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TAKARA TOMY 214366

TAKARA TOMY PLARAIL E5 Series Shinkansen Hayabusa Entry Set

Instruction Manual - Model 214366

1. Introduction

Welcome to the TAKARA TOMY PLARAIL E5 Series Shinkansen Hayabusa Entry Set. This set provides an engaging experience for children aged 3 and up, allowing them to build and operate their own train system. Please read this manual carefully before use to ensure safe and correct operation.

Safety Information: This product contains small parts and is not suitable for children under 3 years of age. Adult supervision is recommended during assembly and play. Ensure batteries are inserted correctly and disposed of responsibly. Do not mix old and new batteries, or different types of batteries.

2. Package Contents

The TAKARA TOMY PLARAIL E5 Series Shinkansen Hayabusa Entry Set includes the following components:

- E5 Series Shinkansen Hayabusa Train (3-car formation)
- Curved Rails
- Straight Rails
- Turnout Rail
- Station Platform

Note: The exact number of rails and other accessories may vary slightly. Please refer to the product packaging for a complete list.



Image 1: Overview of the Plarail E5 Series Shinkansen Hayabusa Entry Set packaging and included items.

3. Setup

3.1 Battery Installation

1. Locate the battery compartment on the underside of the train's lead car.
2. Using a small Phillips head screwdriver, carefully open the battery compartment cover.
3. Insert one AA battery (not included), ensuring the correct polarity (+/-) as indicated inside the compartment.
4. Replace the cover and secure it with the screw. Do not overtighten.

3.2 Track Assembly

1. Connect the straight and curved rail pieces by aligning the connectors and pushing them firmly together until they click into place.
2. Create your desired track layout. Ensure all connections are secure and the track lies flat on a stable surface to prevent the train from derailing.
3. Integrate the turnout rail into your layout to allow for track switching.
4. Place the station platform along a straight section of track where you wish the train to stop.



Image 2: A turnout rail demonstrating how track pieces connect and the mechanism for switching directions.

3.3 Train Placement

1. Carefully place the E5 Series Shinkansen Hayabusa train onto the assembled track, ensuring all wheels are properly seated on the rails.
2. Connect the three train cars by gently pushing their coupling mechanisms together.



Image 3: The E5 Series Shinkansen Hayabusa train positioned correctly on the Plarail track.

4. Operating Instructions

4.1 Starting the Train

1. Locate the ON/OFF switch on the top or side of the train's lead car.
2. Slide the switch to the "ON" position. The train will begin to move along the track.

4.2 Using the Station Stop/Start Lever

1. When the train approaches the station platform, it will automatically stop if the station lever is in the "STOP" position.
2. To restart the train from the station, move the station lever to the "GO" position.



Image 4: The train at the station, illustrating the stop/start lever mechanism.

4.3 Operating the Turnout Rail

1. The turnout rail allows you to change the train's direction on the track.
2. Manually slide the yellow lever on the turnout rail to switch the track path. Ensure the lever is fully engaged in one direction before the train passes over it.

4.4 Stopping the Train

1. To stop the train, slide the ON/OFF switch on the train's lead car to the "OFF" position.

5. Maintenance

5.1 Cleaning

Wipe the train and track components with a soft, dry cloth. Do not use harsh chemicals, solvents, or abrasive cleaners, as these may damage the plastic. Keep the wheels and track surfaces free of dust and debris for optimal performance.

5.2 Battery Replacement

When the train's speed decreases significantly or it stops moving, it is time to replace the battery. Follow the battery installation steps in Section 3.1. Always use a fresh, high-quality AA battery.

5.3 Storage

Store the set in a cool, dry place away from direct sunlight when not in use. Disassemble the track and store components neatly to prevent damage. Remove batteries from the train if storing for extended periods to prevent leakage.

6. Troubleshooting

6.1 Train does not move

- Check if the ON/OFF switch on the train is in the "ON" position.
- Verify that the battery is inserted correctly with the proper polarity (+/-).
- Replace the battery with a fresh one.
- Ensure the train's wheels are clean and free of debris.

6.2 Train derails frequently

- Check all track connections to ensure they are securely fastened.
- Ensure the track is laid on a flat, stable surface without bumps or unevenness.
- Verify that the turnout rail lever is fully engaged in the desired direction before the train passes.
- Ensure the train cars are properly coupled.

6.3 Train stops at the station but does not restart

- Ensure the station lever is moved to the "GO" position.
- Check for any obstructions around the station mechanism or the train's underside.

7. Specifications

Model Number	214366
Brand	TAKARA TOMY
Product Name	PLARAIL E5 Series Shinkansen Hayabusa Entry Set
Material	Plastic
Power Source	Battery Powered (1 x AA battery, not included)
Age Recommendation	3 years and up
Included Components	Train (3-car), Curved Rails, Straight Rails, Turnout Rail, Station Platform
Item Weight	0.57 Kilograms (approx.)
Package Dimensions	7.87 x 7.48 x 3.74 inches (200 x 190 x 95 mm)
Control Method	Manual/Touch

8. Warranty and Support

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms, claims, or technical support, please refer to the contact information provided on the product packaging or visit the official TAKARA TOMY website. Please retain your purchase receipt as proof of purchase.

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