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TAMIYA TAM35346

Tamiya 35346 1/35 US Medium Tank M4A3E8 Sherman Plastic Model Kit

INSTRUCTION MANUAL

Brand: TAMIYA | Model: TAM35346

1. INTRODUCTION

This manual provides detailed instructions for the assembly, painting, and care of your Tamiya 1/35 US Medium Tank M4A3E8 Sherman plastic model kit. The M4A3E8, known as the "Easy Eight," features a Horizontal Volute Spring Suspension (HVSS) and a 76mm gun, representing a significant variant of the Sherman tank.

Image 1.1: A fully assembled Tamiya 1/35 US Medium Tank M4A3E8 Sherman model kit, showcasing its detailed features and olive drab finish.

2. SAFETY INFORMATION

WARNING: Small Parts. Not for children. This product contains small parts which may pose a choking hazard. Adult supervision is recommended during assembly.
Always use tools and adhesives in a well-ventilated area. Keep all modeling materials out of reach of small children and pets.

3. What's Included

Your Tamiya 35346 kit includes all necessary plastic parts for constructing the 1/35 US Medium Tank M4A3E8 Sherman. Please verify all components are present before beginning assembly.

- Tamiya 35346 1/35 US Medium Tank M4A3E8 Sherman Plastic Model Kit components

Image 3.1: The kit box opened, displaying the plastic sprues, instruction manual, and other components included in the Tamiya 35346 model kit.

4. Assembly Instructions (Setup)

Follow the detailed diagrams in the included instruction booklet for step-by-step assembly. Ensure parts are cleanly removed from sprues and test-fitted before applying adhesive.

Key Features and Assembly Details:

- **Turret and Upper Hull:** Slide-molded parts provide an accurate representation of cast metal turret and welded hull surface textures.
- **Rear Details:** Engine grilles and exhausts, along with various accessories, are sharply molded.
- **Clear Parts:** Light lenses and cupola vision block parts are recreated using clear plastic for enhanced realism.
- **Tracks:** Single-pin T66 tracks are provided as belt-type tracks for straightforward assembly and accurate

detail. Drive sprockets feature fine holes.

- **Commander Figure:** A commander figure in a realistic pose is included for placement in the cupola. The periscope on the hatch underside is a separate part.

1:35 US M4A3E8 Sherman Easy Eight Euro Art.Nr. 300035346

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Benötigte Farben / Paints required

XF-Acryl Farben matt / XF-Acrylic Paints flat

X-Acryl Farben glänzend / X-Acryl paints gloss, 23ml

TS -Sprühfarben für Kunststoffe /TS-Paint Spray for Plastics, 100ml

Art. Nr.	Bezeichnung
300081301	XF-1 Schwarz matt 23ml
300081302	XF-2 Weiss matt 23ml
300081315	XF-15 Fleischfarben matt 23ml
300081356	XF-56 Metallic Grau matt 23ml
300081357	XF-57 Buff (Gelb-Braun) matt 23ml
300081359	XF-59 Wüstengelb matt 23ml
300081360	XF-60 Dunkelgelb matt 23ml
300081362	XF-62 Braunoliv (Olive Drab) matt 23ml
300081364	XF-64 Rot-Braun matt 23ml
300081784	XF-84 Eisen Dunkel matt 10ml Acryl (6)
300081785	XF-85 Gummi-schwarz matt 10ml Acryl (6)
300081001	X -1 SCHWARZ glänzend 23 ml
300081007	X-7 ROT glänzend 23 ml
300081010	X-10 GUN METALL glänzend 23 ml
300081011	X-11 CHROM SILBER glänzend 23 ml
300081018	X-18 Schwarz seidenmatt 23ml
300081020	X-20A Verdünner 23ml Acryl
300085005	TS-5 Braunoliv1 (Olive Drab1) matt 100ml

Seite 1

Image 4.1: Detailed view of the model's turret and upper hull, highlighting the cast texture and the 76mm gun barrel. Note the star decal placement.

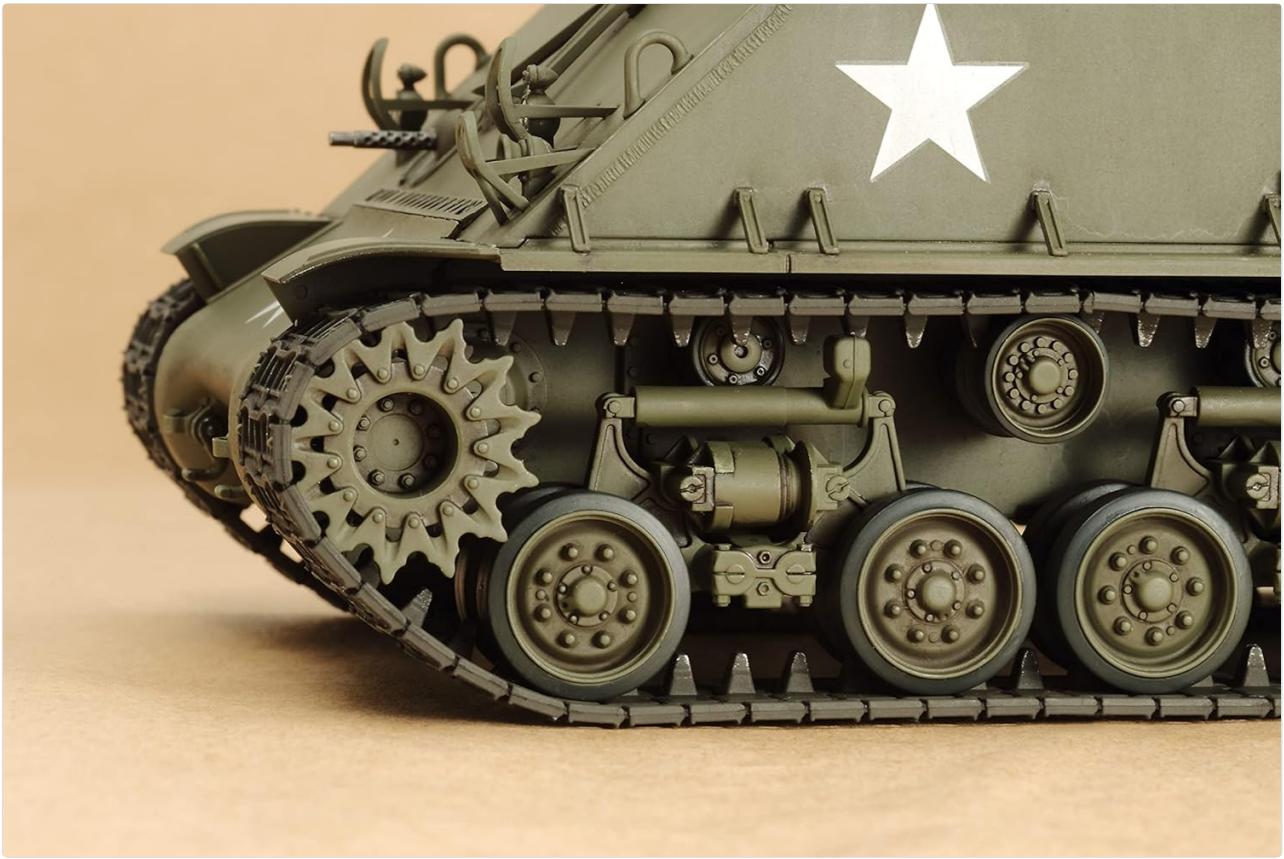

Image 4.2: The rear section of the assembled model, showing the engine deck grilles, exhaust system, and various tools and equipment mounted on the hull.

Image 4.3: A detailed shot of the model's Horizontal Volute Spring Suspension (HVSS) and the single-pin T66 tracks, illustrating the intricate wheel and track assembly.

Image 4.4: A close-up of the commander figure positioned in the open cupola, complete with helmet and goggles, adding a dynamic element to the model.

5. Recommended Tools and Materials

Successful model assembly requires specific tools and materials. The following are recommended for optimal results:

Image 5.1: A selection of recommended tools for model building, including tweezers, a cutter knife, decal scissors, side cutters, masking tape, and various types of plastic cement and decal adhesive.

1:35 US M4A3E8 Sherman Easy Eight Euro Art.Nr. 300035346

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Empfohlenes Werkzeug / Recommended Tools

Wekzeuge / Tools

Art. Nr.	Bezeichnung
300074003	Pinzette abgewinkelt
300074013	Cutter-Messer
300074031	Decal-Schere
300074035	Seitenschneider Spitz für Kunststoff
300087066	Pinsel-Set "Basic"
300087031	Masking Tape 10mm mit Abroller
300087003	Plastikkleber 40ml Tamiya
300087038	Plastikkleber 40ml extradünn Tamiya
300087135	Mark Fit (Strong) Dekorweichmacher 40ml
300087193	Decal Adhesive Soft / Haftmittel 10ml

Klebstoffe / Cement:

Image 5.2: A chart detailing the specific Tamiya XF-Acrylic (flat and gloss) and TS-Spray paints recommended for painting the M4A3E8 Sherman model, along with their corresponding color codes.

6. Painting and Decal Application

Refer to the painting guide in your instruction manual for color schemes and decal placement. Apply paint in thin, even coats. Allow each coat to dry thoroughly before applying the next. Use decal setting solutions for a seamless finish.

7. Finishing and Display

Once assembly and painting are complete, consider applying a clear coat to protect the finish. Your model is now ready for display. Handle with care to preserve its details.

8. Maintenance

To maintain the appearance of your model, dust it regularly with a soft brush or compressed air. Avoid direct sunlight and extreme temperatures to prevent discoloration or warping of plastic parts. Do not use harsh chemicals for cleaning.

9. Troubleshooting Common Issues

- **Parts not fitting:** Ensure all sprue gates are cleanly removed and check for excess plastic (flash). Light sanding may be required.
- **Paint issues (e.g., uneven coat, brush marks):**Apply paint in multiple thin layers rather than one thick coat. Ensure paint is properly thinned.
- **Decals silvering (air trapped under decal):** Use decal setting solutions to help decals conform to surfaces and eliminate air bubbles. Puncture small bubbles with a sharp needle.
- **Adhesive marks:** Use adhesives sparingly. If excess glue appears, allow it to dry completely and carefully remove with a hobby knife or fine sandpaper if possible.

10. Product Specifications

Specification	Detail
Brand	TAMIYA
Model Name	1/35 US Medium Tank M4A3E8 Sherman Plastic Model Kit
Item Model Number	TAM35346
Scale	1/35
Material	Plastic
Color	Green (as depicted on box)
Item Dimensions (L x W x H)	13.75 x 7.88 x 2.5 inches
Item Weight	7.8 ounces (0.22 Kilograms)
Recommended Age	16 years and up
Date First Available	October 10, 2015

11. Warranty and Support

Specific warranty information for this product is not provided in the available data. For any product support, missing parts, or warranty inquiries, please contact Tamiya customer service directly through their official website or authorized distributors.

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