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› Marble Genius Marble Rails Starter Set (200 Piece) Instruction Manual

Marble Genius MG_RAILS_200

Marble Genius Marble Rails Starter Set

MODEL: MG_RAILS_200 (200 PIECE)

1. Introduction

The Marble Genius Marble Rails Starter Set provides an engaging and educational experience for building intricate marble runs. This 200-piece set encourages creativity, problem-solving, and an understanding of basic engineering principles through hands-on construction. Designed for ages 8 and up, it offers a stable and versatile platform for creating unique marble mazes and race tracks.

2. Components (What's in the Box)

Your Marble Genius Marble Rails Starter Set includes the following items:

- 200 Pieces (including over 80 rail building pieces and 20 bases)
- 22 Action Pieces (4 different types)
- 30 Standard-sized Glass Marbles
- Full-Color Instruction Booklet
- App Access Included (for interactive instructions and building challenges)

STARTER SET INCLUDES EVERYTHING YOU NEED

- 170 buildable pieces
- 4 types of action pieces
- 30 glass marbles
- and more!

**170
buildable
pieces**

**Paper grid layouts help
you get started!**



Figure 2.1: Overview of included components.

4 DIFFERENT TYPES of **ACTION PIECES**



Figure 2.2: Detailed view of the four types of action pieces.

3. Assembly Instructions

Follow these instructions to assemble your Marble Genius Marble Rails Starter Set. For detailed, step-by-step visual guidance, refer to the official app or the dedicated assembly video.

3.1 General Assembly Tips

- Ensure all connectors fit snugly to create a stable structure.
- Begin by laying out your desired base structure on a flat, stable surface.
- Attach all connectors to ramps and receivers first before connecting them to the main pillars.
- The pieces are designed to snap together easily, allowing for frequent rebuilding and design changes.

3.2 Step-by-Step Assembly Video

This video provides a comprehensive guide to assembling the Marble Genius Marble Rails Starter Set, demonstrating how to connect various pieces to build a functional marble run.

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Video 3.1: Detailed assembly guide for the Marble Genius Marble Rails Starter Set.

3.3 Overview of the Rails System

This video provides an overview of the Marble Genius Rails system, showcasing its unique design and how marbles navigate the tracks.

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Video 3.2: Introduction to the Marble Genius Rails system.



Figure 3.1: The Marbles Railway system in action.

4. Operating Instructions

Once your Marble Rails set is assembled, operating it is simple:

1. **Place Marbles:** Carefully place the included glass marbles at the designated starting points or entry funnels of your marble run.
2. **Observe Flow:** Watch as the marbles travel through the rails, action pieces, and various tracks.
3. **Experiment:** Try different starting points or multiple marbles to observe varied outcomes.

5. Maintenance

To ensure the longevity and optimal performance of your Marble Genius Marble Rails Starter Set, follow these maintenance guidelines:

- **Cleaning:** Wipe down plastic components with a soft, damp cloth. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store all pieces in a dry, cool place away from direct sunlight to prevent material degradation. Disassemble the set for compact storage if desired.
- **Inspection:** Periodically check all pieces for any signs of wear or damage. Replace any broken components to maintain structural integrity and safe operation.

6. Troubleshooting

If you encounter any issues with your Marble Genius Marble Rails Starter Set, consider the following:

- **Marbles Getting Stuck:** Check for any misaligned track pieces or blockages. Ensure all connections are secure and smooth.
- **Unstable Structure:** Verify that all base pieces are firmly placed on a flat surface and that pillars are securely connected. Ensure all rail connectors are fully engaged. If the structure feels flimsy, consider reinforcing the base or adjusting the design for better balance.
- **Missing Pieces:** Refer to the components list in Section 2. If any pieces are missing upon opening, contact customer support.

7. Specifications

Feature	Detail
Brand Name	Marble Genius
Model Number	MG_RAILS_200
Set Name	Rails Set - 200pcs
Material Type	Plastic
Item Dimensions (L x W x H)	13 x 4.5 x 12 inches
Unit Count	1.0 Count
Educational Objective	Engineering/STEM

Manufacturer Minimum Age	96 months (8 years)
UPC	857262006734

8. Warranty and Support

For additional support, interactive building challenges, and new build ideas, download the free Marble Genius App. All Marble Genius sets and accessories are designed for compatibility, offering endless expansion possibilities.

An advertisement for the Marble Genius App. The background is a close-up of two children's heads and hands looking at a tablet on a light-colored carpet. The tablet displays a 3D digital marble run game with green tracks and black marbles. Above the tablet, the text 'DOWNLOAD THE FREE MARBLE GENIUS APP' is written in large, bold, purple letters. Below this, a blue rounded rectangle contains the text 'FOR MORE BUILDS & CHALLENGES' in white. At the bottom, there are two black buttons: one with the Apple logo and 'Available on the App Store', and another with the Google Play logo and 'GET IT ON Google Play'. To the right of the text, there are several colorful, swirling lines in purple, green, yellow, and red.

Figure 8.1: Download the free Marble Genius App for more content.



ALL SETS AND ACCESSORIES

are compatible with each other



Figure 8.2: Compatibility across all Marble Genius sets.

For specific warranty information or further assistance, please refer to the contact details provided in the product packaging or visit the official Marble Genius website.

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Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question