

BORDER MODEL BT005

Border Model BT005 Pz.Kpfw.IV AUSF.H Early/Mid 2-in-1 German Tank Model Kit Instruction Manual

Model: BT005 | Brand: BORDER MODEL

1. INTRODUCTION

This instruction manual provides detailed guidance for assembling and maintaining your Border Model BT005 Pz.Kpfw.IV AUSF.H Early/Mid 2-in-1 German Tank Model Kit. This kit allows for the construction of either an early or mid-production variant of the Panzer IV Ausf.H in 1:35 scale. Please read all instructions carefully before beginning assembly.

The kit is designed for experienced modelers and includes highly detailed parts, including photo-etched components and a twisted aluminum barrel, to ensure a high-quality replica.

2. SAFETY INFORMATION

WARNING: This product is a scale model kit and **not a toy**. It contains small parts and sharp components. Not suitable for children under 14 years of age. Adult supervision is recommended for younger modelers.

- Keep out of reach of small children to prevent choking hazards.
- Use appropriate ventilation when working with glues, paints, and thinners.
- Exercise caution when using hobby knives and other sharp tools.
- Dispose of waste materials responsibly.

3. WHAT'S IN THE BOX

Your Border Model BT005 kit includes the following components:

- Plastic model kit sprues for Panzer IV Ausf.H (Early/Mid production variants)
- Twisted aluminum barrel
- Photo-etched parts sheet

- Metal side skirts (Schürzen)
- Decal sheet
- Instruction booklet
- Color profile guide (AMMO MIG)
- Tank crew figures

Note: *Glue, paints, and modeling tools are not included and must be purchased separately.*

4. ASSEMBLY INSTRUCTIONS

Follow the step-by-step diagrams provided in the included instruction booklet. The general assembly process involves:

1. **Preparation:** Carefully remove parts from the sprues using a hobby knife or nippers. Clean any mold lines or flash with a sanding stick or file.
2. **Sub-Assemblies:** Assemble smaller components such as the turret, chassis, and running gear first. Pay close attention to the choice between early and mid-production parts.
3. **Chains and Barrel:** The kit features functional link-and-length tracks. Assemble these carefully, ensuring proper alignment. Install the twisted aluminum barrel as indicated in the instructions.
4. **Photo-Etched Parts:** Attach the photo-etched parts using super glue (CA glue). These parts require careful handling due to their delicate nature.
5. **Main Assembly:** Combine the sub-assemblies to form the complete tank.
6. **Metal Side Skirts:** Affix the metal side skirts (Schürzen) to the hull.
7. **Painting and Decals:** Once assembly is complete, clean the model thoroughly. Apply primer, then paint according to the AMMO MIG color profiles. After painting, apply the decals using decal setting solutions for a seamless finish.
8. **Crew Figures:** Assemble and paint the included tank crew figures to complement your model.

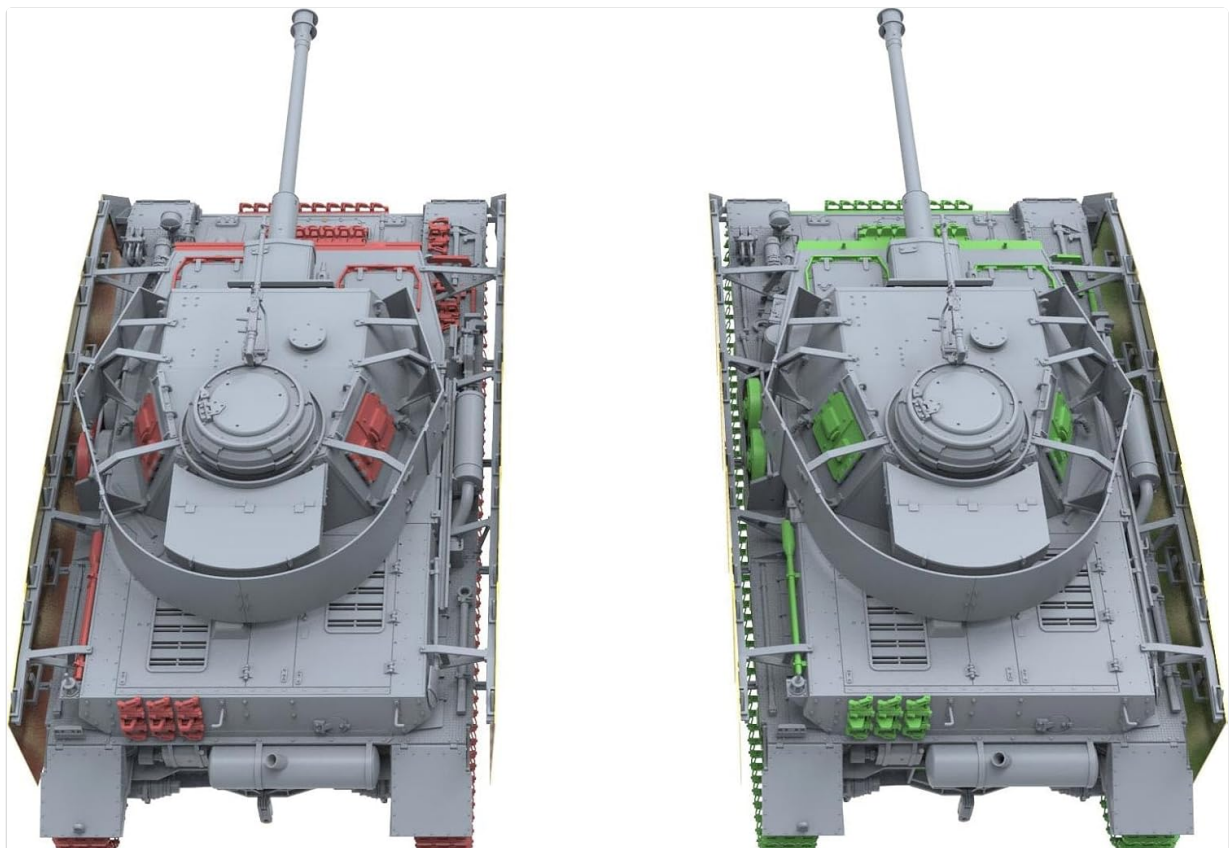


Figure 4.1: Top-down view illustrating the differences between the early (left, red highlights) and mid (right, green highlights) production Panzer IV Ausf.H variants.

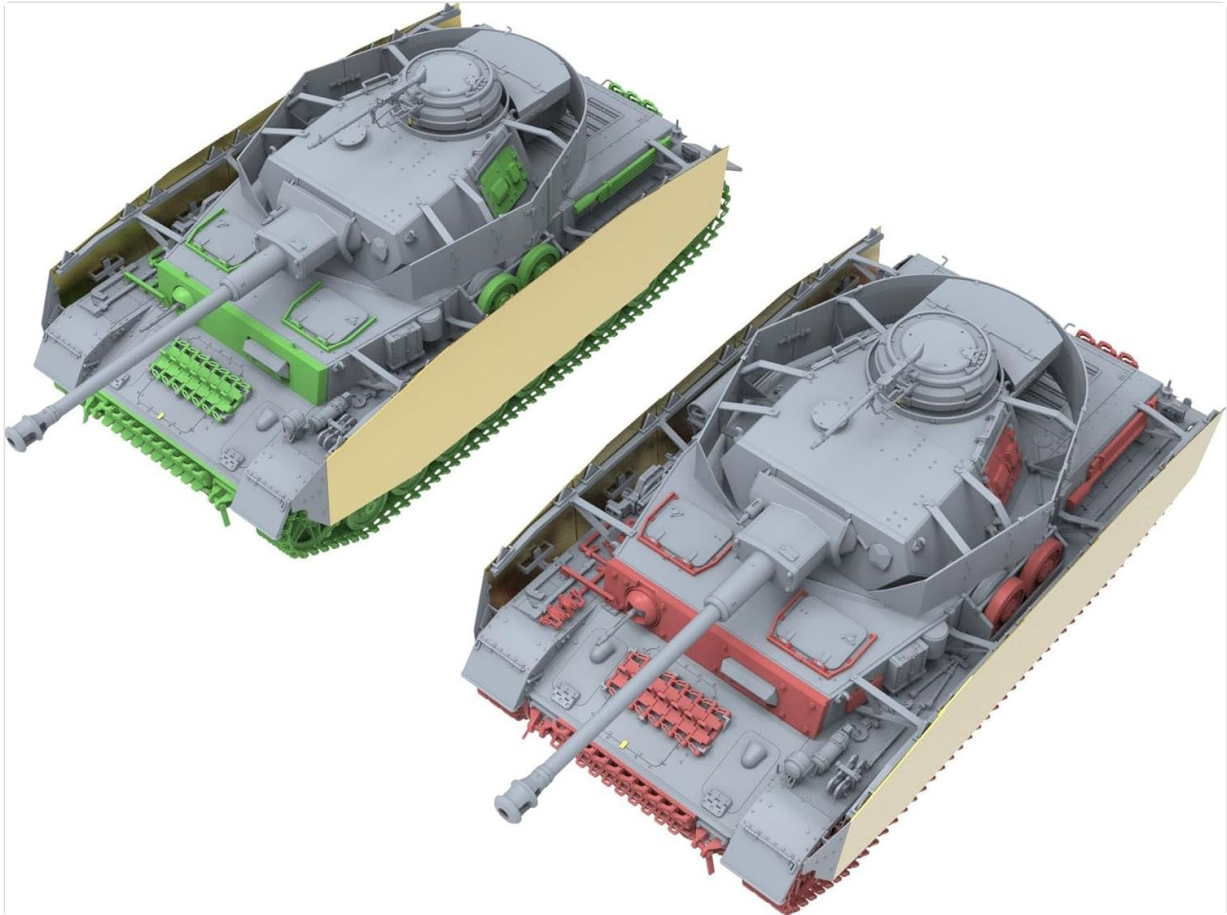


Figure 4.2: Angled view highlighting the distinct features of the early (bottom, red highlights) and mid (top, green highlights) production Panzer IV Ausf.H models.

5. KEY FEATURES

This model kit offers several distinctive features for an authentic and detailed build:

- Exclusive super detailed version, including tank crew figures.
- Option to build either an early or mid-production variant of the Panzer IV Ausf.H.
- Functional link-and-length track chains for realistic appearance.
- High-quality twisted aluminum barrel for enhanced detail.
- Comprehensive set of photo-etched parts for fine details.
- Metal side skirts (Schürzen) for added realism.
- Includes AMMO MIG color profiles and a decal sheet for accurate markings.

6. DISPLAY AND HANDLING

Once your model is complete, proper display and handling will preserve its condition:

- **Display Location:** Place your finished model in a stable, dust-free environment away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Always handle the model by its base or sturdy parts of the hull. Avoid touching delicate components like antennas, machine guns, or photo-etched details.

- **Protection:** Consider displaying the model inside a clear display case to protect it from dust and accidental damage.

7. MAINTENANCE

Regular, gentle maintenance will keep your model looking its best:

- **Dusting:** Use a soft, dry brush (such as a makeup brush or dedicated model dusting brush) to gently remove dust. For stubborn dust in crevices, a can of compressed air can be used carefully from a distance.
- **Cleaning:** Avoid using water, cleaning solutions, or abrasive materials, as these can damage paintwork and decals.
- **Storage:** If storing the model for an extended period, ensure it is placed in a secure container, padded to prevent movement, and kept in a climate-controlled environment.

8. TROUBLESHOOTING

While building model kits can present challenges, most issues can be resolved with patience:

- **Part Fit Issues:** If parts do not fit perfectly, gently sand or trim the mating surfaces. Test fit all parts before applying glue.
- **Missing or Damaged Parts:** Carefully check all sprues against the parts list in the instruction booklet upon opening the kit. If you find any missing or significantly damaged parts, contact the manufacturer's customer support.
- **Decal Silvering:** To prevent decals from showing a "silvered" appearance, ensure the surface is glossy before application and use decal setting solutions.
- **Paint Problems:** Ensure surfaces are clean and primed. Apply paint in thin coats to avoid obscuring detail. Allow adequate drying time between coats.

9. SPECIFICATIONS

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| Model Number | BT005 |
| Product Type | Plastic Model Kit (German Tank) |
| Scale | 1:35 |
| Tank Type | Pz.Kpfw.IV AUSF.H (Early/Mid Production) |
| Manufacturer | BORDER MODEL |
| Recommended Age | 14 years and up |
| Product Dimensions | 7.87 x 3.54 x 3.15 inches (approximate finished model size) |
| Item Weight | 1 pound (kit weight) |
| Release Date | January 20, 2021 |

10. WARRANTY AND SUPPORT

BORDER MODEL strives to provide high-quality products. If you encounter any issues with your kit, such as missing or defective parts, please contact the retailer where you purchased the product or the manufacturer directly for assistance.

Please retain your proof of purchase for any warranty or support claims. Specific warranty terms may vary by region and retailer.