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› TAMIYA 35009 1/35 German PZKPFW II Plastic Model Kit Instruction Manual

TAMIYA TAM35009

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Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the assembly, painting, and care of your TAMIYA 35009 1/35 German PZKPFW II Plastic Model Kit. The Pzkw II was a significant light tank used by the German army in the early stages of World War II, known for its mobility. This highly accurate static display model kit allows enthusiasts to recreate this historical vehicle.



Image: A fully assembled TAMIYA 1/35 German PZKPFW II Plastic Model Kit, showcasing its detailed construction and historical accuracy.

Safety Information

Please read and understand all safety warnings before beginning assembly. This model kit contains small parts and is not suitable for young children due to potential choking hazards. Adult supervision is recommended for younger builders. Always use tools carefully and in a well-ventilated area when painting or using adhesives.

Assembly Instructions

Required Tools and Materials

Before starting assembly, ensure you have the following tools and materials. These are essential for a successful build and are not included in the kit.

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	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: A visual guide to recommended tools and adhesives for model assembly, including tweezers, hobby knife, side cutters, paint brushes, and various types of cement.

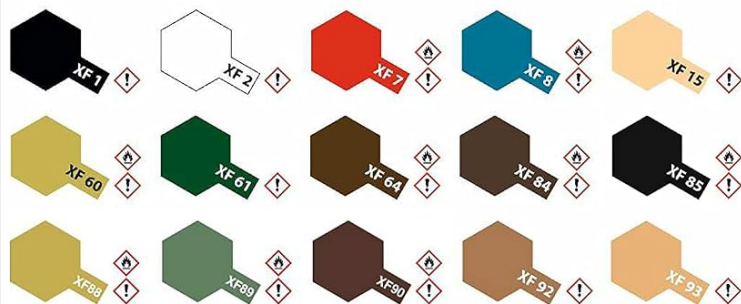
- **Hobby Knife/Cutter:** For precise cutting of parts from sprues.
- **Side Cutters:** Ideal for cleanly detaching plastic parts.
- **Tweezers:** Useful for handling small components.
- **Plastic Cement/Adhesive:** Specifically designed for plastic models to bond parts securely.
- **Paint Brushes:** Various sizes for detailed painting.
- **Masking Tape:** For precise painting and holding parts during assembly.
- **Sandpaper/Files:** Fine-grit for smoothing cut surfaces.

Required Paints

To achieve an authentic finish, specific paint colors are recommended. Refer to the image below for TAMIYA XF (flat) and X (gloss) acrylic paint codes.

Benötigte Farben / Paints required

XF-Acryl Farben matt / XF-Acrylic Paints flat



X-Acryl-Farben glänzend / X-Acrylic-Paints gloss, 23ml



Art. Nr	Bezeichnung
300081301	XF-1 Schwarz matt 23ml
300081302	XF-2 Weiss matt 23ml
300081307	XF-7 Rot matt 23ml
300081308	XF-8 Blau matt 23ml
300081315	XF-15 Fleischfarben 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)
300081788	XF-88 Dunkelgelb 2 matt 10ml Acryl
300081789	XF-89 Dunkelgrün 2 matt 10ml Acryl
300081790	XF-90 Rotbraun 2 matt 10ml Acryl
300081792	XF-92 Gelbbraun matt DAK41 10ml A.(VE6)
300081793	XF-93 Hellbraun matt DAK42 10ml A.
300081010	X-10 Gun Metall glänzend 23 ml
300081011	X-11 Chrom Silber glänzend 23 ml
300081020	X-20A Verdünner 23ml Acryl

Image: A chart displaying the TAMIYA XF (flat) and X (gloss) acrylic paint colors required for painting the German PZKPFW II model, along with their corresponding article numbers.

- XF-1 Flat Black
- XF-2 Flat White
- XF-7 Flat Red
- XF-8 Flat Blue
- XF-15 Flat Flesh
- XF-60 Dark Yellow
- XF-61 Dark Green
- XF-64 Red Brown
- XF-84 Dark Iron
- XF-85 Rubber Black
- XF-88 Dark Yellow 2
- XF-89 Dark Green 2
- XF-90 Red Brown 2
- XF-92 Yellow Brown
- XF-93 Light Brown
- X-10 Gun Metal
- X-11 Chrome Silver
- X-20A Thinner

General Assembly Steps

1. **Preparation:** Carefully remove all parts from the sprues using side cutters. Trim any excess plastic (flash) with a hobby knife or sandpaper.
2. **Sub-Assemblies:** Begin by assembling smaller components and sub-assemblies, such as the turret, tracks, and wheels, as indicated in the kit's specific instruction diagrams.
3. **Main Hull Assembly:** Join the main hull sections, ensuring proper alignment. Use plastic cement sparingly to avoid damaging the plastic.
4. **Detailing:** Attach smaller detail parts, such as tools, hatches, and machine guns.
5. **Track Assembly:** Assemble the track links according to the instructions. Some kits feature individual links, while others use flexible rubber tracks.
6. **Painting:** Once the main assembly is complete, or at appropriate sub-assembly stages, apply primer and then the base coats of paint. Follow with camouflage patterns and detail painting. Allow each coat to dry thoroughly.
7. **Decals:** Apply the included decals (markings) using decal setting solution for a seamless look.
8. **Weathering (Optional):** For a realistic appearance, apply weathering effects such as washes, dry brushing, and pigments to simulate dirt, rust, and wear.
9. **Final Assembly:** Attach any remaining sub-assemblies, such as the turret to the hull.



Image: A completed TAMIYA 1/35 German PZKPFW II model tank, painted in desert camouflage, accompanied by four German infantry figures. This image demonstrates the potential for diorama creation.



Image: A closer view of the TAMIYA 1/35 German PZKPFW II model, highlighting the details of the tank's tracks and hull, along with the uniforms and equipment of the accompanying infantry figures.



Image: A detailed close-up of the tank commander figure, positioned in the turret hatch of the TAMIYA 1/35 German PZKPFW II model, showing the painted uniform and binoculars.

MAINTENANCE AND CARE

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

- **Dusting:** Regularly dust your model with a soft, dry brush or a can of compressed air to prevent dust buildup in crevices.
- **Handling:** Handle the model carefully, avoiding excessive pressure on delicate parts. Always lift the model from its base or sturdy sections.
- **Display Environment:** Display your model in a stable, dry environment away from direct sunlight, extreme temperatures, and high humidity. These conditions can cause paint fading, warping, or material degradation over time.
- **Cleaning:** Avoid using water or chemical cleaners, as these can damage paint or plastic. For stubborn dust, a slightly damp cloth can be used very gently, but ensure it is almost dry.

TROUBLESHOOTING COMMON ISSUES

Here are some common issues encountered during model building and how to address them:

- **Parts Not Fitting:**
 - Ensure all sprue gates are cleanly removed.
 - Check for excess plastic (flash) on the edges of parts and carefully trim it.
 - Dry-fit parts before applying cement to identify any alignment issues.
- **Gaps Between Parts:**
 - Use plastic putty or a small amount of dissolved sprue plastic (sprue goo) to fill gaps. Sand smooth once dry.
 - Apply gentle clamping pressure while cement dries to close small gaps.
- **Paint Issues (Uneven, Peeling):**
 - Ensure the surface is clean and free of oils before painting.
 - Apply thin, even coats of paint rather than one thick coat.
 - Allow sufficient drying time between coats.
 - Use a primer before painting for better adhesion.
- **Decal Silvering:**
 - Apply decals over a gloss surface.
 - Use a decal setting solution to help the decal conform to the surface and eliminate air bubbles.
 - Ensure no air is trapped under the decal.

SPECIFICATIONS

Feature	Detail
Brand	TAMIYA
Model Name	1/35 German PZKPFW II Plastic Model Kit
Item Model Number	TAM35009
Scale	1/35
Material	Plastic
Number of Pieces	180

Item Dimensions (L x W x H)	10.13 x 6.25 x 1.5 inches
Item Weight	7.1 ounces (200 Grams)
Recommended Age	16 - 16 years
Theme	Military
Included Components	Tamiya 35009 1/35 German PZKPFW II Plastic Model Kit

WARRANTY AND SUPPORT

For any questions regarding your TAMIYA 35009 1/35 German PZKPFW II Plastic Model Kit, please refer to the contact information provided on the product packaging or the official TAMIYA website. TAMIYA stands by the quality of its products. Please retain your proof of purchase for any warranty claims.

