

Revell 85-7864

Revell M4 Sherman Tank Model Kit 85-7864 Instruction Manual

Model: 85-7864 | Brand: Revell

1. INTRODUCTION

This manual provides detailed instructions for the assembly and care of your Revell M4 Sherman Tank Model Kit, model number 85-7864. The M4 Sherman was a widely used and reliable tank during its service, known for its production numbers and adaptability. This kit allows enthusiasts to recreate a detailed replica of this historic military vehicle.

2. SAFETY INFORMATION

WARNING: SMALL PARTS. This model kit contains small parts which may pose a choking hazard for young children. Not suitable for children under 3 years. Adult supervision is recommended during assembly, especially for users under the manufacturer's recommended age of 12 years. Always use appropriate tools safely. Exercise caution when using hobby knives, glues, and paints. Ensure adequate ventilation when working with adhesives and paints.

3. PACKAGE CONTENTS

Upon opening the box, verify that all components are present and undamaged. Your Revell M4 Sherman Tank Model Kit (85-7864) includes:

- Plastic sprues containing all model parts
- Instruction sheet with assembly diagrams
- Decal sheet for markings

Note: Adhesives, paints, and tools are sold separately and are required for assembly and finishing.

4. SETUP AND ASSEMBLY

Before beginning assembly, prepare a clean, well-lit workspace. Review the entire instruction sheet to familiarize yourself with the steps and part identification.

4.1 Recommended Tools and Materials

- Hobby knife or sprue cutters
- Plastic model cement (glue)
- Small files or sandpaper (fine grit)
- Tweezers
- Model paints (acrylic or enamel, as desired)
- Paintbrushes
- Decal setting solution (optional)

4.2 Assembly Steps

1. **Part Preparation:** Carefully remove parts from the sprues using a hobby knife or sprue cutters. Trim any excess plastic (flash) and smooth attachment points with a file or sandpaper.
2. **Dry Fitting:** Before applying glue, dry fit parts together to ensure proper alignment and fit. This helps identify any potential issues before permanent assembly.
3. **Gluing:** Apply a small amount of plastic cement to the mating surfaces. Hold parts firmly together until the glue sets. Refer to the instruction diagrams for the correct sequence of assembly.
4. **Sub-Assemblies:** Assemble smaller sections (e.g., turret, tracks, wheels) first, then integrate them into the main hull.
5. **Track Assembly:** Pay close attention to the track assembly steps, as these can be intricate. Ensure tracks are aligned correctly with the road wheels and drive sprockets.
6. **Detail Parts:** Attach smaller, delicate parts such as machine guns, tools, and antennae last to prevent accidental breakage during handling.



Figure 1: An example of the fully assembled Revell M4 Sherman Tank Model Kit, showcasing its detailed construction and markings. This image illustrates the final appearance after successful assembly and painting.

5. FINISHING AND DISPLAY

Once the model is fully assembled, you can proceed with painting and applying decals to achieve a realistic finish.

5.1 Painting

- **Preparation:** Ensure the model is clean and free of dust or grease. A primer coat can improve paint adhesion and provide a uniform base.
- **Color Scheme:** Refer to historical references or the kit's painting guide for accurate color schemes for the M4 Sherman. Common colors include olive drab for the main body.
- **Application:** Apply thin, even coats of paint. Allow each coat to dry thoroughly before applying the next.
- **Detail Painting:** Use fine brushes for painting smaller details such as tools, machine guns, and tracks.

5.2 Decal Application

1. **Surface Preparation:** Apply a gloss clear coat to the areas where decals will be placed. This helps prevent "silvering" (air trapped under the decal).
2. **Application:** Cut out the desired decal from the sheet. Dip it in lukewarm water for a few seconds until it slides freely from the backing paper.
3. **Placement:** Carefully slide the decal onto the model surface. Position it accurately using tweezers or a wet paintbrush.
4. **Setting:** Gently blot excess water with a soft cloth. Apply decal setting solution to help the decal conform to surface details and eliminate air bubbles.
5. **Sealing:** Once decals are dry, apply a final clear coat (gloss, satin, or matte, as desired) to protect them and unify the finish.

6. CARE AND DISPLAY

To maintain the appearance of your assembled model, follow these care guidelines:

- **Dusting:** Regularly dust the model with a soft, dry brush or a can of compressed air to prevent dust buildup in crevices.
- **Cleaning:** Avoid using harsh chemicals or abrasive cleaners. If necessary, gently wipe with a slightly damp cloth and immediately dry.
- **Display Environment:** Display the model in a stable location away from direct sunlight, extreme temperatures, and high humidity, which can cause fading or warping.
- **Handling:** Handle the model by its base or sturdy sections to avoid damaging delicate parts.

7. COMMON ASSEMBLY CHALLENGES

While model kits are designed for straightforward assembly, some common challenges may arise:

- **Ill-fitting Parts:** If parts do not fit perfectly, gently sand or file the mating surfaces. Dry fitting is crucial to identify these issues early.
- **Excess Glue:** Use glue sparingly to avoid unsightly marks. If excess glue occurs, allow it to dry completely and then carefully scrape or sand it away.
- **Broken Parts:** Small, delicate parts can sometimes break. Use a small amount of plastic cement to reattach them. For more significant breaks, consider using a stronger adhesive like super glue.
- **Painting Errors:** If paint is applied too thickly or incorrectly, it can often be removed with appropriate

paint stripper (test on a hidden area first) or by gently sanding and repainting.

8. SPECIFICATIONS



Feature	Detail
Brand	Revell
Model Number	85-7864
Product Dimensions	13.75 x 19.5 x 14 inches (packaging)
Item Weight	0.327 ounces
ASIN	B0731VC91Z
Manufacturer Recommended Age	12 years and up
Date First Available	June 21, 2017

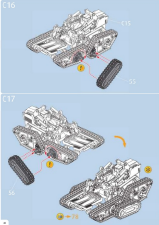


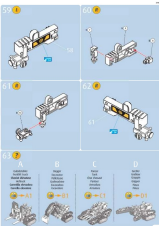
9. SUPPORT AND CONTACT

For further assistance, questions regarding your Revell M4 Sherman Tank Model Kit, or to report missing/damaged parts, please contact Revell customer support. Visit the official Revell website for contact information and additional resources.

You can find more information about Revell products at the [Revell Store on Amazon](#).

Related Documents - 85-7864

	<p>Revell PzKpfw. IV Ausf. H 1:72 Scale Model Kit Assembly Instructions</p> <p>Detailed assembly instructions and guide for the Revell 1:72 scale model kit of the PzKpfw. IV Ausf. H tank, including parts list, color guide, and assembly steps.</p>
	<p>Revell RC Engineering Vehicle 21304 Assembly Manual</p> <p>Detailed assembly instructions for the Revell RC Engineering Vehicle model kit (21304). Learn how to build this 4-in-1 RC vehicle with clear diagrams and multilingual guidance.</p>

	<p>Revell 21304 RC Model Assembly and Operation Manual</p> <p>Detailed assembly instructions, operation modes, and programming guide for the Revell 21304 RC model. Learn how to build and operate the forklift, excavator, tank, and grabber functions.</p>
	<p>Revell Control Safety Instructions and Product Information</p> <p>Comprehensive safety instructions and product information for Revell Control radio-controlled models, covering general usage, battery handling, and regulatory compliance.</p>
	<p>Revell Control Audi e-tron GT RC Scale Car User Manual</p> <p>User manual for the Revell Control RC Scale Car Audi e-tron GT. Includes instructions on setup, operation, and maintenance.</p>
	<p>Revell 21304 Model Kit Assembly Instructions</p> <p>Comprehensive assembly instructions for the Revell 21304 model kit, detailing the construction of multiple vehicle configurations including a forklift truck, excavator, tank, and grabber.</p>