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> Tamiya 32584 1/48 German Panzer IV AUSF.H Plastic Model Kit Instruction Manual

## TAMIYA TAM32584

# Tamiya 32584 1/48 German Panzer IV AUSF.H Plastic Model Kit Instruction Manual

Brand: TAMIYA | Model: TAM32584

## INTRODUCTION

This manual provides detailed instructions for the assembly, painting, and care of your Tamiya 32584 1/48 German Panzer IV AUSF.H plastic model kit. The Panzer IV was a significant German tank during WWII, with the Ausf. H variant featuring a L/48 75mm gun and "Schurzen" armor side skirts for enhanced protection. This kit accurately replicates the late production Ausf. H, including specific track designs and other unique features.



Image: Completed Tamiya 1/48 German Panzer IV AUSF.H model kit with desert camouflage and a commander figure.

# SAFETY INFORMATION

**Warning: This product contains small parts and is not suitable for children. Recommended age for assembly is 16 years and older. Always use tools and adhesives in a well-ventilated area and follow manufacturer's safety guidelines for all materials used.**

## KIT CONTENTS

The Tamiya 32584 kit includes the following components:

- Tamiya 32584 1/48 German Panzer IV AUSF.H Plastic Model Kit parts
- Decals and Markings
- Instruction Manual

## BEFORE YOU BEGIN: REQUIRED MATERIALS AND TOOLS

Successful assembly requires additional materials and tools not included in the kit. Ensure you have these items ready before starting.

### Paints Required

The following Tamiya paints are recommended for accurate color representation. Refer to the kit's painting guide for specific color placement.

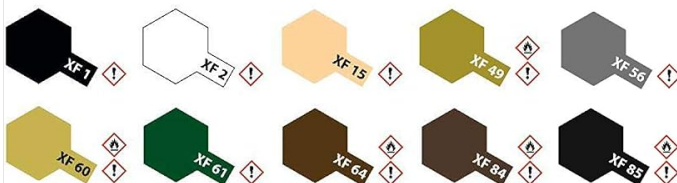
1:48 Dt. PzKpfw. IV Ausf.H (Späte Prod.)

Art. Nr. 300032584



#### 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
300081315	XF-15 Fleischfarben matt 23ml
300081349	XF-49 Khaki 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
300081784	XF-84 Eisen Dunkel matt 10ml Acryl (6)
300081785	XF-85 Gummi-schwarz matt 10ml Acryl (6)
300081010	X-10 Gun Metall glänzend 23 ml
300081018	X-18 Schwarz seidenmatt 23ml
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

- **XF-Acryl Paints (Matt):** For base coats and camouflage.
- **X-Acryl Paints (Gloss):** For specific details or a glossy finish before decaling.
- **TS-Paint (Spray for Plastics):** For larger areas or primer application.

## Recommended Tools

These tools will assist in precise assembly and a clean finish.

**1:48 Dt. PzKpfw. IV Ausf.H (Späte Prod.)**

**Empfohlenes Werkzeug / Recommended Tools**

**Werkzeuge / Tools**



**Art. Nr. 300032584**



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	Plastikkleber 40ml Tamiya
300087038	Plastikkleber 40ml extradünn Tamiya
300087135	Mark Fit (Strong) Dekorweichmacher 40ml
300087193	Decal Adhesive Soft / Haftmittel 10ml

**Klebstoffe / Cement:**



Seite 2

Image: Recommended tools for model assembly, including tweezers, cutter, decal scissors, nippers, brushes, masking tape, and various adhesives.

- **Angled Tweezers:** For handling small parts.
- **Cutter Knife:** For precise cutting and trimming of plastic parts.
- **Decal Scissors:** For cutting decals accurately.
- **Nippers (Side Cutter):** For cleanly removing parts from sprues.
- **Paint Brushes:** Various sizes for detailed painting.
- **Masking Tape:** For precise paint lines and holding parts.
- **Plastic Cement:** For bonding plastic parts.
- **Decal Adhesive Soft/Haftmittel:** For applying and setting decals.

## ASSEMBLY INSTRUCTIONS

Follow the numbered steps in the kit's included instruction booklet for detailed part-by-part assembly. The following points highlight key features and considerations during construction.

## General Assembly Tips

- Carefully read all instructions before beginning.
- Test fit parts before applying adhesive to ensure proper alignment.
- Remove parts from sprues cleanly using nippers and trim any excess plastic (flash) with a hobby knife or file.

## Key Assembly Features

- **Schurzen Side Skirts:** The kit accurately captures the form of the late production Ausf. H, including the distinctive Schurzen side skirts. Pay attention to their attachment points for a secure fit.
- **Auxiliary Engine Muffler and Towing Pintle:** Features unique to the late production Ausf. H, such as the auxiliary engine muffler and towing pintle, are faithfully recreated. Refer to the diagrams for correct placement.
- **Weighted Lower Hull:** Weights are included for installation in the lower hull. This provides the model with an authentic, weighty feel once completed. Ensure these are securely placed during lower hull assembly.
- **Commander Figure:** The kit includes one realistic commander figure. Assemble and paint this figure separately before placing it in the tank's turret hatch.
- **Track Assembly:** The late production Panzer IVs are identifiable by their tracks, which lacked a center guide. The upper road wheels had their rubber tires removed and were made into steel wheels, while the tank received cast metal idler wheels. Assemble the tracks carefully, ensuring proper alignment and tension.



Image: Detailed view of the Tamiya 1/48 German Panzer IV AUSF.H model's turret, main gun, and front hull, showcasing intricate details and track links.



Image: Rear view of the Tamiya 1/48 German Panzer IV AUSF.H model, highlighting the auxiliary engine muffer, towing pintle, and track details.

## FINISHING AND DECALS

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Once assembly is complete, prepare the model for painting. Apply paint in thin, even coats. The kit comes with two marking options, allowing for customization. Apply decals carefully using water and decal setting solution for a seamless appearance.

## MAINTENANCE

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To preserve the quality and appearance of your completed model, follow these maintenance guidelines:

- **Cleaning:** Dust your model regularly with a soft brush or compressed air. Avoid using harsh chemicals or abrasive materials.
- **Handling:** Handle the model by its base or sturdy sections to prevent damage to delicate parts.
- **Storage:** Store the model in a cool, dry place away from direct sunlight, which can cause paint fading or plastic warping. A display case can protect it from dust and accidental damage.

## TROUBLESHOOTING

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Here are solutions to common issues encountered during model assembly:

- **Parts Not Fitting:** Ensure all sprue gates are cleanly removed and check for any excess plastic (flash) that might obstruct fit. Light sanding or filing may be required.
- **Decal Silvering:** If decals appear to have a silvery sheen, apply a gloss coat before decaling and use a decal setting solution to help them conform to the surface and eliminate air bubbles.
- **Paint Issues:** For uneven paint, ensure surfaces are clean and apply paint in multiple thin coats rather than one thick coat. Allow adequate drying time between coats.
- **Missing Parts:** Double-check the sprues and packaging. If a part is genuinely missing, contact Tamiya customer support.

## PRODUCT SPECIFICATIONS

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Specification	Detail
Product Dimensions	11.5 x 7.5 x 2.38 inches
Item Weight	11 ounces
ASIN	B00T73UPQ0
Item Model Number	TAM32584
Manufacturer Recommended Age	16 years and up
Manufacturer	Tamiya
Date First Available	February 5, 2015

## WARRANTY AND SUPPORT

Specific warranty information for the Tamiya 32584 1/48 German Panzer IV AUSF.H Plastic Model Kit is not provided in the product details. For any inquiries regarding product defects, missing parts, or technical assistance, please contact Tamiya customer support directly through their official website or authorized distributors. Keep your purchase receipt as proof of purchase.