions (L x W x H)	11.42 x 7.48 x 7.28 inches
Item Weight	8.5 ounces (240 Grams)
Number of Pieces	1 (refers to the kit, not individual parts)
Age Range	Teen, Adult
Paint Type	Acrylic (recommended)
Special Feature	Plastic model assembly kit

9. Warranty and Support

For any questions regarding missing parts, assembly difficulties, or product defects, please contact Tamiya customer

support directly. Refer to the contact information provided on the product packaging or the official Tamiya website.

Tamiya Official Website: www.tamiya.com

Warranty information is typically provided with the physical product. Please retain your proof of purchase.

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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