

## Border Model BT026

# Border Model BT026 1/35 Jagdpanzer IV L/70, Panzer IV/70(A) Final Plastic Model Kit Instruction Manual

Model: BT026 | Brand: Border Model

## 1. INTRODUCTION

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This instruction manual provides comprehensive guidance for the assembly of the Border Model BT026 1/35 Jagdpanzer IV L/70, Panzer IV/70(A) Final plastic model kit. This kit allows enthusiasts to recreate a historically significant German tank destroyer from World War II, known for its powerful 7.5 cm L/70 cannon and low silhouette. Careful attention to these instructions will ensure a rewarding building experience and an accurate replica.

Please read all instructions thoroughly before beginning assembly. This kit requires modeling tools, plastic cement, and paints, which are not included.

## 2. SAFETY INFORMATION

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Always prioritize safety during model assembly. Please observe the following precautions:

- **Small Parts:** This kit contains small parts that may pose a choking hazard. Keep out of reach of young children.
- **Sharp Tools:** Modeling knives, clippers, and other tools can be sharp. Use with caution and always cut away from your body.
- **Adhesives and Paints:** Use plastic cement and paints in a well-ventilated area. Avoid prolonged inhalation of fumes. Refer to the manufacturer's safety data sheets for specific product warnings.
- **Photo-Etched Parts:** Photo-etched parts are thin and can have sharp edges. Handle with care to avoid injury or bending.

## 3. PACKAGE CONTENTS

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Upon opening the box, verify that all components are present. The Border Model BT026 kit typically includes:

- Plastic sprues containing various parts for the Jagdpanzer IV L/70.

- Photo-etched parts, including mesh side skirts (Schürzen).
- Metal gun barrel for the 7.5 cm L/70 cannon.
- Decal sheet for markings and insignia.
- Instruction booklet (this manual).
- Additional accessories as specified by the manufacturer.

The kit features a late tub design with 3 support rollers, enhancing historical accuracy.

## 4. ASSEMBLY INSTRUCTIONS

Follow the numbered steps in the included diagrammatic instructions for precise assembly. The following general guidelines and specific details are provided to assist you.

### 4.1. Overview of Components and Features



Image 1: Box art illustrating the Border Model BT026 Jagdpanzer IV L/70. This image provides a visual reference for the completed model, showcasing its overall appearance, camouflage pattern, and key features such as the long gun barrel and side skirts.

The kit is designed to represent the Jagdpanzer IV L/70 (A) final version, an "intermediate solution" variant. Pay close attention to the details of the hull, superstructure, and running gear as you proceed.

### 4.2. Detailed Parts and Sub-Assemblies



Image 2: Detailed views of kit components. This image displays the metal gun barrel, the intricate photo-etched mesh side skirts, and various internal and external details such as hatches, periscopes, and the driver's station. These components require careful handling and precise assembly.

- **Hull Assembly:** Begin with the lower hull, attaching the suspension components and road wheels. The kit features a late tub with 3 support rollers, ensuring historical accuracy.
- **Superstructure:** Assemble the main fighting compartment, paying attention to the fit of the sloped armor plates.
- **Cannon Assembly:** The kit includes a metal gun barrel for the 7.5 cm L/70 cannon. This metal part offers superior detail and rigidity compared to plastic alternatives. Carefully attach it to the gun mantlet and mount it within the superstructure.
- **Photo-Etched Parts:** The photo-etched mesh side skirts (Schürzen) require careful bending and attachment. Use appropriate tools for photo-etched parts to achieve clean bends and secure adhesion.
- **Tracks:** The kit includes new late-type tracks. Follow the instructions for assembling these tracks, which may be individual links or link-and-length type.
- **Accessories:** Attach all external accessories such as tools, spare tracks, and jerry cans as indicated in the instructions. The kit includes extensive accessories for a detailed finish.

## 5. PAINTING AND FINISHING GUIDE

Once assembly is complete, the model is ready for painting and weathering. The Jagdpanzer IV L/70 operated in various theaters, allowing for diverse camouflage schemes.



Image 3: Camouflage scheme examples. This image presents three distinct painting options for the Jagdpanzer IV L/70, illustrating different historical camouflage patterns. Modelers can choose to replicate one of these schemes or research other period-appropriate finishes.

- **Surface Preparation:** Ensure the model is clean and free of dust or grease before priming.
- **Priming:** Apply a thin, even coat of primer to all surfaces.
- **Base Coats:** Apply the base colors according to your chosen camouflage scheme. Refer to historical references for accurate color matching.
- **Detail Painting:** Paint smaller details such as tools, tracks, and machine guns.

- **Decals:** Apply decals after a gloss coat has been applied to the model. Use decal setting solutions for a seamless appearance.
- **Weathering:** Once decals are dry and sealed with a clear coat, apply weathering effects such as washes, filters, and pigments to enhance realism.

## 6. SPECIFICATIONS

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<b>Model Number</b>	BT026
<b>Scale</b>	1/35
<b>Product Dimensions</b>	9.69 x 3.58 x 2.2 inches (packaging)
<b>Item Weight</b>	1.45 pounds (packaging)
<b>Manufacturer</b>	Border Model
<b>Key Features</b>	Photo-etched parts, Metal gun barrel, Late tub with 3 support rollers, Extensive accessories

## 7. MAINTENANCE

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Once assembled and painted, proper care will preserve your model for years to come:

- **Dusting:** Regularly dust your model with a soft brush or compressed air to prevent accumulation.
- **Storage:** Store the model in a display case or a location away from direct sunlight, extreme temperatures, and high humidity to prevent fading, warping, or damage to paint and decals.
- **Handling:** Handle the model by its sturdy parts, avoiding delicate components like antennas, machine guns, or photo-etched details.

## 8. TROUBLESHOOTING

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While building model kits is generally straightforward, you might encounter common issues:

- **Parts Not Fitting:** Ensure parts are properly cleaned of sprue gates and flash. Dry-fit parts before applying cement. If necessary, gently sand or trim for a better fit.
- **Gaps:** Small gaps can be filled with plastic putty or stretched sprue.
- **Paint Issues:** If paint is peeling or uneven, ensure the surface was clean and primed. Apply paint in thin, even coats.
- **Decal Silvering:** This occurs when air is trapped under the decal. Apply decals over a gloss surface and use decal setting solutions to help them conform to the surface.

## 9. WARRANTY AND SUPPORT

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For any missing or defective parts, or for further technical assistance, please contact Border Model customer support directly. Refer to the contact information provided on the product packaging or the official Border Model website. Please retain your proof of purchase.

