

## Piko 38912

# Piko 38912 Denver & Rio Grande Western Ore Car User Manual

Model: 38912

## 1. INTRODUCTION

This manual provides essential information for the Piko 38912 Denver & Rio Grande Western Ore Car. This model is a single-bay, open-top ore car designed for use in model railway layouts. It features a lightweight ore load and is constructed with durable, weather-resistant materials for long-term use.

Key features include molded-in details such as ladders and stirrup steps, heavy-duty plastic wheels, and hook-and-loop type couplers. The model boasts crisp and clean lettering and logo designs, accurately representing the Denver & Rio Grande Western livery.

## 2. PRODUCT OVERVIEW



Figure 1: The Piko 38912 Denver & Rio Grande Western Ore Car, showcasing its black body, orange "Rio Grande" lettering, and a simulated ore load. The car is depicted on model train tracks, highlighting its detailed construction including ladders, stirrup steps, and wheels.

The Piko 38912 is a highly detailed model of a Denver & Rio Grande Western ore car. It is designed for G-scale model railway enthusiasts and features robust construction suitable for various environments. The car comes equipped with standard hook and loop couplers for compatibility with other rolling stock.

### 3. SETUP AND INITIAL INSPECTION

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Upon unboxing your Piko 38912 Ore Car, perform the following steps:

- Carefully remove the ore car from its packaging, ensuring not to damage any delicate parts such as ladders or stirrup steps.
- Inspect the car for any visible damage that may have occurred during shipping.
- Verify that the heavy-duty plastic wheels rotate freely and are properly seated on their axles.
- Check the hook and loop type couplers for proper alignment and functionality. Ensure they can connect securely with other rolling stock.
- Place the car gently on your model railway tracks, ensuring all wheels are correctly positioned on the rails.

### 4. OPERATING INSTRUCTIONS

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The Piko 38912 Ore Car is designed for smooth operation on G-scale model railway layouts. To ensure optimal performance:

- Ensure your track system is clean and free of debris to allow for smooth rolling of the car's wheels.
- The minimum recommended radius for curves is 600mm (23.6 inches). Operating on tighter curves may cause derailment or damage to the car or track.
- Connect the ore car to a locomotive or other rolling stock using the integrated hook and loop couplers. Ensure a secure connection before operating.
- Operate your train at appropriate speeds. While the car is robust, excessive speed, especially on curves, can lead to derailment.

### 5. MAINTENANCE

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Regular maintenance will help preserve the appearance and functionality of your Piko 38912 Ore Car:

- **Cleaning:** Use a soft, dry cloth to gently wipe down the car body. For stubborn dirt, a slightly damp cloth can be used, but avoid harsh chemicals or abrasive cleaners.
- **Wheel Inspection:** Periodically check the wheels for any accumulation of dust, lint, or debris. Clean them as needed to ensure smooth rolling.
- **Coupler Check:** Ensure the hook and loop couplers remain clean and functional. If they become stiff, a small amount of dry lubricant (e.g., graphite powder) can be applied, but avoid liquid lubricants.
- **Storage:** When not in use, store the ore car in its original packaging or a protective container to prevent dust accumulation and accidental damage. Store in a cool, dry place away from direct sunlight.

### 6. TROUBLESHOOTING

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This section addresses common issues you might encounter:

- **Derailment:**
  - Check if the track is clean and properly assembled.

- Ensure the car is not exceeding the recommended minimum curve radius (600mm / 23.6").
- Verify that all wheels are correctly seated on the rails and rotate freely.
- Reduce train speed, especially on curves or uneven track sections.

- **Difficulty Coupling:**

- Ensure couplers are clean and free of debris.
- Check for any bent or misaligned coupler parts.

- **Stiff Wheels:**

- Inspect wheels and axles for any obstructions or debris. Clean as necessary.
- Ensure axles are properly seated in their bearings.

## 7. SPECIFICATIONS

Attribute	Value
Model Number	38912
Brand	Piko
Item Weight	1.1 pounds
Length	210mm / 8.3 inches
Minimum Recommended Radius	600mm / 23.6 inches
Material	Tough weather-resistant plastic
Coupler Type	Hook and loop
Manufacturer Recommended Age	14 years and up
Made In	Germany

## 8. SAFETY INFORMATION

### WARNING: CHOKING HAZARD - SMALL PARTS! NOT INTENDED FOR CHILDREN UNDER 3.

This product contains small parts which may pose a choking hazard. Keep out of reach of children under 3 years of age. Adult supervision is recommended during assembly and operation, especially for users under the manufacturer's recommended age of 14 years.

## 9. WARRANTY AND SUPPORT

Specific warranty details for the Piko 38912 Ore Car are not provided in this document. For information regarding product warranty, technical support, or replacement parts, please contact Piko directly through their official website or authorized distributors.

Manufacturer: PIKO



