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TAMIYA 300037012

Tamiya M109A6 Paladin Self-Propelled Artillery Plastic Model Instruction Manual

Model: 300037012

INTRODUCTION

This instruction manual provides detailed guidance for the assembly, handling, and care of your Tamiya M109A6 Paladin Self-Propelled Artillery plastic model kit. Please read all instructions carefully before beginning assembly to ensure a successful and enjoyable building experience. This kit is designed for model enthusiasts and requires precision and attention to detail.

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 nippers. Exercise caution to prevent injury.
- **Adhesives and Paints:** Use model-specific adhesives and paints in a well-ventilated area. Follow the manufacturer's safety instructions for these products.
- **Eye Protection:** Consider wearing eye protection during cutting and sanding operations.

PARTS LIST AND PREPARATION

Before starting assembly, carefully check all parts against the included parts diagram in your kit. Ensure all components are present and undamaged. Remove parts from sprues using appropriate tools, carefully trimming any excess plastic (flash). Lightly sand any rough edges for a smooth finish.

SETUP AND ASSEMBLY

Follow the step-by-step assembly instructions provided in the kit's manual. Pay close attention to part numbers and orientation. Test-fit parts before applying adhesive. Allow sufficient drying time for glue before proceeding to the next step.

General Assembly Sequence:

1. **Lower Hull Assembly:** Begin with the chassis and suspension components. Attach road wheels and drive sprockets.

2. **Track Assembly:** Carefully assemble the track links. Ensure proper tension and alignment.
3. **Upper Hull and Turret Assembly:** Construct the main body and turret sections. Integrate interior details if applicable.
4. **Main Gun Assembly:** Assemble the barrel and breech mechanism. Ensure smooth movement if designed to articulate.
5. **Detailing and Accessories:** Add smaller components such as tools, stowage, and crew figures.
6. **Painting and Decals:** Apply paint according to your desired scheme. Once dry, apply decals as indicated in the kit's guide.



Image: An assembled Tamiya M109A6 Paladin model, showcasing the overall structure and details from a front-right angle.



Image: A detailed view of the commander's hatch area, including a crew figure in the open hatch.



Image: A close-up shot of the main gun barrel and the front section of the turret, highlighting texture and detail.



Image: An aerial view of the rear of the model, displaying additional equipment and stowage attached to the hull.



Image: A direct front view of the main gun barrel, showing markings or text applied to it.



Image: The rear section of the model, focusing on the spades used for stabilizing the artillery piece during firing.

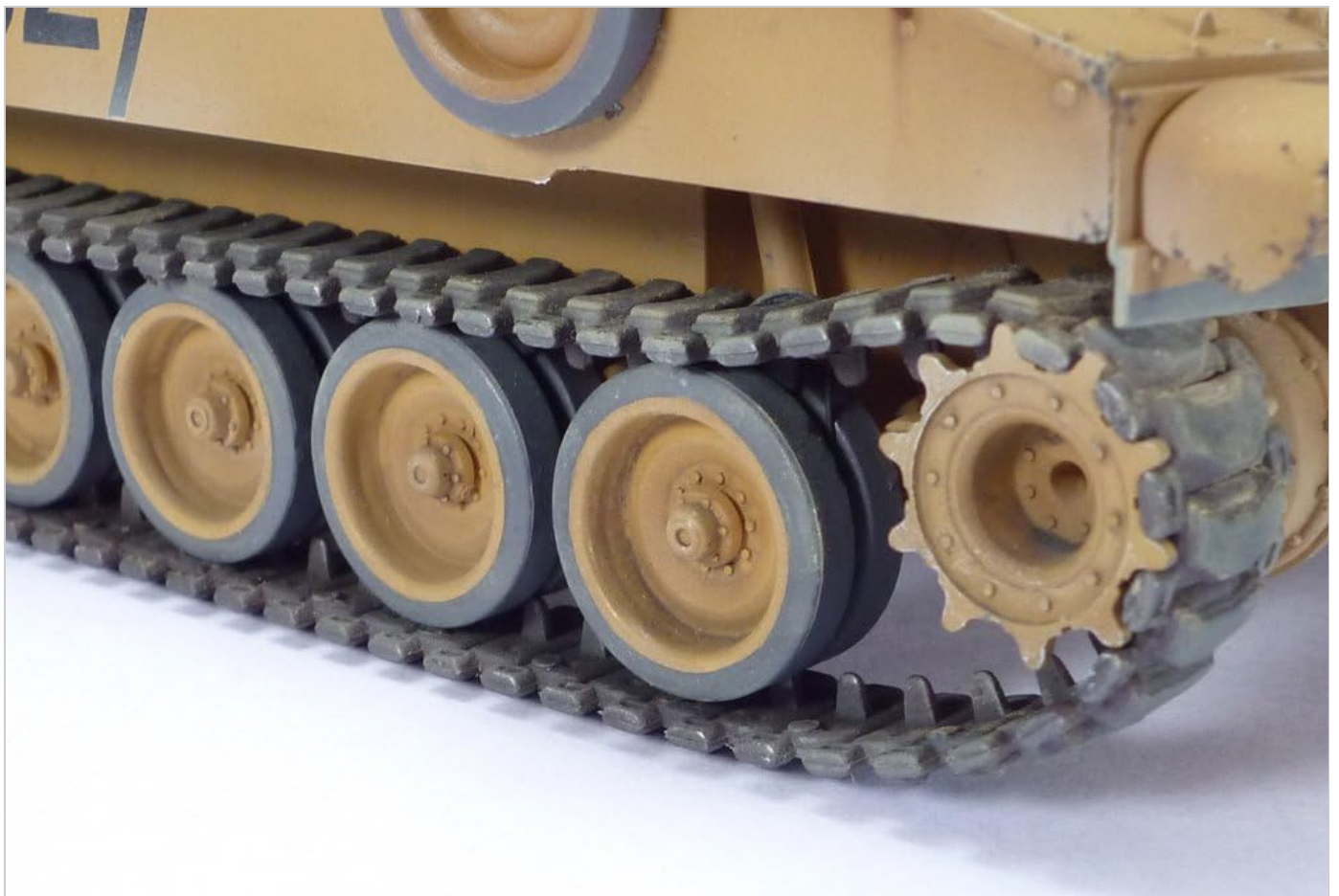


Image: A detailed view of the track links and road wheels, showing the intricate suspension system.

OPERATING AND DISPLAY

Once assembled, your Tamiya M109A6 Paladin model is intended for static display. Handle the model with care, avoiding excessive force on delicate parts. To maintain its appearance, display the model in a stable, dust-free environment away from direct sunlight and extreme temperatures, which can cause warping or paint fading.

MAINTENANCE

- **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.
- **Storage:** If storing the model, place it in a protective container to prevent dust accumulation and accidental damage. Ensure it is stored in a cool, dry place.
- **Repairs:** In case of minor damage, use model adhesive to reattach broken parts. For paint touch-ups, use matching model paints.

TROUBLESHOOTING

- **Parts Not Fitting:** Some model kits, including re-boxed kits, may have minor fit issues. Carefully trim or sand mating surfaces for a better fit. Avoid forcing parts together.
- **Track Tension:** If tracks appear too tight or too loose, re-evaluate the assembly steps. Ensure all road wheels and idlers are correctly positioned.
- **Decal Application Issues:** Ensure the surface is clean and smooth before applying decals. Use decal setting solutions for better adhesion and to conform to irregular surfaces.
- **Paint Adhesion:** Clean plastic parts thoroughly before painting to remove mold release agents or oils. Use a primer for optimal paint adhesion.

SPECIFICATIONS

Model Number	300037012
Brand	TAMIYA
Product Type	Plastic Model Kit (Self-Propelled Artillery)
Scale	1/35 (Standard for Tamiya armor models)
Product Dimensions	15.39 x 9.8 x 2.4 inches (Box dimensions)
Item Weight	1.15 pounds
Manufacturer	Tamiya

WARRANTY INFORMATION

As a plastic model kit, this product typically does not come with a functional warranty for the assembled item. However, if you encounter manufacturing defects or missing parts upon initial inspection of the unopened kit, please contact Tamiya customer support or your retailer immediately. Retain your proof of purchase.

SUPPORT

For further assistance, technical questions, or inquiries regarding replacement parts, please refer to the contact information provided in your kit's packaging or visit the official Tamiya website. Online resources and forums dedicated to model building can also provide valuable tips and community support.

Tamiya Official Website: www.tamiya.com

