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› Tamiya 1/35 German 8-Ton Half-Track Sd.Kfz. 7/1 Plastic Model Kit Instruction Manual

TAMIYA 35050

Tamiya 1/35 German 8-Ton Half-Track Sd.Kfz. 7/1 Plastic Model Kit

Instruction Manual - Model 35050

INTRODUCTION

This manual provides detailed instructions for assembling the Tamiya 1/35 scale German 8-Ton Half-Track Sd.Kfz. 7/1 plastic model kit. The Sd.Kfz. 7 was a versatile German half-track military vehicle used extensively during World War II, primarily as a prime mover for artillery. This particular kit represents the Sd.Kfz. 7/1 variant, equipped with a 20mm four-barreled anti-aircraft machine gun (Flakvierling 38). This kit is designed for model enthusiasts and requires careful assembly, painting, and detailing to achieve an accurate replica.



Figure 1: Box art for the Tamiya 1/35 German 8-Ton Half-Track Sd.Kfz. 7/1 plastic model kit, showing the vehicle with its 20mm Flakvierling and crew in winter uniforms.

SAFETY INFORMATION

Please read and understand all safety warnings before beginning assembly.

- **Small Parts:** This kit contains small parts which may pose a choking hazard. Keep out of reach of young children. This product is not suitable for children.
- **Sharp Tools:** Assembly requires the use of sharp tools such as hobby knives and nippers. Always handle with care and keep fingers away from cutting edges.
- **Adhesives and Paints:** Use plastic model cement and paints in a well-ventilated area. Avoid inhaling fumes. Follow the manufacturer's safety instructions for all chemical products used.
- **Eye Protection:** Consider wearing eye protection during assembly, especially when cutting or sanding plastic parts.

PACKAGE CONTENTS

Verify that all components are present before starting assembly.

- Tamiya 1/35 German 8-Ton Half-Track Sd.Kfz. 7/1 Plastic Model Kit (Model 35050) components.
- Instruction booklet.
- Decal sheet.
- *Note: Adhesives, paints, and tools are sold separately and are required for assembly and finishing.*

ASSEMBLY INSTRUCTIONS

Follow the numbered steps in the included instruction booklet carefully. The following are general guidelines:

1. **Part Preparation:** Carefully cut parts from the sprues using nippers. Remove any excess plastic (flash) with a hobby knife or sanding stick. Test fit parts before applying adhesive.
2. **Adhesive Application:** Apply plastic model cement sparingly to bonding surfaces. Hold parts together until the adhesive sets. Ensure proper alignment.
3. **Sub-Assembly:** Assemble smaller components and sub-assemblies first, such as the chassis, engine (if applicable), interior, and weapon systems, before joining them to the main body.
4. **Track Assembly:** The kit features individual track links or rubber band tracks. Follow the specific instructions for your kit's track type. Ensure proper tension for rubber band tracks.
5. **Painting:** Refer to the painting guide in the instruction booklet for recommended colors and camouflage patterns. Apply primer before painting for better adhesion and finish. Use thin coats of paint to preserve detail.
6. **Decals:** Apply decals to a glossy surface for best results. Use decal setting solutions to help decals conform to irregular surfaces and eliminate silvering.
7. **Final Assembly:** Attach delicate parts, such as antennas, mirrors, and clear parts, after painting and decaling.



Figure 2: A completed Tamiya Sd.Kfz. 7/1 model, showcasing the detailed half-track and the mounted 20mm Flakvierling.

OPERATING AND DISPLAYING YOUR MODEL

Once assembled and painted, your Tamiya Sd.Kfz. 7/1 model is ready for display. While this is a static model, proper handling and display practices will ensure its longevity.

- **Handling:** Always handle the model by its sturdy base or main body. Avoid touching delicate parts like antennas, gun barrels, or figures, as they can break easily.
- **Display Location:** Display your model in a stable, level location away from direct sunlight, extreme temperatures, and high humidity. These conditions can cause paint fading, warping, or decal deterioration.
- **Dust Protection:** Consider displaying the model in a dust-proof display case to protect it from dust accumulation and accidental damage.

GERMAN 8ton SEMI TRACK 20mm FLAKVIERLING Sd.kfz 7/1

1/35 MILITARY MINIATURE SERIES NO.50 • FIVE REALISTIC FIGURES WEARING WINTER UNIFORM • MOVABLE GUN BARRELS AND GUN BASE • PLENTIFUL ACCESSORY PARTS • READY TO ASSEMBLE PRECISION MODEL KIT
• CEMENT AND PAINT NOT INCLUDED • MODELING SKILLS HELPFUL IF UNDER 10 YEARS OF AGE

1/35ミリタリーミニチュアシリーズNO.50
ドイツ8トンハーフトラック4連高射砲
価格別売

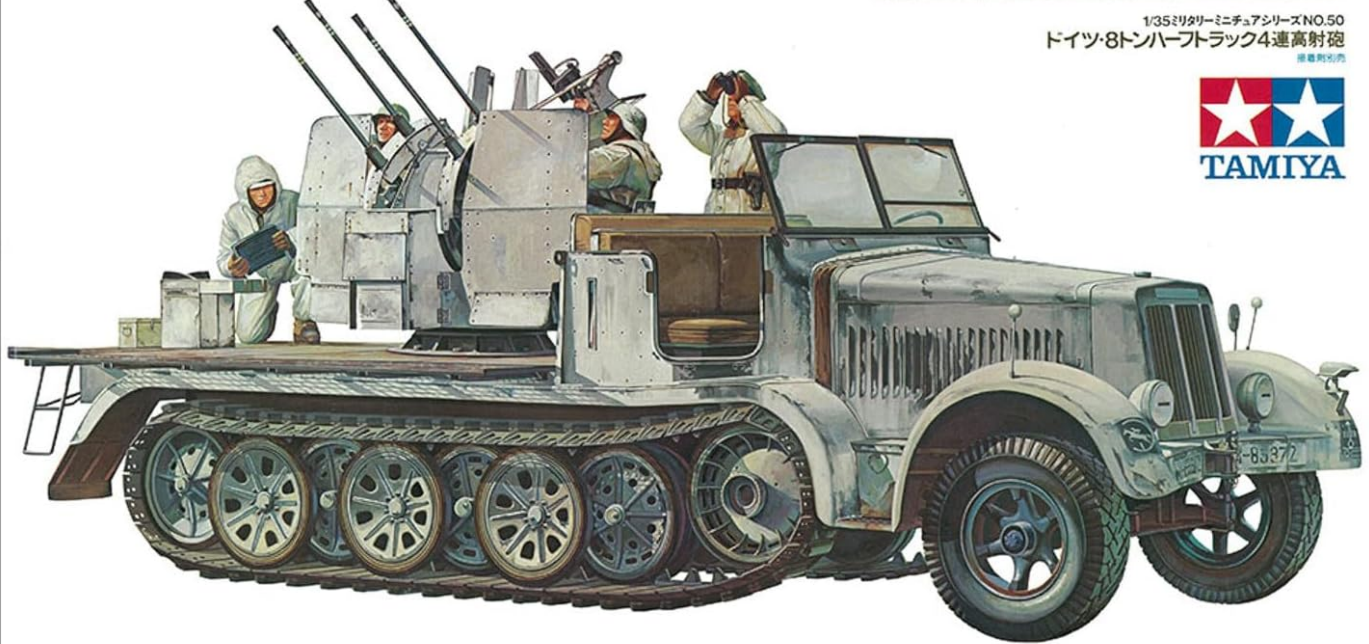


Figure 3: Rear view of the completed Tamiya Sd.Kfz. 7/1 model, highlighting the detailed cargo area and the rear of the Flakvierling mount.

MAINTENANCE

Proper maintenance will keep your model looking its best for years.

- **Dusting:** Gently dust the model regularly using a soft brush (e.g., a soft makeup brush or a dedicated model dusting brush) or a can of compressed air. Avoid wiping with cloths, which can snag delicate parts or scratch paint.
- **Cleaning:** For stubborn dust or grime, lightly dampen a cotton swab with plain water (no solvents or cleaning agents) and gently dab the affected area. Avoid rubbing.
- **Storage:** If storing the model for an extended period, place it in a sealed container to protect it from dust and environmental changes.

TROUBLESHOOTING COMMON ISSUES

Encountering issues during model building is common. Here are solutions to some frequent problems:

- **Parts Not Fitting:** Ensure all sprue gates and flash are completely removed. Sometimes, a slight sanding or trimming of the mating surfaces is required. Do not force parts together.
- **Gaps Between Parts:** Small gaps can be filled with plastic putty or stretched sprue. Sand smooth once dry.
- **Paint Adhesion Issues:** Ensure parts are clean and free of mold release agents (wash with mild soap and water). Always apply a thin coat of primer before painting.
- **Decal Silvering:** This occurs when air is trapped under the decal. Apply decals to a glossy surface and use decal setting solutions to help them conform and eliminate air bubbles. A clear matte coat after drying can also help.
- **Broken Parts:** Small broken parts can often be re-attached with plastic cement. For structural breaks, consider reinforcing with a small pin (e.g., from a paperclip) drilled into both broken pieces before gluing.

SPECIFICATIONS

Brand:	TAMIYA
Model Number:	35050
Scale:	1:35
Material:	Plastic
Theme:	Military Vehicle
Assembly Required:	Yes
Recommended Age:	Adult
Item Weight:	1.1 pounds (approx.)
Item Dimensions (L x W x H):	15.13 x 9.63 x 2.38 inches (packaging)

WARRANTY AND SUPPORT

Tamiya products are known for their quality and precision. For specific warranty information or technical support regarding this model kit, please refer to the contact information provided on the product packaging or visit the official Tamiya website. As this is a model kit requiring assembly, warranty typically covers manufacturing defects of parts upon initial inspection. For additional resources and community support, consider visiting online modeling forums or hobby shops specializing in plastic models.

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

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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