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> MiniArt T-70M Soviet Light Tank with Crew - Special Edition Model Kit (1:35 Scale) Instruction Manual

MiniArt MIN35194

MiniArt T-70M Soviet Light Tank with Crew - Special Edition Model Kit

Model: MIN35194

INTRODUCTION

This manual provides detailed instructions for the assembly, care, and maintenance of your MiniArt T-70M Soviet Light Tank with Crew model kit. This 1:35 scale unassembled plastic model kit is designed for experienced modelers aged 14 years and up. Careful attention to these instructions will ensure a rewarding building experience and a high-quality finished model.



Image: A fully assembled MiniArt T-70M Soviet Light Tank model, painted in a military green, is displayed alongside five detailed crew figures in winter uniforms. One figure is positioned in the tank's open hatch, while the others stand around the vehicle.

SETUP AND ASSEMBLY

Before beginning assembly, ensure you have a clean, well-lit workspace and all necessary tools. This kit requires plastic cement (glue) and model paints, which are not included. The kit contains 423 plastic parts, photo-etched parts for enhanced detail, and decals for various markings.

Kit Contents:

- Unassembled plastic parts for the T-70M tank.
- Workable track links for realistic movement.
- Five highly detailed crew figures.
- Photo-etched (PE) parts for intricate details such as grilles and small fittings.
- Decal sheet for various historical markings.



Image: The front of the MiniArt T-70M Soviet Light Tank with Crew model kit box. It features an illustration of the tank and crew, along with text indicating it's a 1:35 scale unassembled plastic model kit with workable track links, five figures, 423 parts, photo-etched parts, and decals.

Preparation:

1. Carefully unbox all components and verify against the parts list in the kit's instruction booklet.
2. Familiarize yourself with the assembly steps by reviewing the entire instruction booklet before cutting any parts.
3. Clean any mold lines or flash from parts using a hobby knife or sanding stick.

Assembly Steps:

Follow the numbered steps in the kit's instruction booklet precisely. Pay close attention to part numbers and orientation. Test-fit parts before applying cement to ensure proper alignment.

- **Chassis and Suspension:** Begin with the lower hull and suspension components. The kit includes workable track links, which require careful assembly for realistic articulation.
- **Upper Hull and Turret:** Assemble the main body and turret sections. Note the inclusion of photo-etched parts for grilles and other fine details, which require specialized adhesive (e.g., super glue) and careful handling.
- **Figures:** Assemble the five crew figures. These can be painted separately and added to the tank later.
- **Painting and Decals:** Once the main assembly is complete, prepare the model for painting. Apply primer, then base coats, and detail painting as desired. After painting, apply the provided decals according to the marking guide in the instruction booklet. Use a decal setting solution for best results.

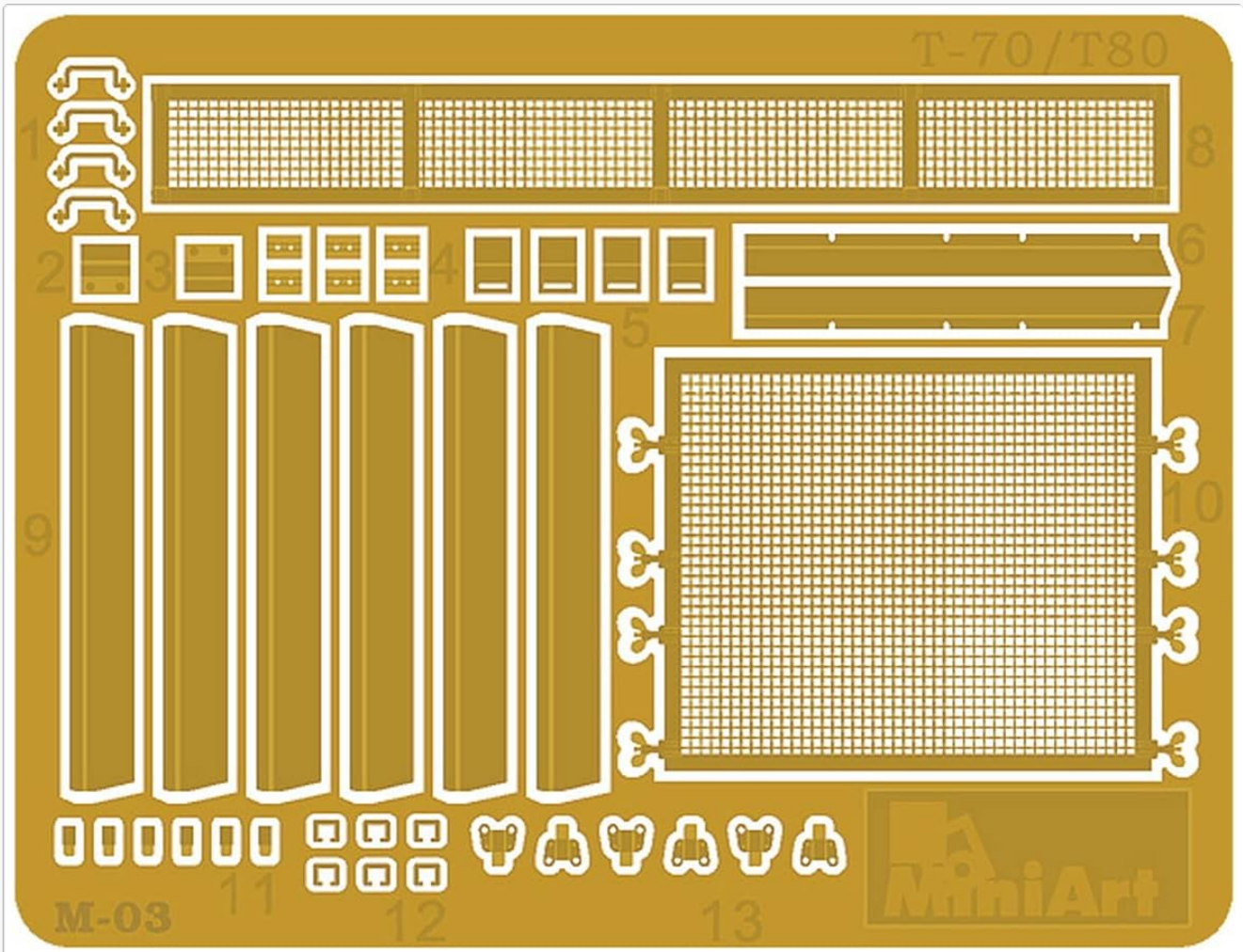


Image: A sheet of brass photo-etched parts, labeled 'M-03', showing various grilles, handles, and small components designed to add fine detail to the T-70M model kit.



Image: A decal sheet for the MiniArt T-70M model kit, featuring various numbers, slogans in Cyrillic, and unit markings in red, white, and black, for customizing the tank's appearance.

OPERATING (DISPLAY AND HANDLING)

Once assembled and painted, your T-70M model is a static display piece. Proper handling and display will preserve its appearance.

- **Handling:** Always handle the model by its base or sturdy sections. Avoid touching delicate parts like antennas, machine guns, or figures, as they can break easily.
- **Display:** Display the model in a stable location, away from direct sunlight, extreme temperatures, and high humidity. These conditions can cause paint fading, warping, or decal degradation.
- **Workable Tracks:** The workable track links allow for realistic articulation. When moving the model, ensure the tracks are not snagged or forced, which could damage the individual links.

MAINTENANCE

Regular maintenance will keep your model looking its best for years to come.

- **Dusting:** Dust the model regularly using a soft, dry brush (such as a makeup brush) or a can of compressed air. Hold the can upright and spray from a distance to avoid damaging delicate parts or paint.
- **Cleaning:** For stubborn dust or light smudges, gently wipe with a soft, lint-free cloth slightly dampened with plain water. Avoid using harsh chemicals or solvents, as these can damage paint and plastic.
- **Repairs:** If any parts detach or break, reattach them using appropriate plastic cement or super glue, depending on the material.

TROUBLESHOOTING

Here are solutions to common issues encountered during model kit assembly or display.

- **Parts Not Fitting:** Ensure you are using the correct parts as per the instruction diagram. If parts are slightly misaligned, gently sand or trim excess plastic. Test-fit before gluing.
- **Glue Issues:** If plastic cement is not bonding, ensure surfaces are clean and free of paint or mold release agents. Apply a thin, even coat. For photo-etched parts, use super glue sparingly.
- **Paint Adhesion Problems:** Ensure the model surface is clean and free of oils or dust before priming. Use a suitable primer designed for plastic models.
- **Decal Silvering:** This occurs when air is trapped under the decal. Apply decals to a glossy surface, use decal setting solution, and gently press out air bubbles. A matte clear coat can help hide silvering.
- **Broken Delicate Parts:** Small parts like antennas or machine gun barrels can be fragile. If broken, they can often be reattached with a tiny drop of super glue. For repeated breakage, consider replacing with metal wire or stretched sprue.

SPECIFICATIONS

Feature	Detail
Brand	MiniArt
Model Number	MIN35194
Scale	1:35
Material	Plastic
Number of Pieces	423
Item Dimensions (L x W x H)	4.8 x 2.6 x 2.3 inches
Item Weight	9.2 ounces (0.26 Kilograms)
Recommended Age	14 years and up
Included Components	Un-assembled Plastic Model Kit
Paint Type Required	Acrylic (or other model-specific paints)

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding missing or defective parts, please refer to the contact information provided within the original product packaging or visit the official MiniArt website. As this is an unassembled model kit, warranty typically covers manufacturing defects in parts, not issues arising from assembly or painting.