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Carrera 20062476

Carrera Go 62476 Disney Pixar Cars Speed Challenge Electric Slot Car Racing Track Set

MODEL: 20062476

IMPORTANT SAFETY INFORMATION

Caution: Electric Toy - Not recommended for children under 8 years of age. As with all electric products, precautions should be observed during handling and use to prevent electric shock. Adult supervision is recommended during assembly and play.

PRODUCT OVERVIEW

The Carrera GO!!! Disney Pixar Cars Speed Challenge Slot Car Racetrack offers an exciting head-to-head racing experience with Lightning McQueen and Jackson Storm. This 1:43 scale electric slot car system features over 16 feet of track, including a loop, straightaways, and curves, designed for thrilling action. The set is expandable with additional track pieces and cars (sold separately) for customized racing layouts.

Package Contents

- 1 x Connecting Section
- 2 x Speed Controllers
- Straight Track Sections (3.94" and 4.49")
- 1/90 Curve Track Sections
- Standard Straight Track Sections
- 1 x Looping Set
- 1 x Transformer (Power Supply)
- 1 x Instruction Sheet
- 1 x Lightning McQueen 1:43 Scale Car
- 1 x Jackson Storm 1:43 Scale Car
- Guardrails and Supports



Figure 1: The Carrera Go Disney Pixar Cars Speed Challenge Electric Slot Car Racing Track Set as packaged.

SETUP INSTRUCTIONS

Track Assembly

1. Carefully unpack all components from the box.
2. Refer to the included instruction sheet for the recommended track layout. Connect the track pieces by aligning the connectors and pressing them firmly together until they click. Ensure all connections are secure to maintain electrical continuity.
3. Assemble the looping set, supports, and guardrails as indicated in the instruction manual. These elements enhance the racing experience and prevent cars from derailing in high-speed sections.
4. Place the connecting section, which includes the power input and controller ports, at the designated start/finish line position.



Figure 2: An example of the fully assembled Carrera Go Disney Pixar Cars Speed Challenge track, featuring a loop and various curves and straights.

Car Preparation

1. Ensure the 1:43 scale Lightning McQueen and Jackson Storm cars are clean and free of debris. Check the contact brushes on the underside of each car to ensure they are properly positioned and making good contact.
2. Carefully place each car onto its respective track slot. The guide pin on the bottom of the car should fit snugly into the track groove.





Figure 3: The Lightning McQueen (left) and Jackson Storm (right) 1:43 scale slot cars included in the set.

Controller and Power Connection

1. Connect the two speed controllers to the designated ports on the connecting track section.
2. Plug the transformer into the power input on the connecting track section.
3. Plug the transformer into a standard electrical outlet. The track is now ready for operation.



Figure 4: The two speed controllers used to operate the slot cars.

OPERATING INSTRUCTIONS

Starting a Race

- Each player controls one car using a speed controller. Gently press the trigger on your controller to accelerate your car.
- The controllers feature a 'turbo boost' button. Pressing this button provides a temporary burst of

speed, useful for overtaking or navigating loops, but be cautious as excessive speed can cause cars to derail.

- Practice controlling your car's speed to master the curves and straights without derailing.

Lap Counter Usage

The track set includes a lap counter to keep track of each car's progress. As a car completes a lap and passes over the designated section, the lap counter will register it. This allows for competitive racing to see who can complete a set number of laps first.


Video 1: A demonstration of a Carrera GO track in action, showcasing cars racing and navigating track features. While this video features NASCAR cars, the operational principles are similar to the Disney Pixar Cars set.

MAINTENANCE

- **Track Cleaning:** Regularly wipe down the track rails with a clean, lint-free cloth to remove dust and dirt. This ensures optimal electrical contact for the cars.
- **Car Maintenance:** Periodically check the contact brushes on the underside of the cars. If they become worn or bent, gently adjust them or replace them with new ones (replacement brushes sold separately). Keep the car wheels clean.
- **Storage:** When not in use, disassemble the track and store all components in their original packaging or a suitable container to prevent damage and loss of parts. Refer to the instruction booklet for proper disassembly and storage guidance.

TROUBLESHOOTING

- **Cars not moving:**

- Check if the transformer is securely plugged into both the track and the wall outlet.
- Ensure the speed controllers are firmly connected to the track.
- Verify that all track pieces are properly connected and making good electrical contact.
- Inspect the car's contact brushes and guide pin for proper placement and condition.

- **Cars frequently derailing:**

- Reduce speed, especially when entering curves or the loop. The turbo boost feature should be used judiciously.
- Ensure all track pieces are flat and securely connected, with no gaps or uneven surfaces.
- Check that guardrails are correctly installed in high-speed or curved sections.

- **Lap counter not registering:**

- Ensure the lap counter mechanism is clear of obstructions.
- Verify that the cars are passing directly over the sensor.

SPECIFICATIONS

- **Product Dimensions:** 22.8 x 15.74 x 3.94 inches
- **Item Weight:** 6.18 pounds

- **Item Model Number:** 20062476
- **Manufacturer Recommended Age:** 8 years and up
- **Scale:** 1:43
- **Track Length:** Over 16 feet

WARRANTY INFORMATION

For detailed warranty information, please refer to the warranty card included in your product packaging or visit the official Carrera website. Keep your proof of purchase for any warranty claims.

SUPPORT

Should you require further assistance, have questions about assembly, operation, or need to order replacement parts, please contact Carrera customer support. Contact details can typically be found on the product packaging or the official Carrera website: www.carrera-toys.com