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### Carrera 20064172

# Carrera 64172 Audi RS 5 DTM N.Müller No. 51 Slot Car Instruction Manual

Model: 20064172

## 1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Carrera 64172 Audi RS 5 DTM N.Müller No. 51 1:43 scale analog slot car. Designed for use with Carrera GO!!! slot car racing tracks, this model offers realistic racing action. Please read these instructions carefully to ensure proper use and longevity of your product.



Image 1.1: The Carrera 64172 Audi RS 5 DTM N.Müller No. 51 slot car, featuring a green and white livery with sponsor decals and the number 51.

## 2. SAFETY INFORMATION

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**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.

- Always supervise children during operation.
- Do not expose the slot car or track components to water or excessive moisture.
- Disconnect power from the track system before performing any maintenance or adjustments.
- Avoid touching moving parts during operation.
- Use only with compatible Carrera GO!!! track systems and power supplies.

## 3. WHAT'S IN THE BOX

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Your package should contain the following item:

- 1x Carrera GO!!! 1:43 Scale Analog Slot Car Racing Toy Car (Audi RS 5 DTM N.Müller No. 51)

*Note: Track system, controllers, and power supply are sold separately or included with Carrera GO!!! starter sets.*

## 4. SETUP AND PREPARATION

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### 4.1 Track System Preparation

Ensure your Carrera GO!!! slot car track system is fully assembled, connected to a power source, and functioning correctly according to its own instruction manual. The track surface and electrical contacts should be clean and free of debris.



Image 4.1: Example of a Carrera GO!!! slot car track layout, demonstrating the environment in which the slot car operates.

### 4.2 Slot Car Inspection

- **Contact Brushes:** Verify that the replaceable double contact brushes on the underside of the car are clean, properly positioned, and make good contact with the track's power rails. Gently bend them slightly outwards if needed to ensure optimal contact.
- **Downforce Magnets:** The car is equipped with downforce magnets for improved stability and cornering. Ensure they are free of debris.
- **Wheels and Axles:** Check that all wheels spin freely and are securely attached to their axles.

## 5. OPERATING INSTRUCTIONS

- Place Car on Track:** Carefully align the guide keel on the underside of the slot car with the slot in the track. Ensure both contact brushes are resting on the metal power rails of the track.
- Connect Controller:** Ensure your speed controller is properly connected to the track system.
- Start Racing:** Apply power to the track system. Use the speed controller to accelerate the car. Gradually increase speed to learn how the car handles on different track sections, especially corners.
- Cornering:** The downforce magnets assist with cornering stability. However, excessive speed in corners can still cause the car to de-slot. Practice modulating your speed for optimal performance.
- Stopping:** Release the accelerator on your controller to slow down or stop the car.

## 6. MAINTENANCE

- Cleaning Contact Brushes:** Regularly inspect and clean the contact brushes. Dust and debris can reduce electrical conductivity. Replace brushes if they become excessively worn or damaged.
- Cleaning Wheels and Axles:** Remove any hair or lint that may accumulate around the axles or wheels to ensure smooth operation.
- Body Cleaning:** Wipe the car body with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- Storage:** Store the slot car in a clean, dry place away from direct sunlight and extreme temperatures when not in use.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Car does not move.	No power to track; poor contact brush connection; damaged motor.	Check track power supply and connections. Ensure contact brushes are clean and properly positioned. Inspect motor for visible damage (if comfortable doing so, otherwise seek professional help).
Car runs erratically or slowly.	Dirty track rails; worn or dirty contact brushes; debris in wheels/axles.	Clean track rails and contact brushes. Remove any debris from wheels and axles.
Car frequently de-slots (comes off track).	Excessive speed in corners; worn tires; misaligned guide keel; track unevenness.	Reduce speed in corners. Check tires for wear and replace if necessary. Ensure guide keel is straight. Verify track sections are securely connected and level.

## 8. SPECIFICATIONS

Model Number	20064172
Scale	1:43
Type	Analog Slot Car
Compatibility	Carrera GO!!! Electric and Battery-Operated Slot Car Racing Sets
Product Dimensions	7.48 x 6.7 x 1.18 inches (19 x 17 x 3 cm)
Item Weight	2.89 ounces (81.9 grams)

Recommended Age	8 years and up
Manufacturer	Carrera

## 9. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided with your original purchase or contact your retailer. For further technical support or inquiries regarding Carrera products, please visit the official Carrera website or contact their customer service department.

Official Carrera Website: [www.carrera-toys.com](http://www.carrera-toys.com)

