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› Italeri 3970 1:24 Volvo FH16 Medium Roof Model Kit Instruction Manual

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Model: 3970 | Brand: Italeri

1. INTRODUCTION

This instruction manual provides detailed guidance for assembling the Italeri 3970 1:24 Volvo FH16 Medium Roof plastic model kit. This kit allows enthusiasts to build a detailed replica of the Volvo FH16, a prominent commercial and industrial vehicle known for its advanced technology and efficient design. The model is manufactured in Italy, ensuring high quality and precision in its components. This kit is recommended for collectors aged 14 and above due to its complexity and skill level.

2. WHAT'S INCLUDED

The Italeri 3970 model kit contains the following components:

- Plastic model parts for assembly
- Color assembly and painting instructions
- Decal sheet for decoration

Note: Paints and liquid plastic model glue are not included in this kit and must be purchased separately. For suggested color references, please consult the profile images provided in the instructions or visit the official Italeri website.

3. ASSEMBLY INSTRUCTIONS (SETUP)

Assembling the Volvo FH16 Medium Roof model requires careful attention to detail. The skill level for this kit is rated 5 out of 5, indicating a high level of complexity suitable for experienced modelers.

3.1 General Guidelines

- **Read All Instructions:** Before beginning, carefully read through the entire instruction manual to understand all steps and identify all parts.
- **Prepare Your Workspace:** Ensure you have a clean, well-lit, and ventilated area for assembly.

- **Tools Required:** Essential tools typically include a hobby knife, plastic nippers, tweezers, sandpaper or sanding sticks, and plastic cement.
- **Painting:** It is often easier to paint certain sub-assemblies before joining them. Refer to the color instructions for specific paint codes and placement.
- **Decals:** Apply decals after painting and a clear gloss coat. Use decal setting solutions for best results.

3.2 Assembly Steps Overview

Follow the numbered steps in the included color assembly instructions. Each step will guide you through attaching specific parts. Pay close attention to part numbers and orientation.



Figure 1: The Italeri 3970 Volvo FH16 Medium Roof model kit box art, showing the completed truck model. This image provides an

overview of the final appearance of the assembled model.

Version A



Figure 2: A front-side view of the assembled Italeri 3970 Volvo FH16 Medium Roof model. This perspective highlights the detailed cabin and front grille of the truck.

Version B



Figure 3: A rear-side view of the assembled Italeri 3970 Volvo FH16 Medium Roof model. This image showcases the chassis and rear details of the truck.



Figure 4: A side view of the assembled Italeri 3970 Volvo FH16 Medium Roof model. This angle emphasizes the overall proportions and the medium roof design.

4. DISPLAY AND HANDLING (OPERATING)

Once assembled, your Italeri Volvo FH16 model is a display piece. Proper handling and display will preserve its condition.

- **Display Location:** Choose a stable, level surface away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Always handle the model by its main body or chassis. Avoid touching delicate parts like mirrors, antennas, or small details, as they can break easily.
- **Protection:** Consider displaying the model in a dust-proof display case to protect it from dust and accidental damage.

5. CARE AND CLEANING (MAINTENANCE)

Regular care will keep your model looking its best.

- **Dusting:** Use a soft, dry brush (like a makeup brush or a dedicated model dusting brush) to gently remove dust. For stubborn dust, a can of compressed air can be used, but hold it at a distance to avoid damaging decals or small parts.
- **Avoid Liquids:** Do not use water, cleaning solutions, or solvents on the model, as they can damage paint, decals, and plastic.
- **Repairs:** If a part detaches, reattach it carefully with plastic cement.

6. ASSEMBLY TIPS AND COMMON ISSUES (TROUBLESHOOTING)

Model building can present challenges. Here are some tips and solutions for common issues:

- **Part Fit Issues:** If parts do not fit perfectly, gently sand or trim excess plastic with a hobby knife. Test fit parts before applying glue.
- **Glue Application:** Use plastic cement sparingly. Too much glue can melt the plastic or leave unsightly marks. Apply a small amount to one surface and press parts together firmly.
- **Paint Adhesion:** Ensure plastic surfaces are clean and free of oils before painting. A primer coat can improve paint adhesion and provide a uniform base.
- **Decal Silvering:** If decals show a silvery film after drying, it's often due to air trapped under the decal. Apply a gloss coat before decals, use decal setting solution, and ensure the surface is smooth.
- **Lost Parts:** Work over a tray or mat to catch any small parts that might fall. If a part is lost, check the kit manufacturer's website for potential replacement parts or consider scratch-building a replacement if feasible.

7. SPECIFICATIONS

Feature	Detail
Brand	Italeri
Model Number	3970
Model Name	Volvo FH16 Medium Roof
Scale	1:24
Assembled Model Length	24.6 cm
Material	Plastic
Recommended Age	14 years and above
Skill Level (1-5)	5
Country of Manufacture	Italy
Components Included	Plastic model parts, assembly instructions, decal sheet
Paints & Glue	Not included

8. WARRANTY AND SUPPORT

As a plastic model kit, specific warranties for the assembled product are generally not provided. However, Italeri is known for its quality. If you encounter issues with missing or defective parts directly from the kit, please contact Italeri customer support.

For further assistance, suggested color references, or to explore other products, please visit the official Italeri website:
www.italeri.com

