

Carrera 20064218

Carrera Sonic Speed Star 20064218 Slot Car Instruction Manual

Model: 20064218

1. INTRODUCTION

The Carrera Sonic Speed Star 20064218 is a highly detailed 1:43 scale slot car featuring the iconic Sonic the Hedgehog character. This vehicle is designed for use on Carrera GO!! race tracks, offering an exciting racing experience. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Sonic Speed Star slot car.



Image 1.1: The Carrera Sonic Speed Star 20064218 slot car, ready for racing on a track.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the Carrera Sonic Speed Star slot car.

- **Recommended Age:** This product is suitable for users aged 6 years and up.
- **Adult Supervision:** Adult supervision is recommended, especially for younger users, due to small parts that could pose a choking hazard.
- **Electrical Components:** The slot car operates on an electrical track system. Ensure all connections are secure and avoid contact with water or other liquids.
- **Moving Parts:** Keep fingers, hair, and loose clothing away from the wheels and guide keel during operation to prevent injury.
- **Cleaning:** Only clean the slot car with a dry cloth. Do not use harsh chemicals or abrasive materials.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged.

- 1x Carrera Sonic Speed Star 20064218 Slot Car (1:43 scale)

Note: Race track, controllers, and power supply are sold separately as part of Carrera GO!! sets. This product is an individual vehicle.

4. SETUP

To prepare your Sonic Speed Star for racing, follow these steps:

1. **Track Compatibility:** Ensure you are using a compatible Carrera GO!! race track system.
2. **Inspect Vehicle:** Before placing the car on the track, visually inspect the guide keel and contact brushes (pick-up braids) located on the underside of the car. Ensure they are clean, straight, and make good contact.
3. **Placement on Track:** Carefully place the slot car onto the track so that the guide keel fits into the track slot and the contact brushes rest flat on the track's power rails.
4. **Power On:** Once the car is correctly positioned, ensure the track's power supply is connected and switched on.



Image 4.1: Underside of the Sonic Speed Star, highlighting the guide keel and contact brushes for track engagement.

5. OPERATING INSTRUCTIONS

Operating your Carrera Sonic Speed Star is straightforward.

1. **Controller Use:** Use the hand controller (part of your Carrera GO!! set) to regulate the speed of the slot car. Gently press the trigger to accelerate.
2. **Driving Technique:** Practice controlling the speed to navigate turns without derailing. Excessive speed in corners will cause the car to leave the track.
3. **Race Start:** Place the car at the starting line. When ready, apply power via the controller to begin racing.
4. **Stopping:** Release the controller trigger to slow down or stop the car.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your slot car.

- **Cleaning the Car:**
 - Use a soft, dry cloth to wipe the car body and wheels.
 - Remove any dust or debris from the guide keel and contact brushes.
- **Contact Brushes (Pick-up Braids):**
 - Periodically check the contact brushes for wear. If they appear frayed or excessively worn, they may need replacement.
 - Ensure the brushes are fanned out slightly to make good contact with the track rails.
- **Guide Keel:**
 - Inspect the guide keel for damage or excessive wear. A damaged guide keel can cause the car to derail frequently.
- **Axles and Wheels:**
 - Ensure wheels spin freely and are free of hair or debris.

7. TROUBLESHOOTING

If you encounter issues with your Sonic Speed Star, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Car does not move or moves intermittently.	<ul style="list-style-type: none">◦ Poor contact with track rails.◦ Dirty contact brushes or track.◦ Damaged guide keel.◦ Track power issue.	<ul style="list-style-type: none">◦ Ensure contact brushes are fanned out and making good contact.◦ Clean contact brushes and track rails with a dry cloth.◦ Inspect and replace guide keel if damaged.◦ Check track connections and power supply.
Car frequently derails.	<ul style="list-style-type: none">◦ Excessive speed in corners.◦ Worn or bent guide keel.◦ Track sections not properly connected.	<ul style="list-style-type: none">◦ Reduce speed when entering turns.◦ Inspect and replace guide keel if damaged.◦ Ensure all track sections are securely joined.

Problem	Possible Cause	Solution
Car runs slowly or inconsistently.	<ul style="list-style-type: none">◦ Dirty contact brushes or track.◦ Debris in axles or wheels.	<ul style="list-style-type: none">◦ Clean contact brushes and track rails.◦ Remove any debris from wheels and axles.

8. SPECIFICATIONS

- **Model Number:** 20064218
- **Brand:** Carrera
- **Product Dimensions:** 7.48 x 2.17 x 6.69 inches (approx. 19 x 5.5 x 17 cm)
- **Item Weight:** 1.3 ounces (approx. 37 grams)
- **Vehicle Scale:** 1:43
- **Recommended Age:** 6 years and up
- **Manufacturer:** Carrera Toys GmbH



Image 8.1: Visual representation of the Sonic Speed Star slot car, indicating its 1:43 scale.

9. WARRANTY INFORMATION

Specific warranty details for the Carrera Sonic Speed Star 20064218 are typically provided with the product packaging or can be obtained directly from the manufacturer. Please retain your proof of purchase for any warranty claims. For the most current warranty information, please visit the official Carrera website or contact their customer support.

10. SUPPORT

For further assistance, technical support, or inquiries regarding your Carrera Sonic Speed Star 20064218, please contact Carrera Toys GmbH directly.

- **Manufacturer:** Carrera Toys GmbH
- **Website:** www.carrera-toys.com (Please check for regional websites)
- Refer to the Carrera website for contact information specific to your region.