

Goliath 80852

Goliath Domino Rally Racing Instruction Manual

Model: 80852

1. INTRODUCTION

The Goliath Domino Rally Racing set provides an engaging activity for creating intricate domino courses and racing events. This set combines the classic domino chain reaction with dynamic racing elements, encouraging creative construction and observation of physical principles.

The set includes components for building a course where two cars can race through a "Ring of Fire" after a domino chain reaction is initiated. It is designed for users aged 6 and up.

2. SAFETY INFORMATION

WARNING: CHOKING HAZARD

- Small parts.
- Not for children under 3 years.

Please ensure all small components are kept away from young children to prevent accidental ingestion.

3. PACKAGE CONTENTS

Verify that all the following components are present in your Domino Rally Racing set:

- 100 multi-colored dominoes
- 50 specially-crafted speed dominoes
- 2 loop-the-loops
- 2 domino race cars
- 1 Ring of Fire obstacle
- Custom domino tracks
- 1 tall launching bridge



Figure 1: The product packaging for Goliath Domino Rally Racing, displaying the various components including dominoes, loop-the-loops, race cars, the Ring of Fire, and a launching bridge, arranged in an example course.

4. SETUP INSTRUCTIONS

1. **Prepare a Flat Surface:** Choose a stable, flat surface for setting up your domino course. This ensures dominoes stand securely and fall consistently.
2. **Arrange Dominoes:** Place the 100 multi-colored dominoes and 50 speed dominoes in desired patterns to create a chain reaction path. Ensure sufficient spacing between dominoes for a smooth fall. The speed dominoes are designed for faster reactions.
3. **Assemble Loop-the-Loops:** Connect the two loop-the-loops according to the visual guides on the components. Position them along the domino path where cars are intended to pass through.
4. **Set Up the Ring of Fire:** Place the Ring of Fire obstacle at a strategic point on the course. This is typically where the race cars will attempt to pass through.
5. **Position Custom Domino Tracks:** Utilize the custom domino tracks to guide dominoes around corners or over obstacles, enhancing the complexity of your course.
6. **Install the Launching Bridge:** Assemble the tall launching bridge and place it at the beginning or a key transition point of your course. This bridge can be used to elevate the starting point or create a drop for dominoes.
7. **Place Race Cars:** Position the two domino race cars at the designated starting points or activation points within your course, typically after a domino trigger mechanism.

8. **Test Small Sections:** Before initiating the entire course, test smaller segments to ensure all dominoes and obstacles are correctly aligned and function as intended.

5. OPERATING INSTRUCTIONS

1. **Initiate the Chain Reaction:** Gently push the first domino in your carefully constructed course to begin the chain reaction.
2. **Observe Domino Flow:** Watch as the dominoes fall, triggering various mechanisms and guiding the race cars.
3. **Race Car Activation:** The falling dominoes will activate the race cars, propelling them along the tracks and through obstacles like the loop-the-loops and the Ring of Fire.
4. **Determine the Winner:** The objective is for the cars to race through the Ring of Fire. The first car to successfully pass through is the winner.
5. **Experiment and Rebuild:** After each run, reset the dominoes and components. Experiment with different layouts and obstacle placements to create new and exciting racing challenges.

6. MAINTENANCE

- **Cleaning:** Wipe all plastic components with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store all components in their original packaging or a suitable container to prevent loss and damage. Keep the set in a cool, dry place away from direct sunlight.
- **Inspection:** Periodically inspect all parts for wear or damage. Discontinue use if any components are broken or compromised.

7. TROUBLESHOOTING

- **Dominoes Fall Prematurely:**
 - Ensure the setup surface is completely flat and stable.
 - Check spacing between dominoes; they should be close enough to trigger the next, but not so close that they are unstable.
 - Avoid vibrations or sudden movements during setup.
- **Cars Do Not Complete Loops or Obstacles:**
 - Verify that the car launching mechanism (if applicable) is correctly aligned and has sufficient force.
 - Ensure tracks leading to obstacles are clear and free of obstructions.
 - Check for any misaligned track pieces that might impede car movement.
- **Inconsistent Domino Chain Reaction:**
 - Re-examine the alignment of each domino. Slight angles can disrupt the chain.
 - Ensure no foreign objects are interfering with the domino path.
 - Consider using speed dominoes in sections where a more reliable or faster reaction is desired.

8. SPECIFICATIONS

Model Number	80852
Brand	Goliath

Product Dimensions	15 x 3.4 x 11.3 inches
Item Weight	2.25 pounds
Recommended Age	6 years and up
Manufacturer	Goliath Games USA
Release Date	March 16, 2018

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or product support, please contact Goliath Games USA directly. Details are typically available on their official website or through the retailer where the product was purchased.

Manufacturer: Goliath Games USA

For further assistance, please visit the [Goliath Store on Amazon](#).

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