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Italeri 3959

Italeri IT3959 MAN TGX XXL D38 1/24 Scale Plastic Model Kit Instruction Manual

Model: IT3959

1. Introduction

This manual provides detailed instructions for the assembly and finishing of the Italeri IT3959 MAN TGX XXL D38 1/24 scale plastic model kit. This kit accurately reproduces the MAN TGX D38 truck, featuring the Extra Cent Sleeper Cab (XXL model). The kit includes new details such as a radiator grille fin and an antenna part for the cab's roof, enhancing the overall reproduction.

The finished model will have a total length of approximately 10 inches (257 mm). It features a detailed cab interior, a realistic chassis frame with drive system and suspension, and mechanical reproduction of the trailer connection. New design decals are also included to further enhance the model's appearance.



Image 1.1: The product packaging for the Italeri IT3959 MAN TGX XXL D38 1/24 scale plastic model kit, showcasing the truck model on the box.

2. Safety Information

Please read all instructions carefully before beginning assembly. This product is a plastic model kit intended for adult hobbyists. It contains small parts and requires the use of sharp tools, adhesives, and paints, which can be hazardous if not handled properly.

- **Keep out of reach of children:** Small parts may pose a choking hazard.
- **Ventilation:** Use adhesives and paints in a well-ventilated area.
- **Sharp Tools:** Exercise caution when using hobby knives, cutters, and other sharp tools. Always cut away from your body.
- **Adhesive and Paint Safety:** Follow the manufacturer's safety instructions for all adhesives and paints used. Avoid contact with skin and eyes.
- **Disposal:** Dispose of waste materials, including paint and adhesive containers, according to local regulations.

3. Package Contents

The Italeri IT3959 kit includes the following components:

- Plastic parts for the MAN TGX XXL D38 truck model (molded in color).
- New additional parts for enhanced detail.
- New design decal sheet.

- Instruction manual (this document serves as a general guide; refer to the kit's specific instruction booklet for detailed part diagrams).

Note: This product does not include adhesives, paint, or tools. These must be purchased separately.

4. Tools and Materials Required

To successfully assemble and finish your model, you will need the following:

- **Plastic Cement/Adhesive:** Specifically designed for plastic models.
- **Hobby Knife or Sprue Cutters:** For detaching parts from the sprue.
- **Sandpaper or Files:** Fine-grit for cleaning mold lines and nubs.
- **Paints:** Acrylic or enamel paints suitable for plastic models (refer to Section 6 for color guide).
- **Paint Brushes:** Various sizes for detailed painting.
- **Tweezers:** For handling small parts and decals.
- **Water and Soft Cloth:** For decal application and general cleaning.
- **Cutting Mat:** To protect your work surface.

5. Assembly Instructions (Setup)

Follow the step-by-step diagrams provided in the kit's dedicated instruction booklet. The general assembly process involves:

1. **Part Preparation:** Carefully remove parts from the sprues using sprue cutters or a hobby knife. Clean any mold lines or excess plastic using sandpaper or a file.
2. **Sub-Assembly:** Assemble smaller components first, such as the engine (lower side only), interior parts (seats, dashboard), and wheel assemblies.
3. **Chassis Assembly:** Construct the chassis frame, including the front and rear suspension and couplers. Ensure all parts are aligned correctly.
4. **Cab Assembly:** Assemble the cab-over type cabin, integrating the detailed interior. Pay attention to the new radiator grille fin and roof antenna parts.
5. **Final Assembly:** Attach the cab to the chassis. Assemble and attach the wheels.
6. **Decal Application:** Once painting is complete and dry, apply the new design decals. Cut out each decal carefully, dip it in water for a few seconds, then slide it onto the model. Gently position it and blot excess water with a soft cloth.

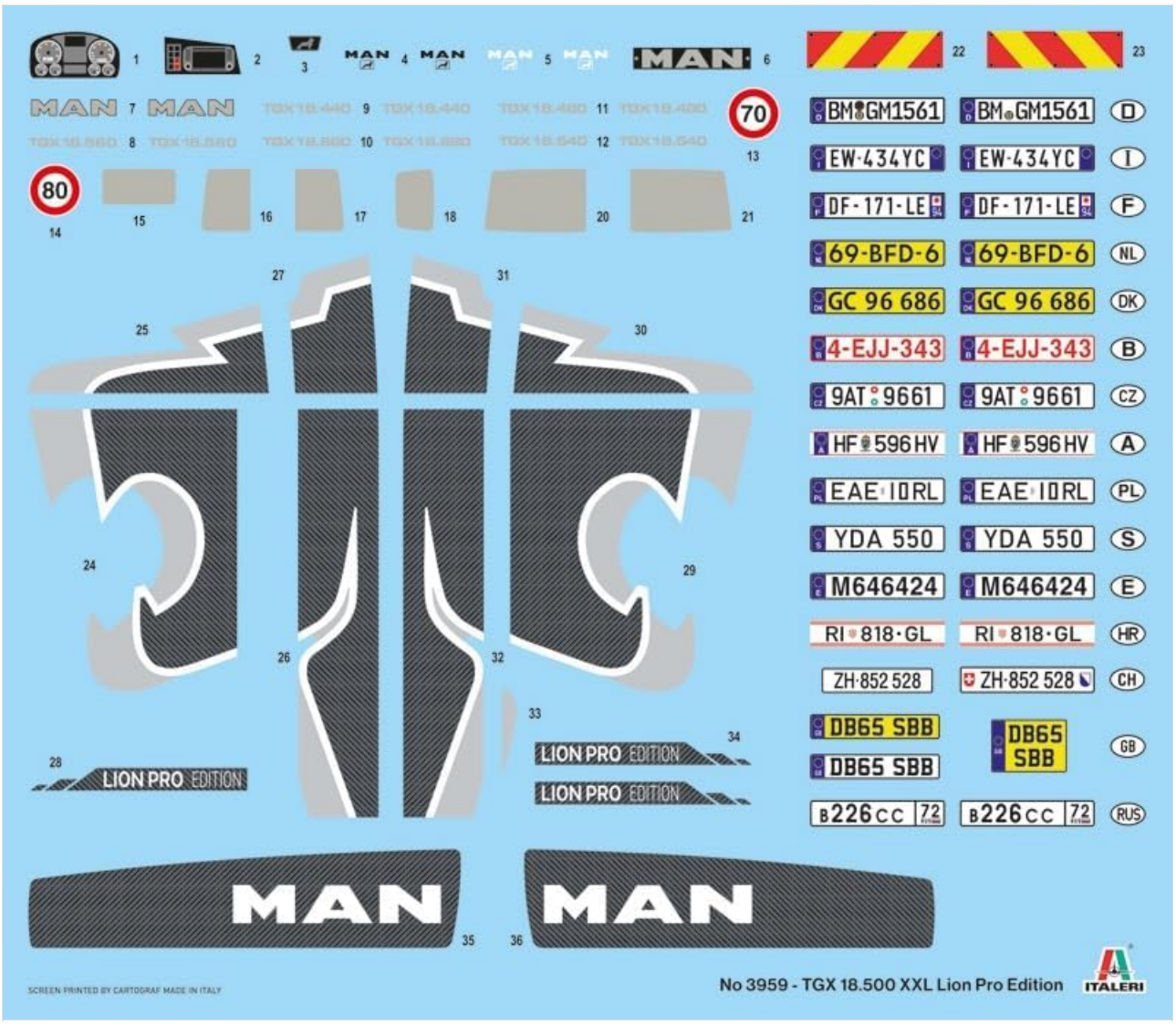


Image 5.1: The decal sheet included with the Italeri IT3959 kit, featuring various markings, logos, and license plates for customization.

6. Painting Guide (Operating)

Painting is an essential step to achieve a realistic finish. Refer to the kit's instruction booklet for specific color callouts for different parts. The primary colors for the MAN TGX XXL D38 are typically:

- **Italian Red:** For the main cab body and other red accents. (e.g., Tamiya TS-8 Red)
- **Gloss Black:** For chassis components, tires, and black details. (e.g., Tamiya TS-14 Black, Italeri 4695AP)
- **Silver:** For metallic details, wheel hubs, and some chassis parts. (e.g., Tamiya TS-30 Silver Leaf, Italeri 4678AP)

Always apply paint in thin, even coats to avoid obscuring details. Allow each coat to dry thoroughly before applying the next. Consider using a primer before painting for better paint adhesion and a smoother finish.

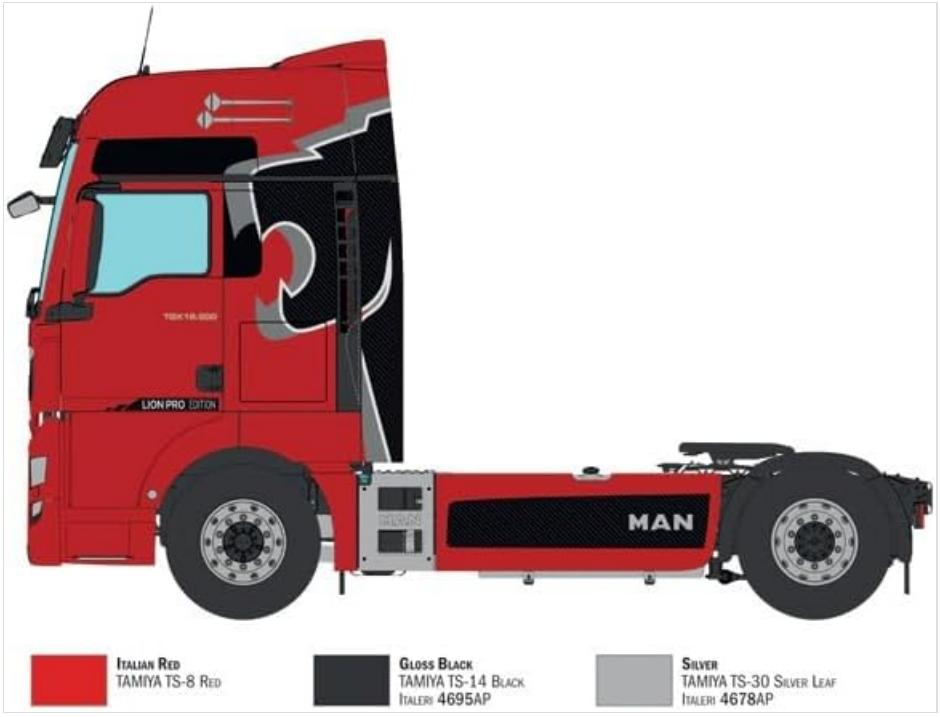


Image 6.1: A side profile illustration of the MAN TGX XXL D38 model, indicating recommended paint colors and their application areas.

7. Maintenance

Once assembled and painted, your model requires minimal maintenance to preserve its appearance:

- **Dusting:** Regularly dust your model with a soft, dry brush or a can of compressed air to prevent dust buildup.
- **Cleaning:** For stubborn dirt, gently wipe with a slightly damp cloth. Avoid harsh chemicals or abrasive cleaners, as these can damage paint and plastic.
- **Storage:** Store your model in a display case or an area away from direct sunlight, extreme temperatures, and high humidity to prevent fading, warping, or decal deterioration.
- **Handling:** Handle the model by its base or sturdy sections to avoid damaging delicate parts.

8. Troubleshooting

Here are some common issues encountered during model assembly and their solutions:

- **Parts not fitting:** Ensure all mold lines and excess plastic have been removed. Dry-fit parts before applying adhesive. If a part is slightly warped, gentle heat (e.g., from warm water) can sometimes help reshape it.
- **Adhesive issues:** Use the correct type of plastic cement. Apply sparingly to avoid melting plastic or leaving visible marks. Allow sufficient drying time.
- **Paint not adhering:** Ensure the model surface is clean and free of grease or dust. A primer coat can significantly improve paint adhesion.
- **Decals not adhering or tearing:** Ensure the surface is smooth and glossy. Use decal setting solutions to help decals conform to irregular surfaces and adhere better. Handle wet decals gently with tweezers.
- **Missing or damaged parts:** Check the kit contents against the parts list in the instruction booklet. Contact Italeri customer support if parts are genuinely missing or damaged upon opening the kit.

9. Specifications

Feature	Detail

Brand	Italeri
Model Name	MAN TGX XXL D38
Item Model Number	3959
Scale	1/24
Assembled Length	Approx. 10 inches (257 mm)
Material	Plastic
Theme	Truck
Special Features	New parts added, new decal design, high level of detail
Assembly Required	Yes
Painting Required	Yes

10. Warranty and Support

Information regarding product warranty or specific customer support contacts for the Italeri IT3959 model kit is not provided in the available product data. For any issues or inquiries, please refer to the contact information typically found on the product packaging or the official Italeri website.

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