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## TAMIYA US M151A2 W/Tow Missile Launcher

# Tamiya 1/35 US M151A2 W/Tow Missile Launcher Model Kit Instruction Manual

Model Number: 300035125

## INTRODUCTION

This document provides detailed instructions for the assembly, painting, and display of the Tamiya 1/35 US M151A2 W/Tow Missile Launcher plastic model kit. This kit allows for the creation of a highly detailed replica of the US M151A2 utility vehicle equipped with a TOW missile launcher, scaled at 1/35. Please read all instructions carefully before beginning assembly.

**Note:** This is a plastic model kit requiring assembly. Paint, glue, and various modeling tools are necessary for completion and are **not included** in this package.

## SAFETY INFORMATION

**WARNING: SMALL PARTS.** This model kit contains small parts which may pose a choking hazard. Keep out of reach of small children. Recommended for ages 14 years and up due to the complexity of assembly and the use of sharp tools and adhesives.

- Always use modeling tools carefully to avoid injury.
- Work in a well-ventilated area when using paints and glues.
- Read and follow the safety instructions provided with all glues and paints.

## PACKAGE CONTENTS

Your Tamiya 1/35 US M151A2 W/Tow Missile Launcher kit includes:

- Plastic Model Kit components (unassembled)
- Instruction Manual (this document)
- Decal Sheet

### Items Required (Not Included):

- Plastic Cement (glue)
- Hobby Knife or Nippers
- Files or Sandpaper

- Paints (various colors as per painting guide)
- Paint Brushes or Airbrush
- Tweezers

## ASSEMBLY INSTRUCTIONS

Follow these steps carefully for optimal assembly. Refer to the included diagrammatic instructions within the physical kit for specific part numbers and placement.

### 1. Preparation

1. Carefully remove parts from the sprues using a hobby knife or nippers.
2. Clean any excess plastic (flash) from the parts using a hobby knife or file.
3. Test fit parts before applying glue to ensure proper alignment.

### 2. Chassis Assembly

Begin by assembling the main chassis components. This typically involves attaching the frame, suspension, and exhaust system. Ensure all parts are securely glued and aligned.



*Image: A fully assembled Tamiya 1/35 US M151A2 W/Tow Missile Launcher model kit, showcasing the vehicle's detailed structure and the mounted TOW missile system. This image provides a visual reference for the completed model.*

### 3. Body and Interior Assembly

Assemble the interior components such as the dashboard, steering wheel, and seats. Then, attach the main body panels to the chassis. Pay attention to the fit of the windshield and other clear parts.

### 4. TOW Missile Launcher System Assembly

Construct the TOW missile launcher and its mounting system. This kit includes a tripod for dismounted display of the TOW launcher. Decide whether to mount the launcher on the vehicle or prepare it for separate display on the tripod.

- Assemble the missile tubes and tracking system.
- Attach the launcher to the vehicle's rear mount or to the included tripod.

## 5. Wheel and Tire Assembly

Assemble the wheels and tires, ensuring they are properly aligned and rotate freely if desired. Attach them to the vehicle's axles.

## 6. Figure Assembly (if applicable)

If your kit includes a driver figure, assemble it according to the instructions. The figure can be posed in the driver's seat or alongside the vehicle.

## 7. Final Details and Decals

Attach any remaining small details such as mirrors, lights, and antennas. Apply decals using water and a decal setting solution for a smooth finish. Refer to the decal placement guide in your kit.

## PAINTING AND FINISHING

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Painting is a crucial step to bring your model to life. Refer to the painting guide included with your kit for recommended colors and camouflage patterns. Tamiya provides a range of acrylic and lacquer paints suitable for their models.

- **Priming:** Apply a thin coat of primer to ensure paint adhesion and a uniform surface.
- **Base Coats:** Apply base colors in thin, even coats. Multiple thin coats are better than one thick coat.
- **Detail Painting:** Use fine brushes for small details like lights, tools, and figures.
- **Weathering:** Optional techniques like washes, dry brushing, and pigments can add realism.
- **Clear Coats:** Apply a clear gloss coat before decals for better adhesion, and a matte or satin clear coat after decals to protect the finish and unify the appearance.

## DISPLAY OPTIONS

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The Tamiya US M151A2 kit offers flexibility in display, particularly with the TOW missile launcher.

- **Vehicle Mounted:** The TOW missile launcher can be permanently mounted on the rear of the M151A2 vehicle.
- **Dismounted Display:** Utilize the included tripod to display the TOW missile launcher separately from the vehicle, simulating a deployed position. This allows for dynamic diorama possibilities.

## MAINTENANCE OF YOUR MODEL

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Once assembled and painted, your model requires minimal maintenance to preserve its appearance.

- **Cleaning:** Dust your model regularly with a soft brush or a can of compressed air. Avoid using harsh chemicals or wet cloths, which can damage paint or decals.
- **Storage:** Store your model in a display case or an area free from direct sunlight, extreme temperatures, and high humidity to prevent fading, warping, or damage to adhesives.
- **Handling:** Handle the model by its base or sturdy parts to avoid breaking delicate components.

## TROUBLESHOOTING COMMON ISSUES

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

- **Parts Not Fitting:** Ensure all flash is removed. Test fit parts before gluing. If a part is slightly too large, gently sand it down. If too small, a small amount of putty may be used to fill gaps.
- **Glue Marks:** Use glue sparingly. If excess glue appears, try to wipe it away immediately with a cotton swab dipped in a small amount of thinner (compatible with your glue type) or carefully scrape it off once dry.
- **Paint Issues:**
  - *Uneven Coat:* Apply paint in thin layers. Ensure paint is properly thinned.
  - *"Orange Peel" Texture:* Paint may be too thick or applied too far from the surface (if airbrushing). Adjust consistency or distance.
  - *Bubbles:* Often caused by shaking paint too vigorously or applying too thickly.
- **Decal Silvering:** This occurs when air is trapped under the decal. Apply decals to a glossy surface. Use a decal setting solution to help the decal conform to the surface and eliminate air.

## SPECIFICATIONS

Feature	Detail
Brand	TAMIYA
Model Name	US M151A2 W/TOW MISSILE LAUNCHER
Item Model Number	300035125
Scale	1/35
Material	Plastic
Recommended Age	14 years and up
Special Feature	TOW missile launcher, Tripod Included for Dismounted Tow Display
Product Dimensions	6.38 x 1.57 x 10.55 inches (packaging)
Item Weight	6.4 ounces (packaging)
UPC	799457365953

## WARRANTY AND SUPPORT

As a plastic model kit, this product typically does not come with an extended warranty for the assembled item. However, Tamiya is known for its quality. If you encounter missing or defective parts upon opening the sealed box, please contact Tamiya customer support directly for assistance. For further support or inquiries regarding Tamiya products, please refer to the official Tamiya website or contact their customer service department.

