Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Italeri IT6589

Italeri M109 A2/A3/G Scale 1:35 Model Kit Instruction Manual

Model Number: IT6589

1. Introduction

This instruction manual provides detailed guidance for assembling the Italeri M109 A2/A3/G 1:35 scale plastic model kit. The kit allows for the construction of various versions of the M109 self-propelled howitzer, including the A2, A3, and G variants, with options for different national markings.

The M109 is an American-made 155 mm self-propelled howitzer, widely used by the United States Army and many allied nations. Its design has undergone several upgrades, leading to variants like the A2 and A3, which feature improved capabilities and longer-range artillery. The 'G' variant typically refers to modifications made for German service.



Image 1.1: Front view of the Italeri M109 A2/A3/G model kit box, displaying the assembled model and key features.



Image 1.2: A fully assembled and painted Italeri M109 A2/A3/G model, showcasing its detailed appearance.

2. Safety Information

Warning:

- This product is intended for adult collectors over 14 years of age.
- Contains small parts which may pose a choking hazard. Keep out of reach of young children.
- Use glues, paints, and tools in a well-ventilated area. Refer to the safety instructions of individual glues and paints.
- Exercise caution when using sharp tools such as hobby knives and nippers.

3. Package Contents

Before beginning assembly, verify that all components are present and undamaged. The kit includes:

- Plastic model parts (on sprues)
- Assembly and coloring instructions
- Decal sheet for various national markings
- Two new gluable rubber tracks (T-136 Chevron / NATO NM-116)

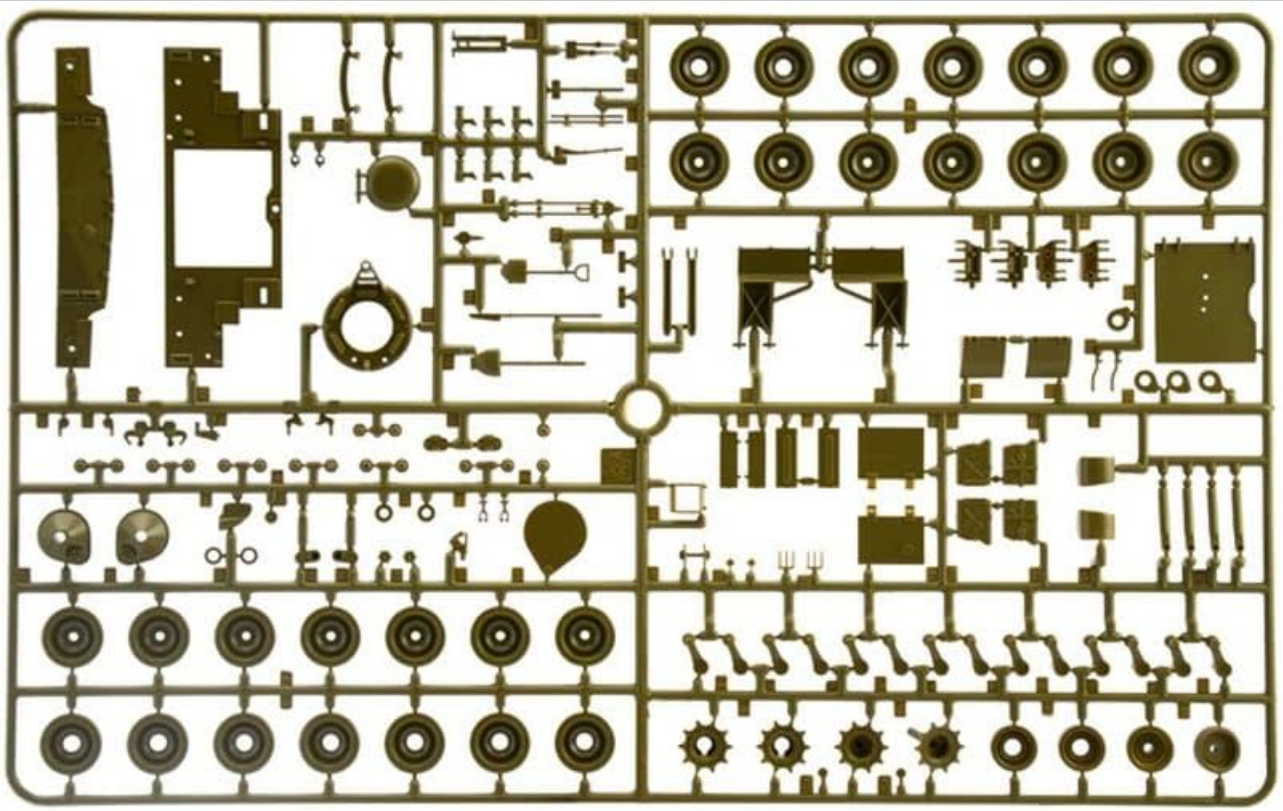

Image 3.1: One of the plastic sprues containing various small components for the M109 model.

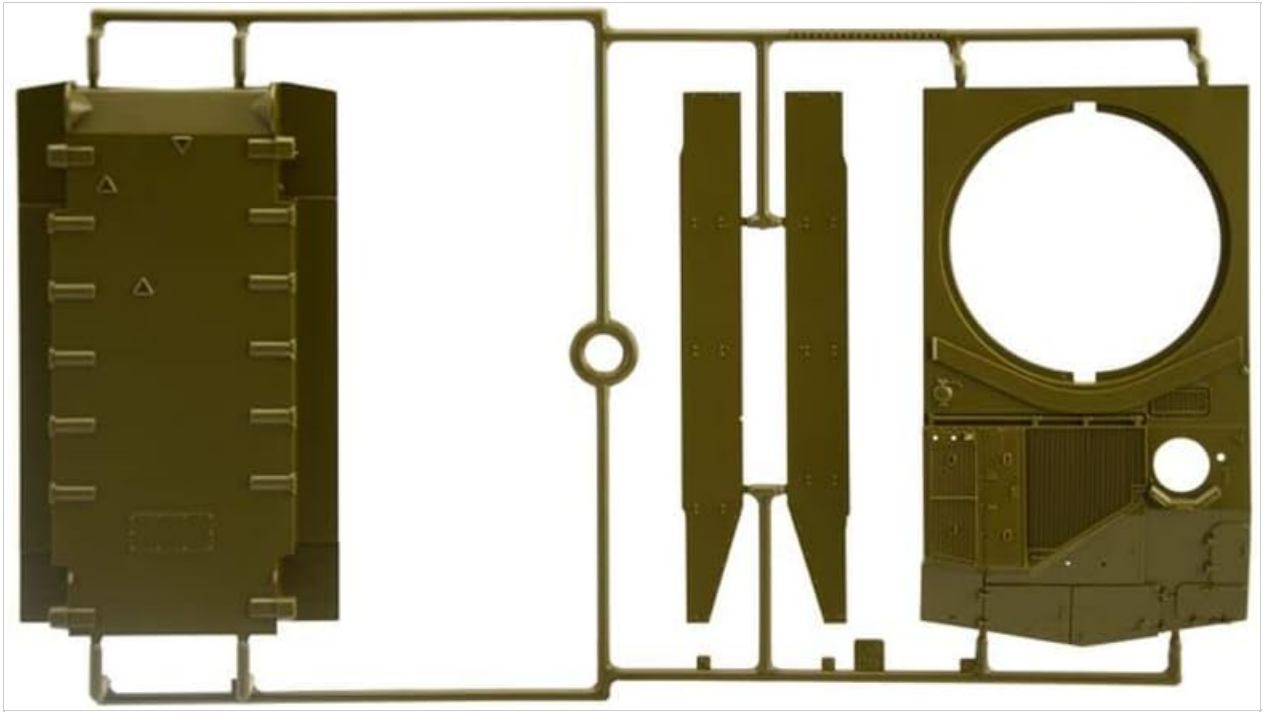

Image 3.2: Another plastic sprue showing larger hull and turret components.

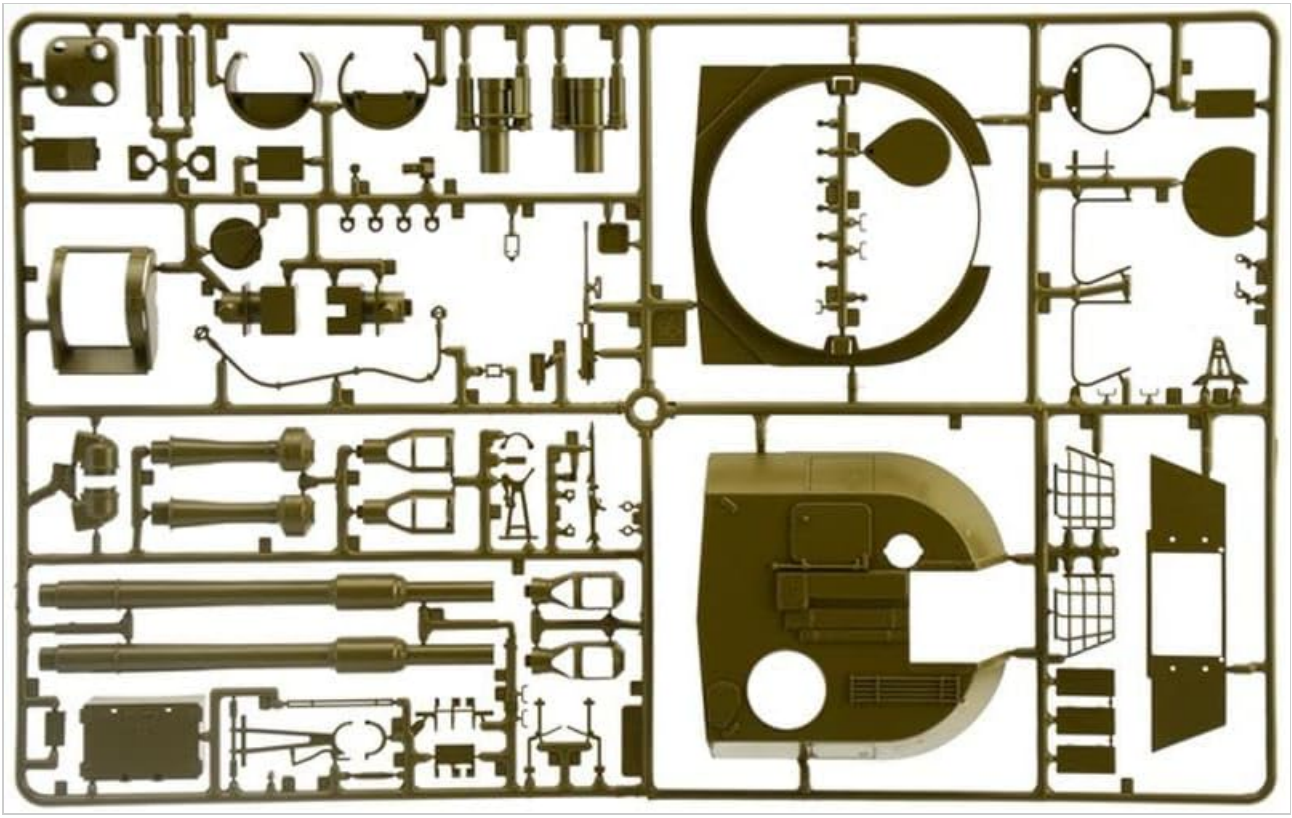

Image 3.3: A third plastic sprue with additional detailed parts for the model.



Image 3.4: The two gluable rubber tracks included in the kit, designed for realistic detail.

4. Tools and Materials Required

The following tools and materials are recommended for optimal assembly and finishing:

- Plastic Cement/Glue (e.g., Italeri Plastic Cement with Brush)
- Hobby Knife or Sprue Cutters
- Tweezers (e.g., Italeri Precision Tweezers)
- Sandpaper or Files (fine grit)
- Masking Tape (e.g., Italeri Masking Film Roll)
- Cutting Mat
- Paints (Acrylic recommended, specific colors detailed in Section 6)
- Paint Brushes
- Decal Setting Solution (optional, for better decal adhesion)

1:35 M-109/A2-A3G Haubitze

Art.-Nr. 510006589

ITALERI
scale modelling since 1962

Empfohlenes Werkzeug / Recommended Tools

Werkzeuge / Tools:



Art. Nr.	Bezeichnung
510003990	ITALERI Plastikklebstoff m. Pinsel 15ml
510005049	ITALERI Acryl-Verdünner 60 ml
510050814	ITALERI Präzisions Pinzette, gerade (1)
510050815	ITALERI Werkzeug-Set Plastik-Modellbau
510050822	ITALERI Profi-Bastelmesser mit Klingen (6)
510050825	ITALERI Ersatzklingen spitz (5) #50822
510050826	ITALERI Maskierfilm-Rolle 3mm x 18m (2)
510050827	ITALERI Maskierfilm-Rolle 6mm x 18m (2)
510050829	ITALERI Schneidunterlage Mat A 230x160mm
510050831	ITALERI Handbohrer mit 5 Bohrer

Klebstoffe / Cement:



Seite 2

Image 4.1: A visual guide to recommended tools such as cutters, tweezers, hobby knives, and cement for model assembly.

5. Assembly Instructions

Follow the numbered steps in the included instruction booklet for precise assembly. General steps are outlined below:

1. **Preparation:** Carefully remove parts from the sprues using sprue cutters or a hobby knife. Clean any excess plastic (flash) with a hobby knife or fine sandpaper.
2. **Sub-Assemblies:** Begin by assembling smaller components and sub-assemblies, such as the road wheels, suspension arms, and turret interior (if applicable).
3. **Lower Hull:** Assemble the lower hull components, including the chassis and suspension elements. Ensure proper alignment for the tracks.
4. **Upper Hull:** Attach the upper hull sections, ensuring a flush fit.
5. **Turret Assembly:** Construct the main turret, including the gun barrel and any internal details.
6. **Tracks:** Assemble the rubber tracks. These are designed to be gluable, allowing for a more secure fit than traditional vinyl tracks.
7. **Final Assembly:** Attach the turret to the hull, followed by smaller details such as tools, lights, and machine guns.
8. **Dry Fitting:** It is recommended to dry-fit parts before applying glue to ensure a good fit and identify any potential issues.

Refer to the detailed diagrams in the physical instruction manual for specific part numbers and assembly sequences.

6. Painting Guide

Painting is crucial for achieving a realistic finish. The kit provides options for several historical versions, each with specific color schemes. Acrylic paints are recommended.

6.1 Recommended Paint Colors

The following Italeri acrylic paint colors are recommended. Equivalent colors from other brands can also be used.

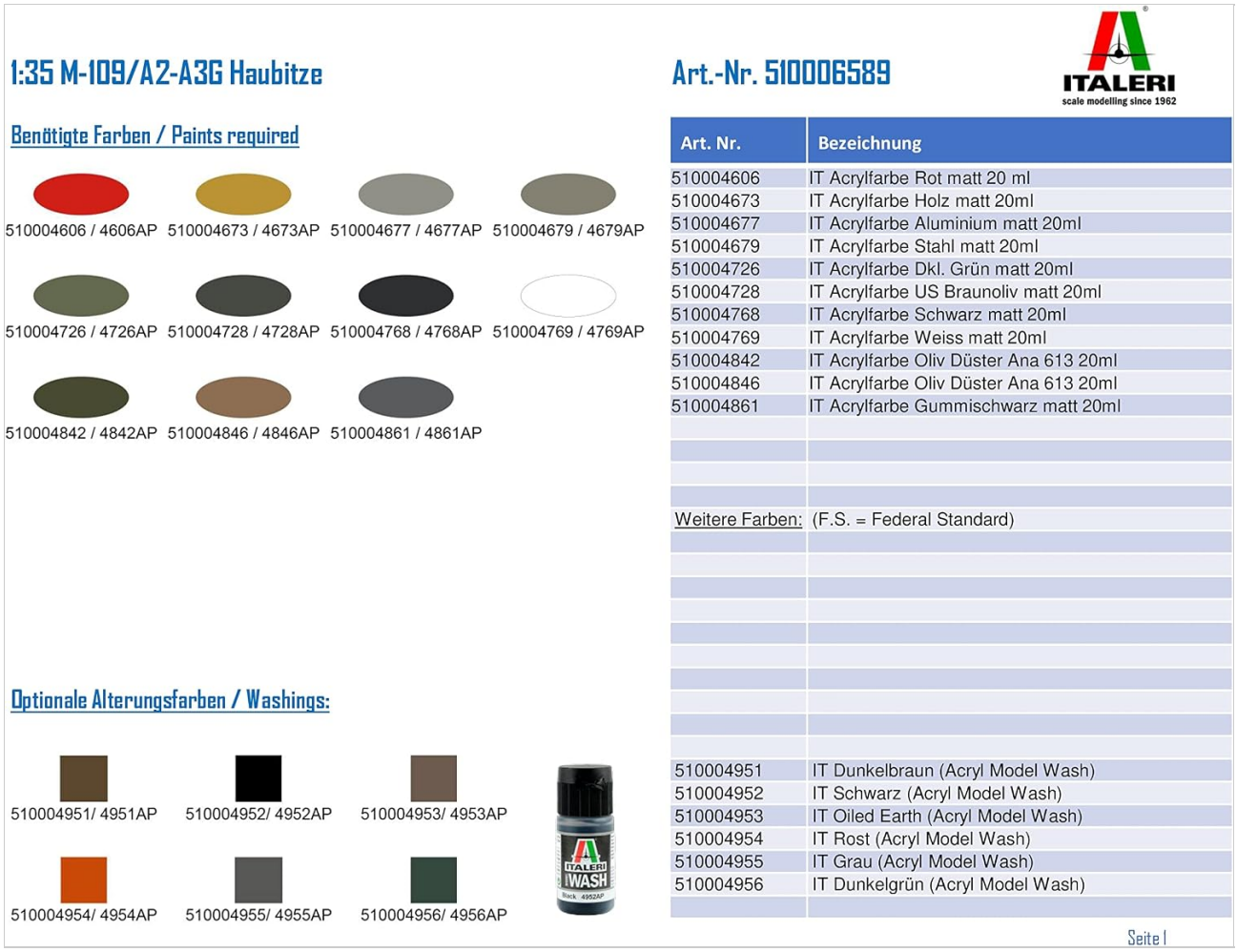

Image 6.1: Chart displaying recommended Italeri paint colors and optional weathering colors for the M109 model.

6.2 Version-Specific Color Schemes

The kit includes decals and painting guides for multiple versions. Below are examples of typical camouflage patterns:



Image 6.2: Painting guide for M109A2 - Spanish Marine Infantry, featuring a multi-color camouflage pattern.

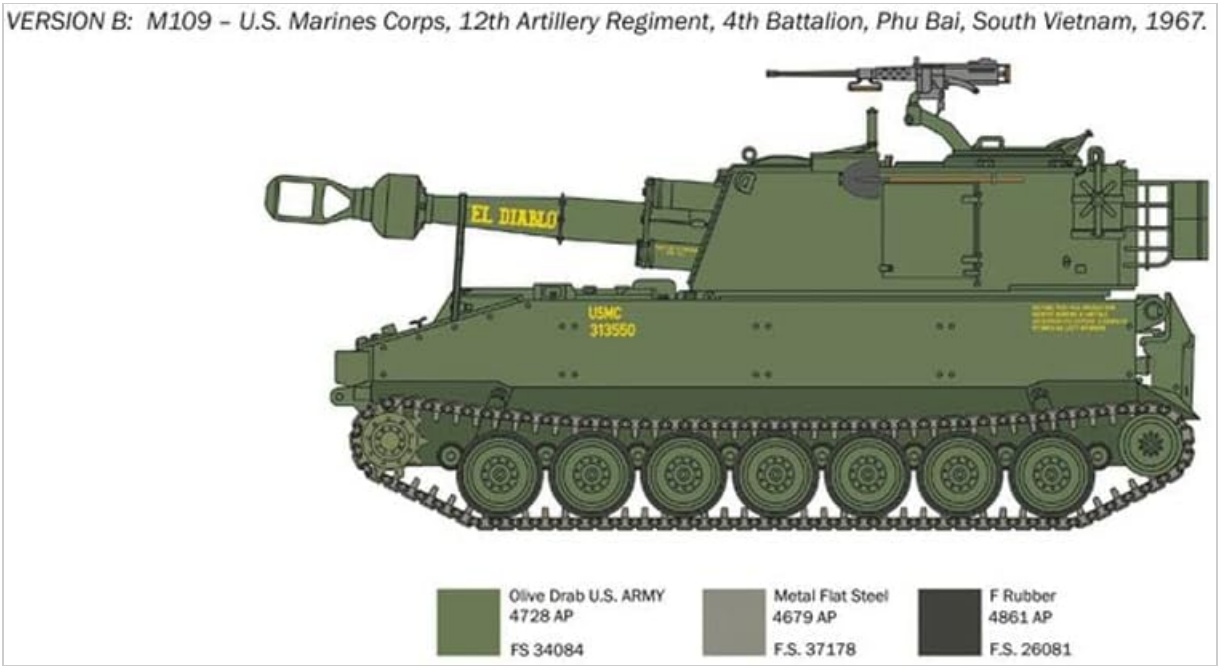

Image 6.3: Painting guide for M109 - U.S. Marines Corps, Vietnam, 1967, showing a single olive drab color scheme.

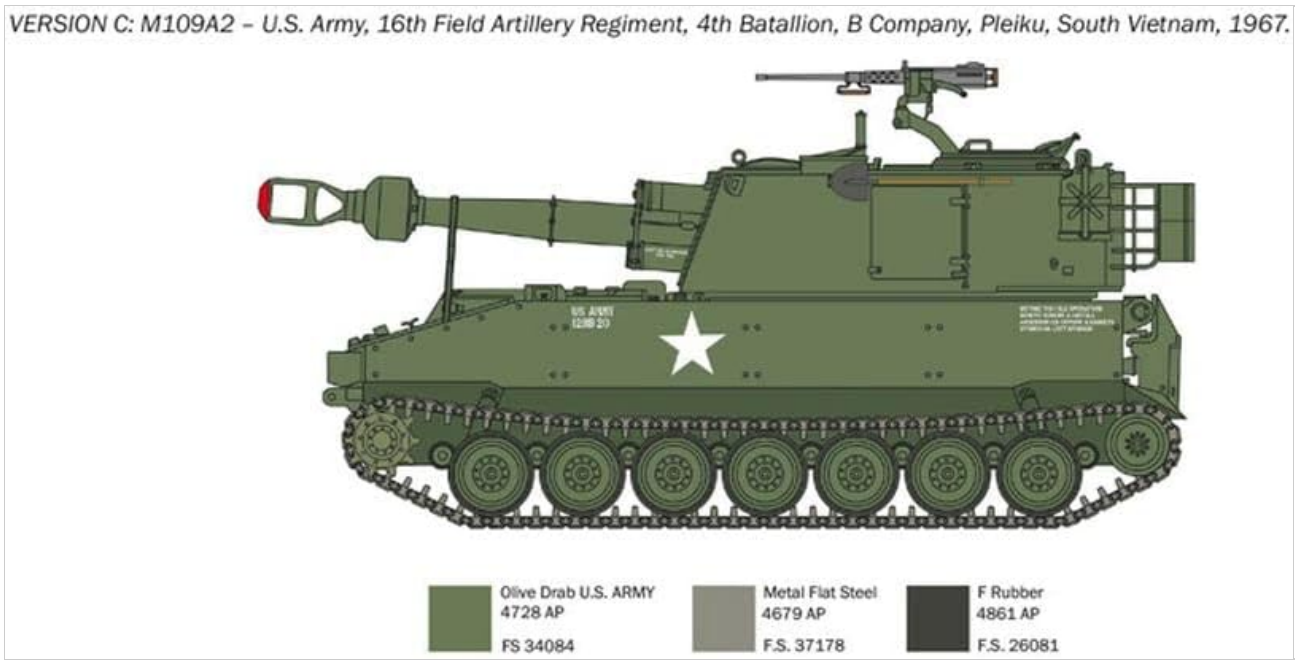

Image 6.4: Painting guide for M109A2 - U.S. Army, Vietnam, 1967, also featuring a single olive drab color scheme.

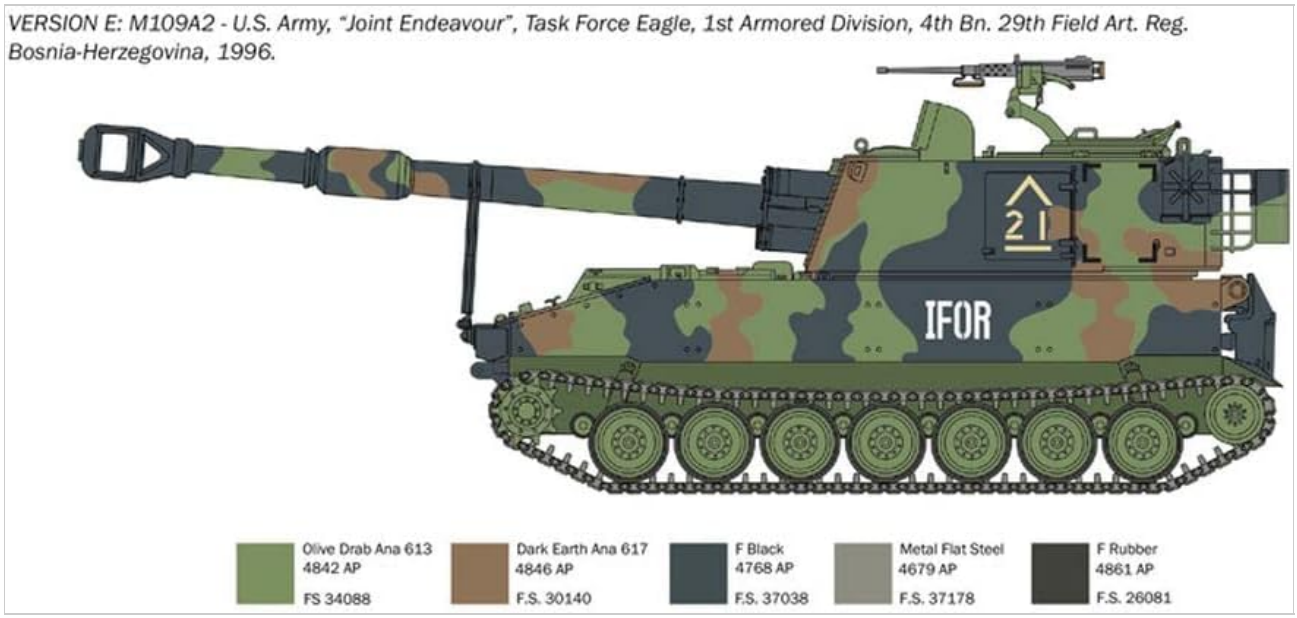

Image 6.5: Painting guide for M109A2 - U.S. Army, Bosnia-Herzegovina, 1996, depicting a multi-color camouflage pattern.

Apply paint in thin, even coats. Allow each coat to dry completely before applying the next. Consider using a primer for better paint adhesion.

7. Decal Application

The decal sheet provides markings for six versions (Italy/USA/Spain/Belgium). Follow these steps for applying decals:

1. Ensure the painted surface is clean, smooth, and glossy. A gloss clear coat can be applied before decaling.
2. Cut out the desired decal close to its edge.
3. Dip the decal in lukewarm water for 10-20 seconds until it slides freely on its backing paper.
4. Carefully slide the decal from the backing paper onto the model surface using tweezers or a soft brush.
5. Position the decal correctly. Use a damp cotton swab to gently press out any air bubbles or excess water.
6. Allow the decal to dry completely. For better adhesion and to eliminate silvering, a decal setting solution can be applied.

7. Once dry, a matte or satin clear coat can be applied over the entire model to protect the decals and unify the finish.

8. Specifications

Feature	Detail
Brand	Italeri
Model Name	M109 A2/A3/G
Item Model Number	IT6589
Scale	1:35
Material	Plastic
Color	Green (base plastic)
Assembled Model Dimensions	Approximately 18.8 cm (7.4 inches) in length
Recommended Age	14 years and up
Special Feature	Accurate representation of M-109's evolution, detailed scale, multiple decal options for customization

9. Warranty and Support

For any missing or defective parts, please contact Italeri customer support directly. Information regarding warranty policies and contact details can typically be found on the manufacturer's official website or included within the product packaging.
Italeri is committed to providing high-quality model kits. Should you encounter any issues during assembly or require further assistance, please reach out to their dedicated support team.
Manufacturer: Italeri S.p.A., Via Pradazzo 6/B, 40012 Calderara di Reno (BO), Italy.

© 2024 Italeri. All rights reserved. This manual is for informational purposes only.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B09V35KYTF

More documents and user manuals: **https://manuals.plus/**