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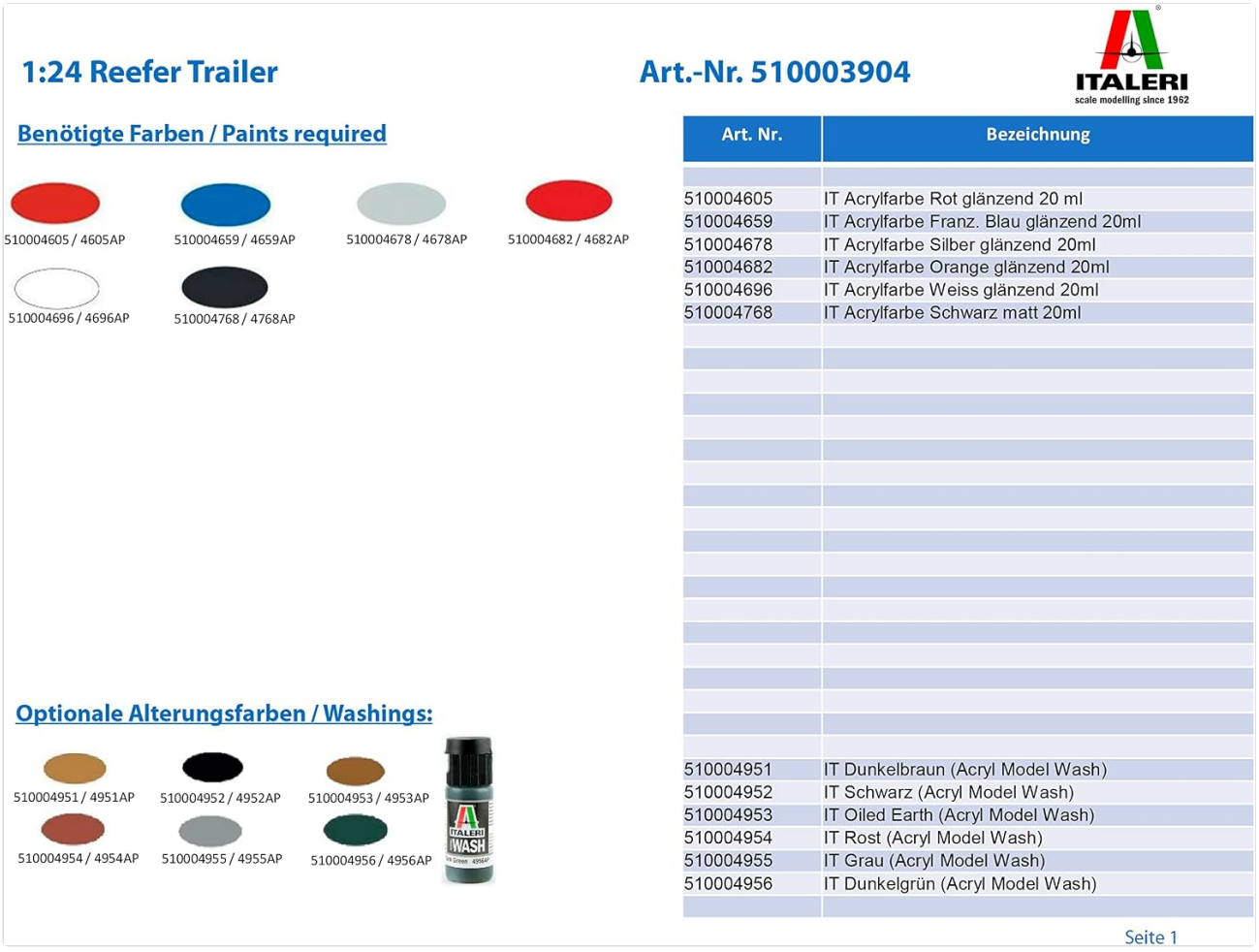
Italeri 3904S

Italeri 3904S 1/24 Reefer Trailer Model Kit Instruction Manual

1. Introduction

This manual provides instructions for the assembly of the Italeri 3904S 1/24 Reefer Trailer plastic model kit. This kit is designed for experienced modelers aged 15 years and up. It features highly detailed plastic pieces and self-stick decals for customization. The finished model will be a detailed representation of a reefer trailer.



Box art of the Italeri 1/24 Reefer Trailer model kit, showing the finished model with 'Nord Cargo' livery.



Finished Italeri 1/24 Reefer Trailer model with 'Nord Cargo' decals, parked at a loading dock.

2. Safety Information

WARNING: CHOKING HAZARD - SMALL PARTS.
This model kit contains small parts which may pose a choking hazard for children under 3 years of age. Keep all components and tools out of reach of young children. Adult supervision is recommended during assembly. Always use tools carefully to prevent injury. Ensure proper ventilation when using paints, glues, and solvents.

3. Required Tools and Materials

Successful assembly requires specific tools and materials not included in the kit. Refer to the list below and the accompanying image for recommended items.

Recommended tools for assembly.

3.1. Tools

- Hobby Knife (e.g., RMXR6909)
- Sprue Cutters (e.g., HCAR0630)
- Plastic Cement/Glue
- Tweezers
- Sanding Sticks or Fine-Grit Sandpaper
- Masking Tape

3.2. Paints and Washes

The following paints are recommended for accurate detailing. Refer to the image for specific Italeri paint codes.

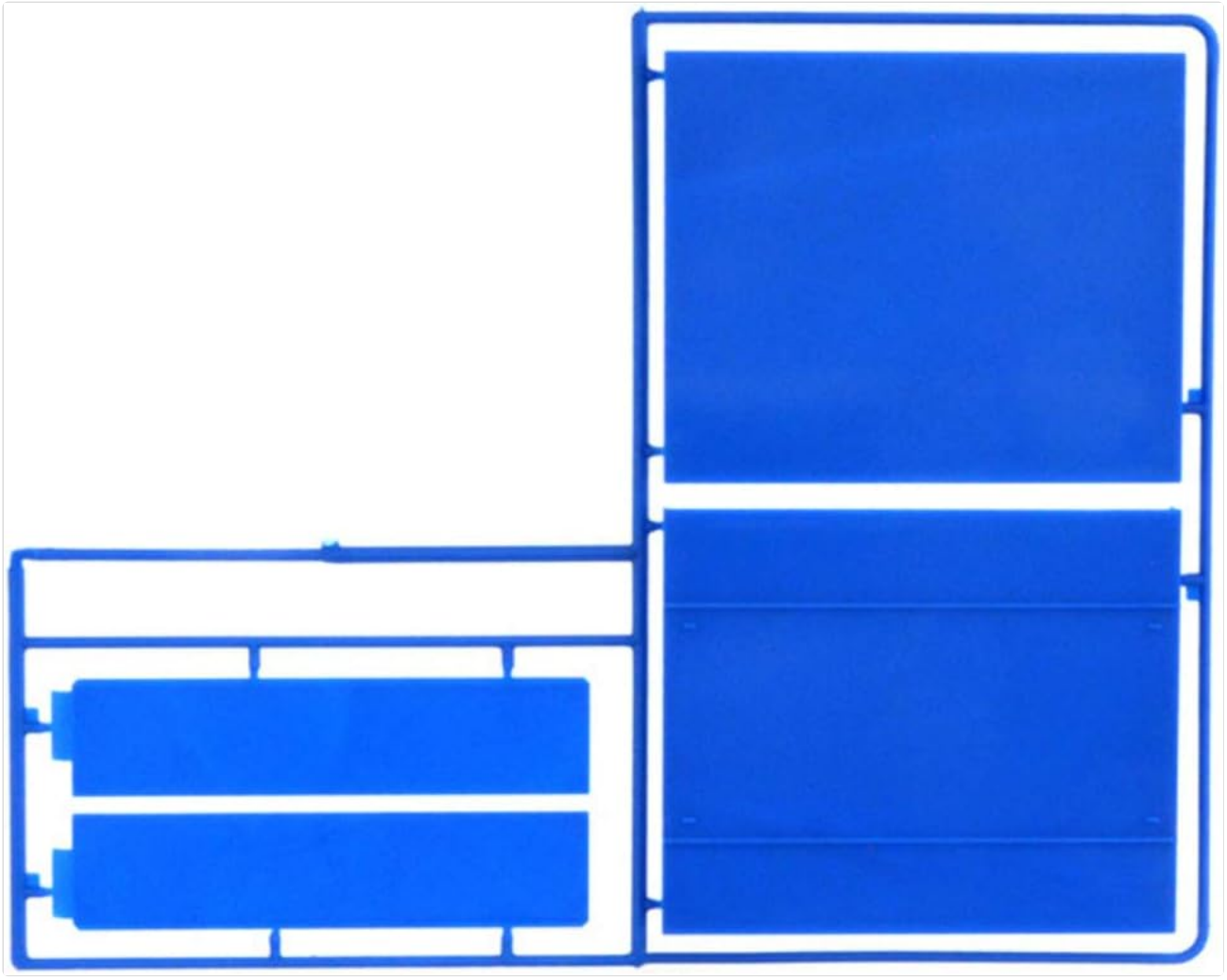
Required paints and optional weathering washes.

- Metallic Gloss Silver

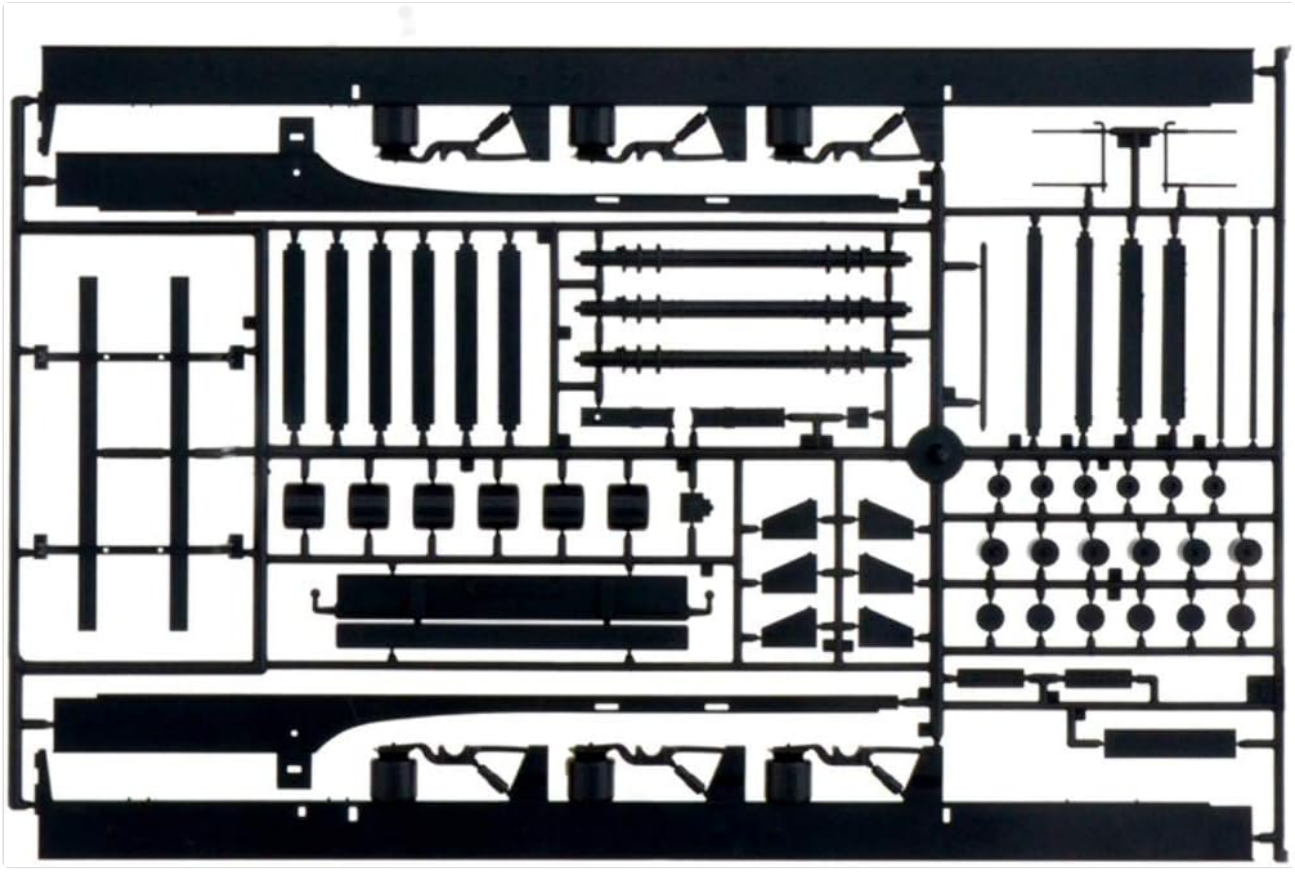
- Gloss Red
- Flat Black
- Gloss Orange
- Gloss White
- Gloss French Blue
- Optional: Acrylic Model Washes (Dark Brown, Black, Oiled Earth, Rust, Grey, Dark Green)

4. Parts Overview

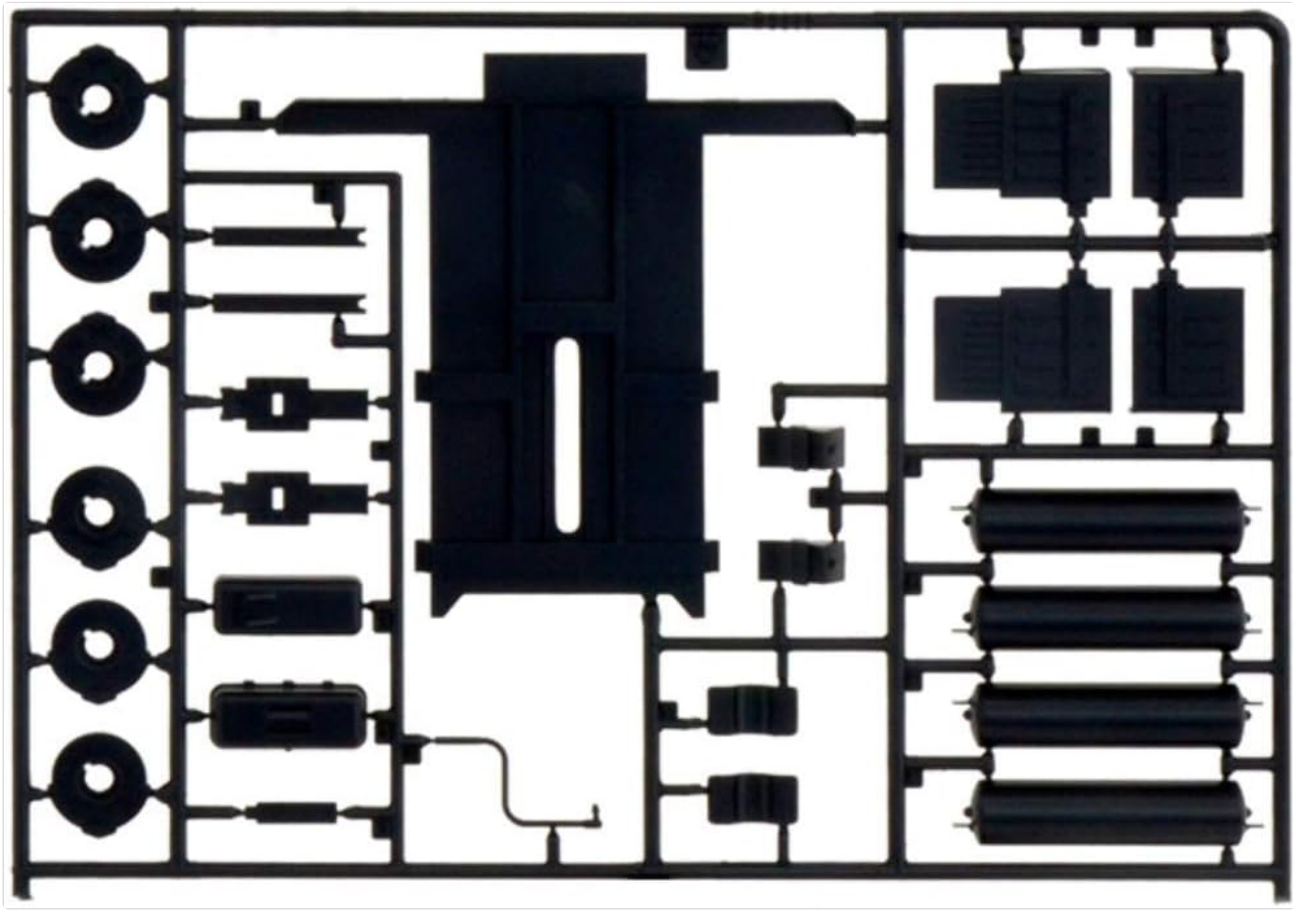
The kit includes various plastic sprues and rubber tires. Familiarize yourself with the components before beginning assembly.



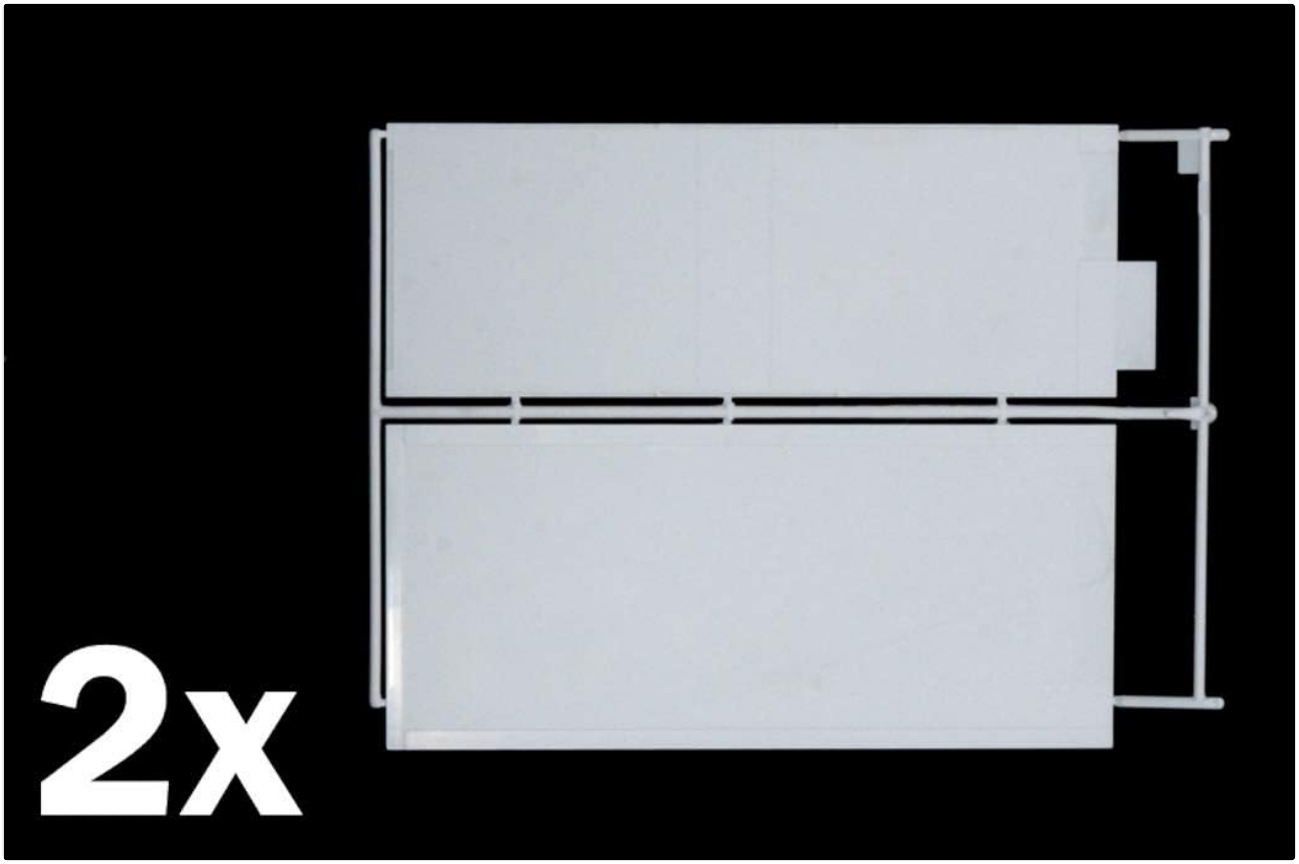
Blue plastic sprue.



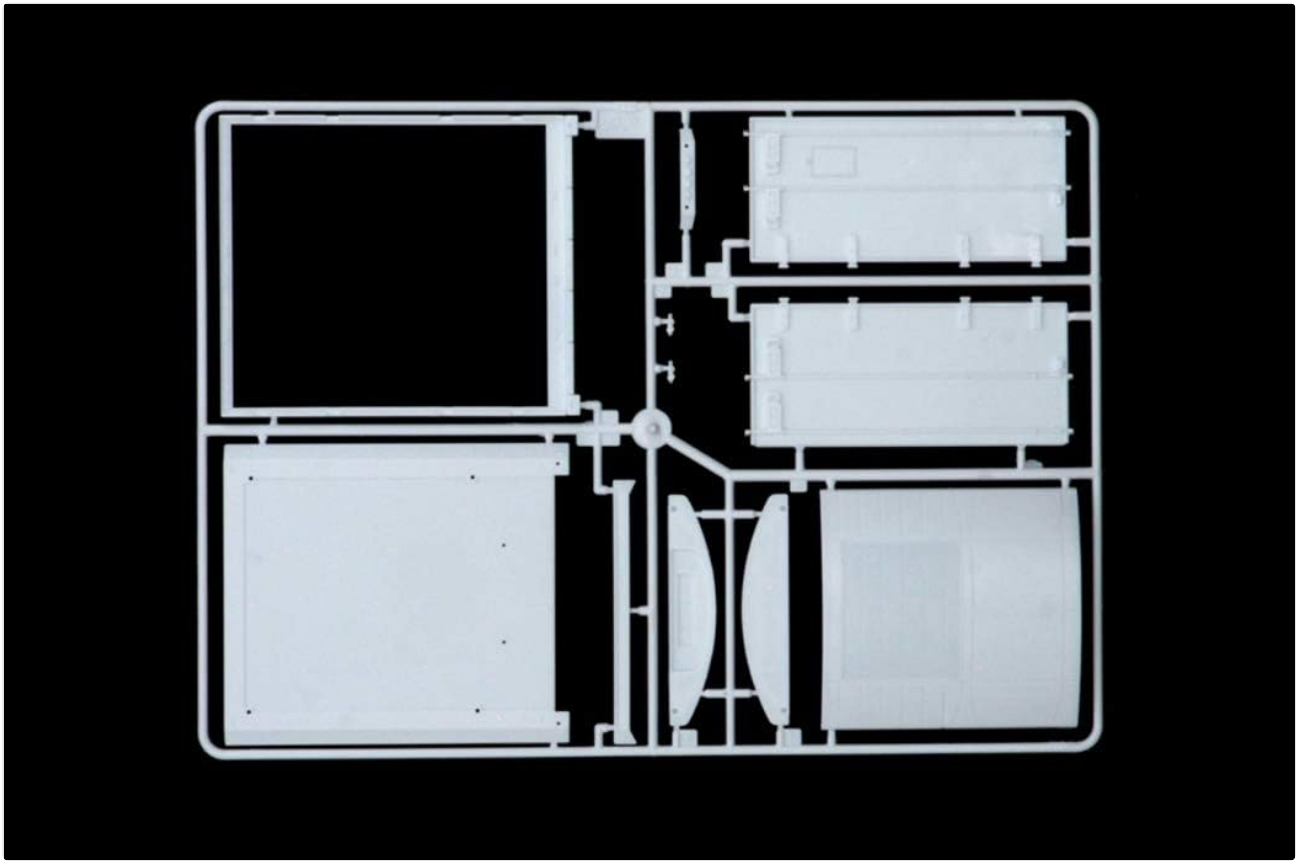
Black plastic sprue (chassis/frame).



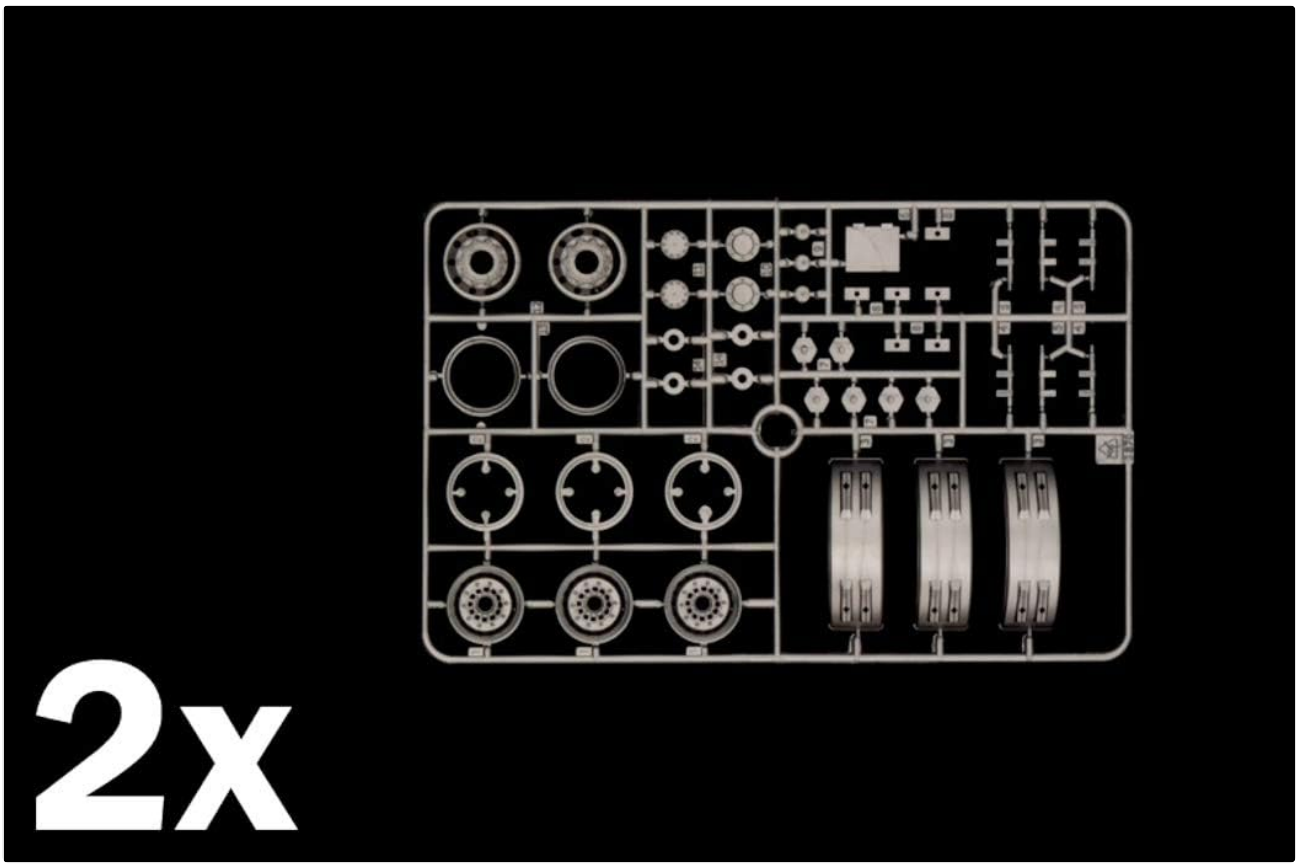
Black plastic sprue (smaller details).



White plastic sprues (2x).



White plastic sprue (panels).



Clear plastic sprues with wheel rims (2x).



Rubber tires (8x).

5. Assembly Instructions

Follow the detailed illustrations provided in the kit's original instruction booklet for step-by-step assembly. The general process involves:

1. **Part Preparation:** Carefully cut parts from the sprues using sprue cutters. Use a hobby knife to trim any excess plastic (flash) and sand smooth any rough edges.
2. **Sub-Assembly:** Assemble smaller components and sections first, such as the chassis, refrigeration unit, and wheel assemblies.
3. **Main Assembly:** Join the larger sub-assemblies to form the main structure of the trailer. Ensure parts are aligned correctly before applying plastic cement.
4. **Painting:** Apply paints as indicated in the painting guide (Section 3.2) or to your preference. It is often easier to paint certain components before final assembly.
5. **Decal Application:** Apply the self-stick decals according to the provided marking options. Ensure the surface is clean and smooth for best adhesion.
6. **Final Details:** Attach any remaining small details, such as mirrors, lights, and other exterior components.

Allow adequate drying time for glue and paint between steps.

6. Operating Instructions

This product is a static display model kit and does not have operational functions. Once assembled, it is intended for display purposes only.

7. Care and Maintenance

To maintain the appearance of your finished model:

- **Cleaning:** Dust the model regularly with a soft brush or a can of compressed air. Avoid using harsh chemicals or abrasive materials.
- **Display:** Display the model in a stable, dry environment away from direct sunlight, extreme temperatures, and high humidity to prevent fading, warping, or damage to decals.
- **Handling:** Handle the model carefully, grasping it by its sturdy parts to avoid breaking delicate components.

8. Troubleshooting

Common issues encountered during model assembly and their solutions:

- **Parts Not Fitting:** Ensure all flash (excess plastic) is removed from the parts. Dry-fit parts before applying glue. If necessary, gently sand or trim mating surfaces.
- **Poor Glue Adhesion:** Ensure surfaces are clean and free of paint or grease. Apply a small amount of plastic cement evenly. Hold parts together firmly until the glue sets.
- **Paint Issues:** Ensure surfaces are clean and primed if necessary. Apply paint in thin, even coats to avoid brush strokes or pooling. Allow each coat to dry completely before applying the next.
- **Decal Silvering:** This occurs when air is trapped under the decal. Apply a decal setting solution to help the decal conform to the surface and eliminate air bubbles.

9. Specifications

Feature	Detail
Model Number	510003904 (3904S)
Scale	1/24
Product Dimensions	58.7 x 0.1 x 0.1 inches (assembled length)
Item Weight	2.86 pounds
Manufacturer Recommended Age	15 years and up
Release Date	February 13, 2019
Manufacturer	Italeri



Model kit box with dimensions.

10. Warranty and Support

Information regarding specific warranty coverage for this model kit is not provided in the product details. For any inquiries regarding missing parts, manufacturing defects, or assembly assistance, please contact Italeri directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

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