

## Dragon DR6484

# Dragon 1/35 Sd.kfz.181 Pz.kpfw.vi Ausf.e Fehrmann Tiger 1 Model Kit Instruction Manual

Model Number: DR6484

## 1. INTRODUCTION

This manual provides detailed instructions for the assembly, painting, and care of your Dragon 1/35 scale Sd.kfz.181 Pz.kpfw.vi Ausf.e Fehrmann Tiger 1 plastic model kit. This kit allows enthusiasts to recreate a historically significant German Tiger I tank, specifically a hybrid version used by the Fehrmann Fighter Team at the end of World War II.

Please read all instructions carefully before beginning assembly. Familiarize yourself with the parts and tools required. This kit is intended for modelers aged 10 and above due to small parts and the need for precision tools and adhesives.

## 2. PRODUCT OVERVIEW

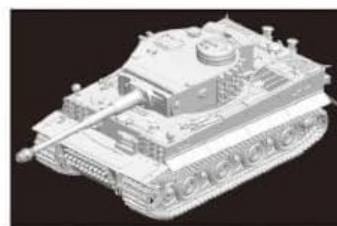
The Dragon 1/35 Sd.kfz.181 Pz.kpfw.vi Ausf.e Fehrmann Tiger 1 model kit is an unpainted plastic assembly kit designed for detailed replication. It features a hybrid body combining early model car components with a late-type converter ring, accurately representing the vehicles of the Fehrmann Fighter Team.

Pz.Kpfw. VI Ausf.E Sd.Kfz.181

# Gruppe Fehrmann Tiger I

1:35 '39-'45 SERIES

Smart  
Kit



■初期型と後期型のハイブリッド車体の特徴を正確に再現  
■フェルマン 数回以上の車内からではスペース節約のレイアウトを正確にモデル化



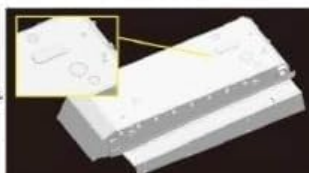
■初期型砲塔と車体上部パーツを使用  
■HL230エンジン設置のエンジンハッチはそのディテールを詳細にモデル化



■砲塔と車体接続は全部リアルに再現  
■砲塔基部の突起もしっかりと再現



■砲塔上部は一体パーツで再現  
■ディテールも再現



■車体下部のディテールまで正確に再現された車体下部パーツ



■車体下部、スチール軌輪、履帯は後期生産型を再現



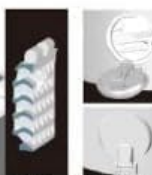
■砲塔側面に取り付けられた  
子機等は取り外し可能



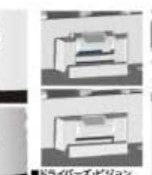
■ローダーズハッチは開閉を  
再現して組み立て可能  
■ローダーズハッチは内部の  
ディテールもレジンでモデル化



■砲塔前方入り口のグリルはその湾曲した断面の  
形状を正確に再現



■リアルに再現された砲塔の  
エスケープハッチは開閉を  
再現して組み立て可能



■トライブーズセクション  
ポートは上向き、下向き状態  
が記録後も可動



■ミニマムのサポートパーツ  
も付属



■車体後部パネルには内蔵の  
アタッチメントポイントも  
詳細に再現  
■車体後部の再現もリアリティ十分



■車体マズルブレーキは一体成形パーツ  
で形状も正確にモデル化



■車体基部に至るまで詳細にモデル化



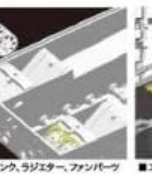
■車体後部のダストカバーも付属



■車体バグ、マウントも  
再現された車体後部



■車体マウントは  
後期型車体の形状、ディテールも再現



■車体後部の燃料タンク、ラジエーター、ファンパーツ  
もモデル化



■エアクレートの仕上がりも美しいエッチングパーツ付き



■砲塔ハッチは開閉のディテールも  
再現され、ベリスコープは透明パーツもセット



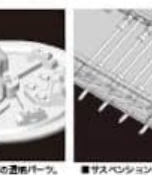
■トライブーズハッチはインテリア部分も  
リアルに再現



■スライドマウント前面で形状を正確に再現されたベリスコープの透明パーツ、  
ラバースリーブも付属



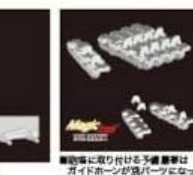
■サスペンションのトーションバーは組み立て後も可動



■砲塔に取り付けられる  
ガイドホーンが透明パーツになった  
マジックトラックパーツも付属



■エンジンリールメッシュにはエッチングパーツも付属



■エンジンリールメッシュにはエッチングパーツも付属



■砲塔パーツには2種類のハブパーツも付属



■砲塔はスライド金型を使って穴の多いガイドホーンも一体で  
再現されたマジックトラック



■ブラケットのディテールまで再現されたリアルな設置工具類



■エンジンリールメッシュにはエッチングパーツも付属



■エンジンリールメッシュにはエッチングパーツも付属



■エンジンリールメッシュにはエッチングパーツも付属



■エンジンリールメッシュにはエッチングパーツも付属

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DRAGON

Image 2.1: Overview of the Dragon 1/35 Fehrmann Tiger 1 model kit, showing the box art and various detailed components included in the kit, such as the turret, hull, tracks, and smaller parts.



Image 2.2: Size comparison of the Dragon 1/35 Fehrmann Tiger 1 model kit box, indicating its approximate dimensions relative to a human figure.

### 3. SAFETY INFORMATION

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- **Small Parts:** This kit contains small parts that may pose a choking hazard. Keep out of reach of young children.
- **Sharp Tools:** Assembly requires the use of sharp tools such as hobby knives and nippers. Always handle with care and keep fingers clear of cutting edges. Adult supervision is recommended for younger modelers.
- **Adhesives and Paints:** Use model-specific adhesives and paints in a well-ventilated area. Refer to the manufacturer's safety data sheets for specific product warnings and instructions. Avoid prolonged skin contact and inhalation of fumes.
- **Eye Protection:** Consider wearing eye protection when cutting or sanding plastic parts to prevent injury from flying debris.

### 4. WHAT'S IN THE BOX

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Your Dragon 1/35 Sd.kfz.181 Pz.kpfw.vi Ausf.e Fehrmann Tiger 1 model kit includes:

- Multiple sprues of unpainted plastic model parts for the tank hull, turret, tracks, and various details.
- Decal sheet for applying markings, including those for the Fehrmann Fighter Team.
- Instruction booklet with detailed assembly diagrams.

*Note: Adhesives, paints, brushes, and modeling tools are sold separately and are required for assembly and finishing.*

### 5. ASSEMBLY INSTRUCTIONS (SETUP)

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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 nippers. Clean any flash or mold lines with a hobby knife or sanding stick.
2. **Sub-Assemblies:** Begin by assembling smaller components such as the road wheels, suspension units, and turret parts as indicated in the manual.
3. **Hull Assembly:** Construct the main hull sections, ensuring proper alignment.
4. **Turret Assembly:** Assemble the turret, including the main gun and commander's cupola.
5. **Track Assembly:** Assemble the individual track links or flexible track sections as per the instructions.
6. **Detailing:** Attach all external details, tools, and accessories.
7. **Dry Fitting:** Always dry-fit parts before applying adhesive to ensure a good fit and prevent errors.
8. **Adhesive Application:** Apply plastic cement sparingly to bonding surfaces. Hold parts together until the adhesive sets.

Refer to the detailed diagrams in your kit's instruction booklet for specific part numbers and assembly sequences. The first image (Image 2.1) provides a visual reference for many of the detailed components and their potential assembly points.

## 6. PAINTING AND FINISHING

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Once assembly is complete, the model is ready for painting and detailing. This is an unpainted kit, allowing for custom finishes.

- **Cleaning:** Ensure the assembled model is clean and free of dust, grease, or fingerprints before priming.
- **Priming:** Apply a thin, even coat of primer suitable for plastic models. This helps paint adhere better and provides a uniform base.
- **Base Coats:** Apply the main camouflage colors according to historical references for the Fehrmann Tiger 1. Multiple thin coats are better than one thick coat.
- **Detail Painting:** Paint smaller details such as tools, machine guns, and tracks.
- **Weathering:** (Optional) Apply weathering effects such as washes, dry-brushing, and pigments to enhance realism.
- **Decals:** Apply the provided decals after the paint has fully dried. Use decal setting solutions for best results.
- **Clear Coat:** (Optional) Apply a matte or satin clear coat to protect the paint and decals.

## 7. MAINTENANCE

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Proper care will preserve the appearance of your finished model:

- **Cleaning:** Dust your model regularly with a soft brush or a can of compressed air. Avoid using harsh chemicals or abrasive materials.
- **Display:** Display your model in a stable, dust-free environment, away from direct sunlight and extreme temperature fluctuations, which can cause plastic to warp or paint to fade.
- **Handling:** Handle the model by its main body sections (hull, turret) to avoid damaging delicate parts.

## 8. TROUBLESHOOTING COMMON ASSEMBLY ISSUES

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- **Parts Don't Fit:**
  - Ensure you are using the correct parts by cross-referencing with the instruction diagrams.
  - Check for excess plastic (flash) on the mating surfaces and carefully remove it with a hobby knife or file.
  - Dry-fit parts before applying glue to identify and correct fit issues.
- **Gaps After Gluing:**
  - Small gaps can be filled with plastic putty or stretched sprue.
  - Ensure parts are held firmly together until the glue fully cures.
- **Broken Small Parts:**
  - If a small part breaks, attempt to re-glue it with a strong plastic cement or super glue.
  - For irreparable parts, consider scratch-building a replacement using plastic card or rod, or contacting the manufacturer for replacement parts if available.
- **Paint Issues:**
  - **Poor Adhesion:** Ensure the model was clean and primed before painting.
  - **Uneven Finish:** Apply paint in thin, multiple coats. Ensure proper paint thinning if using an airbrush.
  - **"Orange Peel" Texture:** This can be caused by paint drying too quickly or being applied too thickly. Adjust paint consistency and application distance.

## 9. SPECIFICATIONS

Feature	Detail
Brand	Dragon
Model Number	DR6484
Scale	1/35
Product Type	Unpainted Plastic Assembly Kit
Material	Plastic
Theme	Military (German Tiger I Tank)
Approximate Dimensions (Assembled)	Length: 9.45 inches (24 cm), Width: 4.33 inches (11 cm), Height: 3.54 inches (9 cm)
Item Weight	2.09 pounds (0.95 kg)
Recommended Age	Kid (typically 10+ for complex models)
Included Components	Plastic model parts, decal sheet, instruction manual

## 10. WARRANTY AND SUPPORT

Information regarding specific warranty terms for Dragon model kits is typically provided within the product packaging or on the manufacturer's official website. For missing or defective parts, please contact the retailer where the kit was purchased or the manufacturer directly, providing proof of purchase and details of the issue.

For further assistance or inquiries, please refer to the contact information provided by Dragon Models or your local distributor.