

## Pirelli Diablo Rosso II 140/70 17R 66H

# Pirelli Diablo Rosso II 140/70 17R 66H Tubeless Bike Tyre User Manual

Model: Diablo Rosso II 140/70 17R 66H

## 1. INTRODUCTION

The Pirelli Diablo Rosso II is a high-performance tubeless radial tire designed for motorcycles, offering a blend of sportiness and versatility for various road conditions, including wet surfaces. This tire incorporates advanced Pirelli technology, including a tri-zone dual compound rear, enhanced patch technology (EPT), and integrated contour shaping (ICS) to optimize grip, contact patch area, and handling.

This manual provides essential information regarding the installation, usage, maintenance, and specifications of your Pirelli Diablo Rosso II tire to ensure optimal performance and longevity.

## 2. SETUP AND INSTALLATION

Proper installation is crucial for the safety and performance of your tire. It is strongly recommended that installation be performed by a qualified professional motorcycle technician.

- **Rim Compatibility:** Ensure the tire is mounted on a compatible rim size (17 inches for this model).
- **Direction of Rotation:** Always observe the rotation arrow on the tire sidewall and mount the tire in the indicated direction.
- **Lubrication:** Use appropriate tire mounting lubricant to prevent damage during installation.
- **Inflation:** Inflate the tire to the motorcycle manufacturer's recommended pressure. Do not exceed the maximum inflation pressure indicated on the tire sidewall.
- **Balancing:** After mounting, the wheel and tire assembly must be dynamically balanced to prevent vibrations and ensure smooth operation.
- **New Tire Break-in:** New tires require a break-in period of approximately 100-200 kilometers (60-120 miles) to allow the tire surface to scuff in and release agents to wear off. During this period, avoid aggressive acceleration, braking, and cornering.



Image of the Pirelli Diablo Rosso II 140/70 17R 66H Tubeless Bike Tyre, showcasing its tread pattern and sidewall markings.

### 3. OPERATING GUIDELINES

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The Diablo Rosso II is engineered for high performance across various riding conditions.

- **Tire Pressure:** Always maintain the tire pressure recommended by your motorcycle manufacturer. Incorrect pressure can lead to poor handling, reduced tire life, and increased risk of failure. Check pressure when tires are cold.
- **Road Conditions:** This tire features a high-grip compound on the shoulders for cornering and a wet/mileage compound in the center, providing reliable performance in both dry and wet conditions. However, always adjust your riding style to suit prevailing road and weather conditions.
- **Load Capacity:** Do not exceed the maximum load capacity indicated on the tire sidewall. The load index for this tire is 66H.
- **Speed Rating:** The speed rating 'H' indicates the maximum speed at which the tire can carry its maximum load. Always adhere to legal speed limits and ride within your capabilities.

### 4. MAINTENANCE

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Regular maintenance extends tire life and ensures safety.

- **Regular Inspection:** Periodically inspect tires for cuts, punctures, bulges, cracks, or any other signs of damage. Remove any embedded objects.
- **Tread Wear:** Check tread depth regularly. Replace tires when they reach the minimum legal tread depth or when the tread wear indicators (TWI) become visible.
- **Cleaning:** Clean tires with mild soap and water. Avoid harsh chemicals or petroleum-based products that can degrade rubber.
- **Storage:** If storing your motorcycle for an extended period, ensure tires are off the ground and stored in a cool, dry place away from direct sunlight and ozone-producing equipment.

## 5. TROUBLESHOOTING

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If you experience any of the following issues, consult a professional technician immediately:

- **Rapid or Uneven Wear:** Can indicate incorrect tire pressure, improper wheel alignment, or suspension issues.
- **Vibrations:** May be caused by unbalanced wheels, damaged tires, or suspension problems.
- **Loss of Air Pressure:** Could be due to a puncture, valve stem issue, or bead leak. Do not ride on a deflated tire.
- **Bulges or Cracks:** These are serious signs of internal damage and require immediate tire replacement.

## 6. SPECIFICATIONS

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Feature	Detail
Brand	Pirelli
Model	Diablo Rosso II
Size	140/70 17R 66H
Rim Size	17 Inches
Section Width	140 Millimetres
Tyre Aspect Ratio	70.0
Tire Diameter	17 inches
Item Weight	12 Pounds (approx. 5.44 kg)
Seasons	Year Round
Tread Type	Asymmetrical
Unit Count	1.0 Count

## 7. WARRANTY AND SUPPORT

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Pirelli tires are manufactured to high-quality standards and come with a manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the official Pirelli website or contact your authorized Pirelli dealer.

For technical support, product inquiries, or assistance with warranty claims, please contact Pirelli customer service through their official channels. Always provide your tire's serial number and purchase information when seeking support.