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Italeri 7004

Italeri 7004 1/72 Sd Kfz 182 King Tiger Model Kit Instruction Manual

Brand: Italeri | **Model:** 7004

Introduction

This instruction manual provides detailed guidance for the assembly and finishing of your Italeri 7004 1/72 Sd Kfz 182 King Tiger model kit. Please read all instructions carefully before beginning assembly. This kit is designed for experienced modelers aged 14 and up.



Image: Box art for the Italeri 7004 1/72 Sd Kfz 182 King Tiger model kit. It depicts a German King Tiger tank with a camouflage pattern, moving through a snowy, forested environment. The tank features the number "313" on its turret.

Important Safety Information

WARNING: SMALL PARTS. This product contains small parts which may pose a choking hazard. Not suitable for children under 3 years. This model kit is recommended for ages 14 years and up due to the complexity and use of sharp tools and adhesives.
Always use appropriate ventilation when working with paints and glues. Keep all tools and materials out of reach of small children and pets.

Kit Contents

Your Italeri 7004 model kit includes the following components:

- Plastic sprues containing all parts for the Sd Kfz 182 King Tiger tank.
- Decal sheet for various markings.
- Instruction booklet (this manual).
- Choice of rubber tracks or link-and-length tracks (as per product description).

Please inspect all parts upon opening the box to ensure no components are missing or damaged. Contact your retailer if any issues are found.

Assembly Instructions

Follow these general steps for assembling your model. Refer to the included diagrammatic instructions for specific part placement.

1. **Preparation:** Carefully remove parts from the sprues using a hobby knife or sprue cutters. Clean any flash or mold lines with a hobby file or sandpaper. Test fit parts before applying adhesive.
2. **Hull Assembly:** Begin by assembling the main hull sections. Ensure proper alignment before gluing.
3. **Running Gear:** Assemble the road wheels, drive sprockets, and idler wheels. Attach them to the hull. For tracks, choose between the provided rubber tracks or assemble the link-and-length tracks according to the diagrams.
4. **Turret Assembly:** Assemble the turret components, including the main gun barrel. Ensure the turret can rotate freely if designed to do so.
5. **Detail Parts:** Attach smaller detail parts such as tools, hatches, and antennae.
6. **Sub-Assemblies:** Assemble any other sub-assemblies as indicated in the diagrams.
7. **Final Assembly:** Join the main sub-assemblies (hull, turret) together.

Use plastic cement specifically designed for model kits. Apply sparingly to avoid damaging the plastic or obscuring details.

Painting Guide

Painting your model adds realism and character. Consider the following steps:

- **Cleaning:** Before painting, wash the assembled model with mild soap and water to remove any grease or mold release agents. Allow it to dry completely.
- **Priming:** Apply a thin, even coat of primer. This helps paint adhere better and provides a uniform base color.
- **Base Coats:** Apply the main camouflage colors in thin layers. Refer to historical references or the kit's suggested paint scheme for accuracy.
- **Detail Painting:** Paint smaller details such as tools, tracks, and machine guns.
- **Weathering (Optional):** Once the paint is dry, you can apply weathering effects like washes, dry-brushing, and pigments to simulate dirt, rust, and wear.

Always work in a well-ventilated area when painting. Allow each coat of paint to dry thoroughly before applying the next.

Decal Application

Decals add important markings to your model. Follow these steps for best results:

1. **Gloss Coat:** Apply a clear gloss coat over the areas where decals will be placed. This provides a smooth surface and prevents "silvering."
2. **Cutting Decals:** Carefully cut out each decal from the sheet, trimming as close to the edge of the design as possible.
3. **Soaking:** Dip the decal in lukewarm water for 10-20 seconds until it can slide freely on its backing paper.
4. **Placement:** Gently slide the decal from its backing paper onto the model surface. Use a wet brush or cotton swab to position it correctly.
5. **Removing Water/Bubbles:** Carefully blot away excess water and smooth out any air bubbles with a soft cloth or cotton swab.
6. **Setting Solution (Optional):** Apply a decal setting solution to help the decal conform to surface details and blend into the paint.
7. **Final Coat:** Once decals are dry, apply another clear coat (gloss or matte, depending on desired finish) to seal and protect them.

Maintenance and Care

To preserve the appearance of your finished model:

- **Display:** Display your model in a cool, dry place away from direct sunlight to prevent fading and warping.
- **Cleaning:** Dust your model regularly with a soft, dry brush or a can of compressed air. Avoid using harsh chemicals or wet cloths, which can damage paint and decals.
- **Handling:** Handle the model by its sturdy parts, avoiding delicate details.

Troubleshooting Common Issues

Issue	Possible Cause	Solution
Parts do not fit together	Excess flash, misaligned parts, incorrect part.	Carefully trim flash. Re-check part numbers and orientation. Gently sand mating surfaces if needed.
Paint peeling or not adhering	Surface not clean, no primer, incompatible paint.	Ensure model is clean and dry before priming. Use appropriate primer. Allow sufficient drying time between coats.
Decals "silvering" (white edges)	Rough surface under decal, air trapped.	Apply a gloss coat before decals. Use decal setting solution. Puncture small bubbles with a sharp needle and re-apply setting solution.
Small parts lost	Accidental dropping or misplacement.	Work over a clean, well-lit surface. Use a tray or mat to contain parts. Check the floor carefully.

Product Specifications

- **Brand:** Italeri
- **Model Number:** 7004 (Manufacturer's Item Model Number: 510007004)
- **Scale:** 1:72
- **Product Dimensions:** Approximately 11.2 x 0.1 x 0.1 inches (assembled length approx. 112 mm)
- **Item Weight:** 4.9 ounces (kit weight)
- **Recommended Age:** 14 years and up
- **Release Date:** July 18, 2014

Warranty and Customer Support

For specific warranty information, please refer to the documentation provided by your retailer at the time of purchase. Italeri model kits are typically covered against manufacturing defects.
For technical assistance, missing parts, or further inquiries, please visit the official Italeri website or contact their customer support directly. You can usually find contact information on the product packaging or their official website: www.italeri.com

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