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## LEGO 42107

# LEGO Technic Ducati Panigale V4 R Motorcycle (Model 42107) Instruction Manual

Detailed assembly and operational guide for your LEGO Technic Ducati Panigale V4 R.

## INTRODUCTION

This manual provides comprehensive instructions for the assembly, operation, and care of your LEGO Technic Ducati Panigale V4 R Motorcycle, Model 42107. Designed for enthusiasts aged 10 and up, this model offers an immersive building experience with realistic features such as a functional gearbox and suspension.

Please read all instructions carefully before beginning assembly to ensure a smooth and enjoyable building process.

## SAFETY INFORMATION

This product is a building toy and contains small parts. It is recommended for ages 10 and up. Adult supervision is advised for younger builders. Keep small parts away from children under 3 years of age to prevent choking hazards.

## PACKAGE CONTENTS

Your LEGO Technic Ducati Panigale V4 R Motorcycle (Model 42107) package contains:

- LEGO Building Elements (646 pieces)
- Instruction Booklet
- Sticker Sheet (for detailing)



Image 1: The retail packaging for the LEGO Technic Ducati Panigale V4 R, showing the assembled model and piece count.

## SETUP AND ASSEMBLY

The assembly of the LEGO Technic Ducati Panigale V4 R is a detailed process. Follow the step-by-step instructions provided in the included instruction booklet. It is recommended to organize your LEGO elements before starting to facilitate the building process.

1. **Unpack and Sort:** Carefully open the packaging and sort the LEGO elements by type or color. This will significantly reduce search time during assembly.
2. **Follow the Instruction Booklet:** Refer to the official LEGO instruction booklet for detailed, visual, step-by-step guidance. Each step illustrates the required pieces and their placement.
3. **Attention to Detail:** Pay close attention to the orientation of Technic pins, axles, and gears, especially when constructing the gearbox and suspension mechanisms. Incorrect placement can affect functionality.
4. **Apply Stickers:** Once the main structure is complete, apply the provided stickers according to the manual for authentic detailing.



Image 2: A person engaged in the assembly of the LEGO Technic Ducati Panigale V4 R, demonstrating the hands-on building process.



Image 3: The fully assembled LEGO Technic Ducati Panigale V4 R model, showcasing its detailed design and red color scheme.

## OPERATING FEATURES

The LEGO Technic Ducati Panigale V4 R model incorporates several functional elements designed to replicate the real motorcycle's mechanics:

- **Two-Speed Gearbox:** This model features a functional two-speed gearbox, a first for LEGO Technic motorcycles. Engage the gears to observe the V4-cylinder engine pistons move.
- **Front and Rear Suspension:** The working front and rear suspension allows for realistic movement and dampening, enhancing the model's authenticity.
- **Steering:** The front wheel can be steered, providing dynamic posing options for display.
- **Disc Brakes:** The model includes detailed front and rear disc brakes, adding to the realistic appearance.
- **Kickstand:** A functional kickstand is included, allowing the model to stand independently for display.

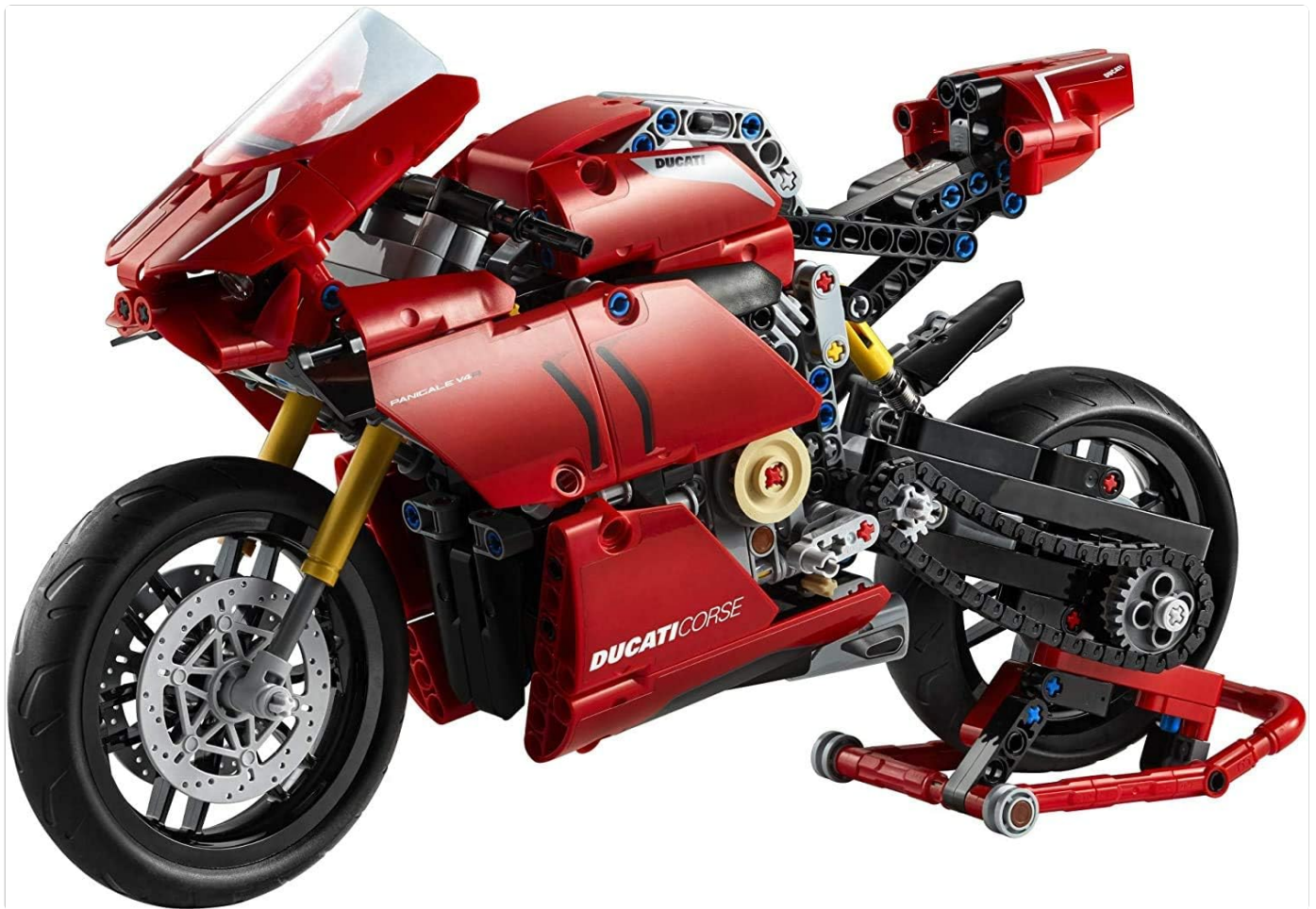


Image 4: The rear of the product box, illustrating key features such as the gearbox, suspension, and dimensions of the assembled model.

## MAINTENANCE

To ensure the longevity and appearance of your LEGO Technic Ducati Panigale V4 R model, follow these maintenance guidelines:

- **Cleaning:** Dust the model regularly with a soft brush or compressed air. For deeper cleaning, gently wipe with a damp cloth and mild soap, then rinse and air dry. Avoid harsh chemicals.
- **Storage:** Store the model in a cool, dry place away from direct sunlight to prevent discoloration or warping of plastic elements.
- **Handling:** Handle the model carefully, especially around delicate parts like the windshield or exhaust pipes, to prevent accidental detachment or damage.

## TROUBLESHOOTING

If you encounter issues during or after assembly, consider the following:

- **Missing Pieces:** In rare cases, a piece might be missing. Contact LEGO Customer Service for replacement parts.
- **Functionality Issues (e.g., gearbox not working):** Re-examine the assembly steps related to the problematic mechanism. Often, a single misplaced or incorrectly oriented piece can prevent proper function. Refer to the instruction booklet for precise placement.
- **Loose Connections:** Ensure all Technic pins and axles are fully inserted. Connections should feel secure.

## SPECIFICATIONS

<b>Model Number</b>	42107
<b>Brand</b>	LEGO Technic
<b>Product Dimensions</b>	15.04 x 10.32 x 2.78 inches (packaging)
<b>Assembled Dimensions</b>	Approximately 12 inches (32 cm) long, 6 inches (16 cm) high, 3 inches (8 cm) wide
<b>Item Weight</b>	0.071 ounces (packaging weight)
<b>Number of Pieces</b>	646
<b>Recommended Age</b>	10 years and up
<b>Release Date</b>	August 21, 2020

## WARRANTY AND SUPPORT

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LEGO products are manufactured to high-quality standards. If you have any questions, require replacement parts, or need assistance with your build, please visit the official LEGO Customer Service website or contact their support line. Specific warranty details are typically provided with the product packaging or can be found on the official LEGO website.

For further assistance, please visit: [www.lego.com/service](http://www.lego.com/service)

