

## FALLER FA140410

# FALLER FA140410 Achterbahn Alpina-Bahn Model Kit User Manual

Comprehensive guide for assembly, operation, and maintenance of your Alpina-Bahn model kit.

## PRODUCT OVERVIEW

The FALLER FA140410 Achterbahn Alpina-Bahn is a detailed H0 scale (1/87) model kit designed to replicate the transportable "Alpine Rail" steel coaster from the Oscar Bruch exhibitor family. This functional model captures the heartfelt alpine hut mood with its intricate fronts, decorative parts, a wooden cash house, and figures in Bavarian costume. It is an ideal addition for enthusiasts of model trains and fairground dioramas.



Image: Fully assembled Faller FA140410 Alpina-Bahn model kit, showcasing the detailed coaster structure, trains, and themed base.

The kit includes a drive motor for the lifthill and control electronics to manage train movement within the station, ensuring a dynamic and realistic operation. The overall distance length of the model is approximately 5500mm, providing a significant presence in any layout.

## PACKAGE CONTENTS

Upon opening your FALLER FA140410 Alpina-Bahn model kit, please verify that all components listed below are present and undamaged. If any parts are missing or damaged, please contact FALLER customer support.

- 708 individual pieces in 11 distinct colors
- Window film for detailed structures
- 1 drive motor for the lifthill mechanism
- Control electronics for station management
- 2 decorative elements
- 2 figures in Bavarian costume
- 1 assembly instructions manual (Note: Language may vary, English instructions are generally provided or available online.)

**Note:** Adhesives (plastic glue and superglue) are required for assembly and are not included in this kit. FALLER recommends using FALLER plastic and superglue for optimal results.

## ASSEMBLY INSTRUCTIONS

Assembling the Alpina-Bahn model kit requires patience and attention to detail. Follow the included assembly instructions carefully. Below are general guidelines and important considerations for a successful build.

### Preparation

1. **Unpack and Organize:** Carefully unpack all components. Sort pieces by color or type as indicated in the manual.
2. **Read Instructions:** Thoroughly read the entire assembly manual before beginning. Familiarize yourself with the steps and diagrams.
3. **Gather Tools:** Ensure you have appropriate plastic glue, superglue, a hobby knife, small files, and tweezers.
4. **Work Area:** Set up a clean, well-lit, and spacious work area to prevent loss of small parts.

### Assembly Steps

- **Base Construction:** Begin by assembling the base structure as per the manual. Ensure it is level and stable, as this forms the foundation for the entire coaster.
- **Track Sections:** Carefully connect the track sections. Pay close attention to alignment to ensure smooth operation of the coaster cars. Use appropriate glue sparingly to avoid excess.
- **Support Pillars:** Attach the support pillars to the base and track sections. Verify that all connections are secure and provide adequate support for the elevated track.
- **Drive Motor Installation:** Install the drive motor for the lifthill according to the diagrams. Ensure all gears and moving parts are correctly aligned and move freely.
- **Control Electronics:** Connect the control electronics for the station. Follow the wiring diagrams precisely to ensure proper functionality.
- **Decorative Elements:** Assemble and attach the decorative elements, including the fronts, cash house, and figures. These details enhance the visual appeal of the model.
- **Final Checks:** Before operating, perform a thorough visual inspection. Check all glued joints,

electrical connections, and moving parts for proper assembly and freedom of movement.

**Important:** Some parts are delicate. Handle with care to prevent breakage. Allow sufficient drying time for all glued connections before proceeding to the next step or operating the model.

## OPERATION

The FALLER Alpina-Bahn model is designed for functional operation, featuring a motorized lifthill and electronic controls for the station area. Ensure the model is fully assembled and all electrical connections are secure before attempting operation.

### Powering the Model

- Connect the power supply (not included, refer to the assembly manual for recommended power specifications) to the designated input for the drive motor and control electronics.
- Ensure the power source matches the voltage and current requirements to prevent damage to the motor or electronics.

### Starting the Coaster

- Place the coaster cars onto the track at the designated starting point, typically the station area.
- Activate the power. The drive motor will engage, pulling the coaster cars up the lifthill.
- The control electronics will manage the stopping and starting of the cars within the station, simulating realistic coaster operation.

**Note:** Observe the coaster's movement during its first few cycles to ensure smooth operation and identify any potential obstructions or misalignments. Adjust as necessary.

## MAINTENANCE

Regular maintenance will help preserve the appearance and functionality of your FALLER Alpina-Bahn model kit for years to come.

- **Cleaning:** Gently dust the model regularly using a soft brush or compressed air. For stubborn dirt, a slightly damp cloth can be used, but avoid excessive moisture, especially near electrical components.
- **Lubrication:** Periodically apply a small amount of plastic-safe lubricant to the moving parts of the drive motor and lifthill mechanism to ensure smooth operation. Refer to the motor's specific instructions if available.
- **Inspection:** Routinely inspect all glued joints, track connections, and electrical wiring for any signs of wear, damage, or loosening. Re-glue or repair as needed.
- **Storage:** When not in use, store the model in a clean, dry environment away from direct sunlight, extreme temperatures, and excessive humidity to prevent material degradation and warping.

## TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Alpina-Bahn model kit.

Problem	Possible Cause	Solution
Coaster cars do not move up the lifthill.	<ul style="list-style-type: none"> <li>No power to the motor.</li> <li>Motor or gears are jammed.</li> <li>Incorrect wiring.</li> </ul>	<ul style="list-style-type: none"> <li>Check power supply connection and ensure it's switched on.</li> <li>Inspect motor and gears for obstructions; gently clear any debris.</li> <li>Verify wiring against the assembly manual's diagrams.</li> </ul>
Coaster cars derail on the track.	<ul style="list-style-type: none"> <li>Track sections are misaligned.</li> <li>Debris on the track.</li> <li>Damaged coaster car wheels.</li> </ul>	<ul style="list-style-type: none"> <li>Carefully inspect and realign track joints.</li> <li>Clean the track thoroughly with a soft cloth.</li> <li>Inspect car wheels for damage; replace if necessary (contact manufacturer for parts).</li> </ul>
Parts do not fit together properly during assembly.	<ul style="list-style-type: none"> <li>Excess plastic flash.</li> <li>Incorrect part orientation.</li> <li>Warped parts.</li> </ul>	<ul style="list-style-type: none"> <li>Carefully trim excess plastic with a hobby knife or file.</li> <li>Double-check the assembly manual for correct part orientation.</li> <li>For minor warping, gentle heat (e.g., warm water) may help, but proceed with caution.</li> </ul>

If you encounter an issue not listed here, or if the suggested solutions do not resolve the problem, please refer to the official FALLER support resources or contact their customer service.

## TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	FA140410
Gauge	H0
Scale	1/87
Epoch	VI
Item Category	Kirmes H0 (Fairground H0)
Assembled Dimensions (L x W x H)	715 x 423 x 400 mm (28.15 x 16.65 x 15.75 inches)
Approximate Track Length	5500mm
Item Weight	8.05 pounds
Recommended Age	14 years and up
Manufacturer	Faller

Feature	Detail
Release Date	May 20, 2020
Expandable By	1 x 180653, 1 x 180677, 1 x 180629 (additional Faller accessories)

## WARRANTY AND SUPPORT

FALLER products are manufactured to high quality standards. For specific warranty information regarding your FA140410 Alpina-Bahn model kit, please refer to the documentation included in your package or visit the official FALLER website.

If you require technical assistance, have questions about missing parts, or need support with assembly or operation, please contact FALLER customer service directly. Contact information can typically be found on the manufacturer's website or within the product packaging.

When contacting support, please have your model number (FA140410) and purchase details readily available to facilitate a quicker resolution.