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› Tamiya 1:48 Sd.Kfz.251/1 Ausf.D Halftrack Model Kit Instruction Manual

TAMIYA 32564

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Model Number: 32564

INTRODUCTION

This instruction manual provides comprehensive guidance for the assembly of the Tamiya 1:48 Sd.Kfz.251/1 Ausf.D Halftrack plastic model kit. This kit is designed for enthusiasts interested in historical military vehicles and model building. It includes components for one 1:48 scale halftrack and two figures. Assembly is required to complete the model. The Tamiya Sd.Kfz.251/1 Ausf.D Halftrack model, with a length of 126 mm, offers a detailed representation of the original vehicle. The educational objective of this kit is to enhance model-building skills and provide insight into historical military transport.

ASSEMBLY INSTRUCTIONS

Careful assembly is crucial for the successful completion of your model. Please follow the included assembly instructions provided within the kit packaging. Ensure all parts are detached cleanly from the sprues and test-fitted before applying adhesive.

Required Tools

The following tools are recommended for assembly to ensure precision and ease of construction:

Empfohlenes Werkzeug / Recommended ToolsWerkzeuge / Tools

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

Klebstoffe / Cement:

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Image: Recommended Tools. This image displays essential tools for model kit assembly, such as angled tweezers, a cutter knife, decal scissors, side cutters, basic brush sets, 10mm masking tape with dispenser, plastic cement (40ml and extra thin), Mark Fit (Strong) decal softener, and decal adhesive soft.

Art. Nr.	Description
300074003	Pinzette abgewinkelt (Angled Tweezers)
300074013	Cutter-Messer (Cutter Knife)
300074031	Decal-Schere (Decal Scissors)
300074035	Seitenschneider Spitz für Kunststoff (Side Cutter for Plastic)
30007066	Pinset-Set "Basic" (Basic Brush Set)
30007031	Masking Tape 10mm mit Abroller (Masking Tape 10mm with Dispenser)
300087003	Plastikleber 40ml Tamiya (Tamiya Plastic Cement 40ml)
300087038	Plastikleber 40ml extradünn Tamiya (Tamiya Extra Thin Plastic Cement 40ml)
300087135	Mark Fit (Strong) Dekorweichmacher 40ml (Mark Fit (Strong) Decal Softener 40ml)
300087193	Decal Adhesive Soft / Haftmittel 10ml (Decal Adhesive Soft / Bonding Agent 10ml)

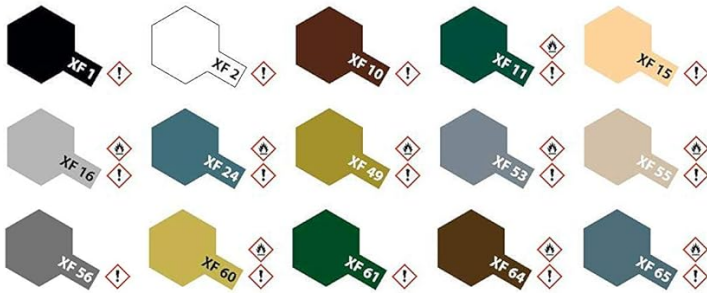
Required Paints

For accurate detailing and finishing of your model, the following Tamiya XF (Acrylic Flat), X (Acrylic Gloss), and TS (Spray) paints are recommended:



Benötigte Farben / Paints required

XF-Acryl Farben matt / XF-Acrylic Paints flat



X-Acryl-Farben glänzend / X-Acrylic-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
300081310	XF-10 Braun matt 23ml
300081311	XF-11 Jap. Navy Grün matt 23ml
300081315	XF-15 Fleischfarben matt 23ml
300081316	XF-16 Aluminium matt 23ml
300081324	XF-24 Dunkelgrau matt 23ml
300081349	XF-49 Khaki matt 23ml
300081353	XF-53 Neutral Grau matt 23ml
300081355	XF-55 Deck Tan (Hellbraun) matt 23ml
300081356	XF-56 Metallic Grau matt 23ml
300081360	XF-60 Dunkelgelb matt 23ml
300081361	XF-61 Dunkelgrün matt 23ml
300081364	XF-64 Rot-Braun matt 23ml
300081365	XF-65 Feld-Grau matt 23ml
300081010	X-10 Gun Metall glänzend 23 ml
300081012	X-12 Blatt-Gold glänzend 23 ml
300081020	X-20A Verdünner 23ml Acryl
300085001	TS-1 Rot-Braun matt 100ml
300085002	TS-2 Dunkelgrün matt 100ml
300085003	TS-3 Dunkelgelb matt 100ml

Image: Required Paints. This image illustrates the various Tamiya XF (Acrylic Flat), X (Acrylic Gloss), and TS (Spray) paints recommended for painting the Sd.Kfz.251/1 Ausf.D Halftrack model kit.

Art. Nr.	Description
XF-Acrylic Farben matt / XF-Acrylic Paints flat	
300081301	XF-1 Schwarz matt 23ml (Flat Black)
300081302	XF-2 Weiss matt 23ml (Flat White)
300081310	XF-10 Braun matt 23ml (Flat Brown)
300081311	XF-11 Jap. Navy Grün matt 23ml (Japanese Navy Green)
300081315	XF-15 Fleischfarben matt 23ml (Flat Flesh)
300081316	XF-16 Aluminium matt 23ml (Flat Aluminum)
300081324	XF-24 Dunkelgrau matt 23ml (Dark Grey)
300081349	XF-49 Khaki matt 23ml (Khaki)
300081353	XF-53 Neutral Grau matt 23ml (Neutral Grey)
300081355	XF-55 Deck Tan (Hellbraun) matt 23ml (Deck Tan (Light Brown))
300081356	XF-56 Metallic Grau matt 23ml (Metallic Grey)
300081360	XF-60 Dunkelgelb matt 23ml (Dark Yellow)
300081361	XF-61 Dunkelgrün matt 23ml (Dark Green)
300081364	XF-64 Rot-Braun matt 23ml (Red Brown)
300081365	XF-65 Feld-Grau matt 23ml (Field Grey)
X-Acryl-Farben glänzend / X-Acrylic-Paints gloss, 23ml	
300081010	X-10 Gun Metall glänzend 23 ml (Gun Metal Gloss)
300081012	X-12 Blatt-Gold glänzend 23 ml (Gold Leaf Gloss)
300081020	X-20A Verdünner 23ml Acryl (Thinner 23ml Acrylic)
TS-Sprühfarben für Kunststoffe / TS-Paint-Spray for Plastics, 100ml	
300085001	TS-1 Rot-Braun matt 100ml (Red Brown Flat)
300085002	TS-2 Dunkelgrün matt 100ml (Dark Green Flat)
300085003	TS-3 Dunkelgelb matt 100ml (Dark Yellow Flat)

OPERATING AND DISPLAY

This Tamiya model is a static display item. It is not designed for active play or movement. Once assembled, the model can be displayed on a shelf, in a diorama, or as part of a collection. Handle the model with care to prevent damage to delicate parts or paint finishes.

- **Placement:** Display the model in a stable location away from direct sunlight, extreme temperatures, and high humidity to preserve its condition.
- **Handling:** Always lift the model by its base or sturdy sections to avoid stressing smaller, attached components.

MAINTENANCE

Proper maintenance will ensure the longevity and appearance of your model.

- **Cleaning:** Dust the model regularly with a soft, dry brush or a lint-free cloth. Avoid using water, cleaning solutions, or abrasive materials, as these can damage the paint or plastic.
- **Storage:** If storing the model, place it in a protective container to prevent dust accumulation and accidental damage. Ensure the storage area is cool, dry, and stable.
- **Repairs:** In case of minor damage, use appropriate plastic cement or adhesive for repairs. For paint touch-ups, refer to the paint list in the Assembly section.

TROUBLESHOOTING

Encountering issues during assembly is common. Here are some tips for common problems:

- **Parts Not Fitting:**
 - Ensure you are using the correct parts as indicated in the instruction manual.
 - Carefully trim any excess plastic (flash) from the parts using a hobby knife or side cutters.
 - Lightly sand mating surfaces if necessary, but avoid removing too much material.
- **Decal Application Issues:**
 - Ensure the surface where the decal is applied is smooth and glossy. A clear gloss coat can be applied before decals.
 - Use decal setting solutions (like Tamiya Mark Fit) to help decals conform to irregular surfaces and eliminate silvering.
 - Allow decals to dry completely before applying a clear matte or gloss topcoat.
- **Paint Adhesion Problems:**
 - Ensure plastic parts are clean and free of mold release agents or oils. Wash parts with mild soap and water, then rinse and dry thoroughly before priming or painting.
 - Apply paint in thin, even coats. Multiple thin coats are better than one thick coat.
 - Allow sufficient drying time between coats.

SPECIFICATIONS

Feature	Detail
Brand	TAMIYA
Model Name	German SdkFz 251 Ausf.D Halftrack
Model Number	32564
Scale	1:48 Scale
Material Type	Plastic
Item Dimensions (L x W x H)	1.88 x 7.5 x 11.5 inches (4.78 x 19.05 x 29.21 cm)
Item Weight	0.02 Pounds (approx. 9 grams)
Included Components	Model kit parts, 2 figurines
Assembly Required	Yes
Batteries Required	No
Operation Mode	Manual (static display model)
Minimum Age (Manufacturer)	168 months (14 years)
Educational Objective	To teach users about historical military vehicles and improve their model-building skills
Theme	Military
Subject Character	German Soldier