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Fleischmann 9170

Fleischmann 9170 N Piccolo Left Turnout Instruction Manual

Model: 9170

PRODUCT OVERVIEW

The Fleischmann 9170 N Piccolo Left Turnout is a high-quality model railway track component designed for N scale layouts. This turnout allows for the diversion of trains from a main track to a diverging track, specifically a left-hand turn. It features an embankment body, imitation wood thresholds, and is constructed from durable nickel silver alloy, eliminating the need for tedious gravel application.



Image: The Fleischmann 9170 N Piccolo Left Turnout, showing its integrated embankment body and track design. This component facilitates left-hand track changes on N scale model railway layouts.

PACKAGE CONTENTS

Upon opening the package, you should find the following item:

- 1 x Fleischmann 9170 N Piccolo Left Turnout

SETUP AND INSTALLATION

Proper installation of the turnout is crucial for smooth operation of your model railway. Follow these steps carefully:

1. **Track Preparation:** Ensure the existing track sections where the turnout will be installed are clean and free of debris. The track bed should be level and stable.

- 2. **Positioning:** Carefully align the Fleischmann 9170 N Piccolo Left Turnout with the existing track sections. The turnout is designed for a left-hand diversion.
- 3. **Connection:** Connect the turnout to the adjacent track sections using standard N scale track connectors. Ensure a secure and flush connection to prevent derailments.
- 4. **Securing:** For permanent layouts, the turnout can be secured to the baseboard using small track nails or adhesive, ensuring it remains stable during operation.
- 5. **Electrical Connection (Optional):** If using a motorized turnout mechanism (sold separately), refer to the instructions provided with the motor for electrical wiring. The 9170 turnout itself is a manual soft turnout.

OPERATING THE TURNOUT

The Fleischmann 9170 N Piccolo Left Turnout is a manual soft turnout. This means the points (the movable rails) are operated by hand or can be adapted for a separate motorized mechanism.

- **Manual Operation:** Gently push the small lever or the points themselves to switch the track direction. Ensure the points are fully seated against the stock rail before a train passes.
- **Motorized Operation (Accessory):** If you have installed a compatible turnout motor, operate it via your control panel to switch the points. Always ensure the motor fully throws the points to avoid short circuits or derailments.

Always ensure the turnout points are correctly set for the intended route of the train to prevent derailments.

MAINTENANCE

Regular maintenance will ensure the longevity and reliable operation of your Fleischmann 9170 N Piccolo Left Turnout.

- **Cleaning Rails:** Periodically clean the top surface of the rails with a track cleaning fluid and a lint-free cloth to remove dirt, dust, and oxidation. Clean points and frog areas thoroughly.
- **Point Mechanism:** Keep the movable points and their pivot points free from dust and debris. A small brush can be used for this purpose. Avoid applying lubricants that might attract dust.
- **Inspection:** Regularly inspect the turnout for any loose connections, bent rails, or damaged components. Address any issues promptly to prevent operational problems.

TROUBLESHOOTING

If you encounter issues with your turnout, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Train derails on turnout	Points not fully thrown; track misalignment; dirty rails.	Ensure points are fully seated. Check track alignment. Clean rails thoroughly.
Turnout points stiff or difficult to move	Debris in mechanism; lack of lubrication (if applicable to motor).	Clean debris from points and pivot. Do not lubricate manual points; if motorized, refer to motor instructions.
Electrical issues (if motorized)	Loose wiring; short circuit; faulty motor.	Check all wiring connections. Inspect for short circuits. Test motor separately if possible.

SPECIFICATIONS

Detailed specifications for the Fleischmann 9170 N Piccolo Left Turnout:

- **Model Number:** 9170
- **Scale:** N Scale
- **Type:** Manual Soft Turnout, Left
- **Length:** 111 mm
- **Angle:** 15°
- **Radius (Diverging Track):** 430 mm
- **Material:** Nickel Silver Alloy Rails, Imitation Wood Thresholds, Embankment Body
- **Product Dimensions:** 5.12 x 2.36 x 0.63 inches (approx. 130 x 60 x 16 mm)
- **Item Weight:** 0.32 ounces (approx. 9 grams)
- **Manufacturer Recommended Age:** 8 years and up
- **Manufacturer:** Fleischmann Modelleisenbahnen

LIMITED WARRANTY INFORMATION

Fleischmann products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official Fleischmann website. Typically, warranty covers manufacturing defects under normal use.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Fleischmann 9170 N Piccolo Left Turnout, please contact Fleischmann customer service through their official website or authorized distributors. Please have your model number (9170) ready when contacting support.