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## Trumpeter M1132 Stryker ESV w/Surface Mine Plow

# Trumpeter 1/35 M1132 Stryker ESV Model Kit Instruction Manual

Model: M1132 Stryker ESV w/Surface Mine Plow | Brand: Trumpeter

## 1. INTRODUCTION

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This instruction manual provides detailed guidance for the assembly, painting, and finishing of your Trumpeter 1/35 scale M1132 Stryker Engineer Squad Vehicle (ESV) with Surface Mine Plow plastic model kit. Please read all instructions carefully before beginning assembly. Familiarize yourself with the parts and diagrams to ensure a smooth building process. This kit is intended for experienced modelers due to its complexity and detail.

## 2. KIT CONTENTS AND PREPARATION

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Before starting, verify that all parts are present and undamaged. The kit typically includes:

- Plastic sprues with vehicle components
- Photo-etched parts for fine details
- Clear parts for windows and lights
- Rubber or plastic tires
- Decal sheet
- Instruction booklet

**Required Tools (Not Included):** Hobby knife, plastic cement, tweezers, sanding sticks/files, paint brushes, airbrush (optional), masking tape, paints, decal setting solution.



Figure 1: Illustration of the completed Trumpeter 1/35 M1132 Stryker ESV model, showcasing the vehicle with its surface mine plow attachment. This image serves as a visual reference for the final appearance of the assembled kit.

### 3. ASSEMBLY INSTRUCTIONS

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Follow the numbered steps in the included instruction booklet. Each step details the parts required and their placement. Use plastic cement sparingly to avoid damaging the plastic. For photo-etched parts, use super glue or specialized photo-etch adhesive.

1. **Chassis Assembly:** Begin with the main chassis components. Ensure proper alignment of all parts before the cement fully cures.
2. **Suspension and Wheels:** Attach the suspension arms, axles, and then the wheels/tires. Pay attention to the orientation of each wheel.
3. **Hull Construction:** Assemble the upper and lower hull sections. Integrate any interior details as indicated.
4. **Mine Plow Attachment:** Carefully assemble the surface mine plow according to the diagrams. This is a complex sub-assembly requiring precision.
5. **Turret/Weapon Station:** Construct the remote weapon station, ensuring all small parts are securely attached.
6. **External Details:** Add all external equipment, tools, antennas, and clear parts. Mask clear parts before painting.



Figure 2: An alternative view or box art representation of the Trumpeter 1/35 M1132 Stryker ESV model kit. This image provides another perspective of the model's details and overall design.

## 4. PAINTING AND DECALS

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Refer to the painting guide provided in the kit for recommended colors and camouflage patterns. Clean the model thoroughly before painting to remove any dust or grease.

- **Priming:** Apply a thin coat of primer to ensure paint adhesion and reveal any surface imperfections.
- **Base Coats:** Apply base colors in thin, even layers. Allow each coat to dry completely.
- **Detail Painting:** Paint smaller details such as tools, lights, and weapons.
- **Weathering (Optional):** Techniques like washes, dry-brushing, and pigments can enhance realism.
- **Decals:** Apply decals to a glossy surface for best results. Use decal setting solutions to help them conform to irregular surfaces. Seal decals with a clear coat.

## 5. MAINTENANCE OF THE COMPLETED MODEL

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To preserve the appearance of your finished model:

- **Dusting:** Regularly dust the model with a soft brush or compressed air to prevent accumulation.
- **Display:** Display the model in a stable, dust-free environment away from direct sunlight and extreme temperature changes to prevent fading or warping.
- **Handling:** Handle the model by its base or sturdy sections to avoid damaging delicate parts.

## 6. TROUBLESHOOTING COMMON ASSEMBLY ISSUES

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Encountering issues during assembly is common. Here are solutions to frequent problems:

- **Parts Not Fitting:** Check part numbers against the instructions. Lightly sand or trim excess plastic (flash) from mating surfaces.
- **Gaps Between Parts:** Use plastic filler putty to fill gaps, then sand smooth once dry.
- **Broken Small Parts:** Attempt to re-attach with plastic cement or super glue. For very small or lost parts, consider scratch-building a replacement if possible.
- **Decal Silvering:** Ensure the surface is glossy before applying decals. Use decal setting and softening solutions to help decals conform and eliminate air bubbles.

## 7. SPECIFICATIONS

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Specification	Detail
Model Name	M1132 Stryker Engineer Squad Vehicle (ESV) w/Surface Mine Plow
Brand	Trumpeter
Scale	1/35
Product Type	Plastic Model Kit
ASIN	B004QSY670
Approximate Weight	3.3 pounds (packaged)

## 8. WARRANTY INFORMATION

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Trumpeter model kits are manufactured to high standards. In the unlikely event of missing or defective parts, please contact your retailer or the manufacturer directly within a reasonable period of purchase. Proof of purchase may be required. This warranty typically covers manufacturing defects but does not cover damage due to improper assembly, handling, or normal wear and tear.

## 9. CUSTOMER SUPPORT

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For further assistance, questions regarding parts, or assembly tips, please refer to the contact information provided on the kit packaging or visit the official Trumpeter website. Online modeling communities and forums can also be valuable resources for advice and inspiration.