

## DUNLOP K591

# Dunlop Harley-Davidson K591 Rear Motorcycle Tire Instruction Manual

Model: K591 | Brand: DUNLOP

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Dunlop Harley-Davidson K591 Rear Motorcycle Tire. The K591 tire is designed for sport and sport-touring motorcycle riders, featuring a directional tread pattern and compounds optimized for grip in various weather conditions. It is approved for Harley-Davidson sport models and carries a V speed rating. For optimal performance and safety, please read this manual thoroughly before installation and use.

## 2. SAFETY INFORMATION

Motorcycle tires are critical components affecting vehicle safety and performance. Adherence to safety guidelines is paramount.

- **Professional Installation:** Tire installation should only be performed by qualified professionals using appropriate tools and procedures. Incorrect installation can lead to tire failure, loss of control, and serious injury.
- **Tire Pressure:** Always maintain the tire pressure recommended by your motorcycle manufacturer. Check pressure regularly when tires are cold. Under-inflation or over-inflation can lead to premature wear, reduced handling, and tire failure.
- **Load Capacity:** Do not exceed the maximum load capacity specified on the tire sidewall or in your motorcycle's owner's manual. Overloading can cause tire damage and failure.
- **Speed Rating:** Do not exceed the maximum speed rating of the tire. The K591 tire has a V speed rating, indicating it is suitable for speeds up to 149 mph (240 km/h) under specified conditions.
- **Tire Inspection:** Regularly inspect tires for cuts, punctures, bulges, cracks, or excessive wear. Any damage should be addressed immediately by a professional.

- **Tread Depth:** Replace tires when the tread depth reaches the minimum legal limit or when wear indicators become visible.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### 3. SETUP AND INSTALLATION

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Proper installation is crucial for the safety and performance of your motorcycle tire.

1. **Professional Installation:** Always have new tires installed by a certified motorcycle technician. They possess the specialized tools and expertise required for safe and correct mounting and balancing.
2. **Compatibility Check:** Ensure the tire size (160/70B-17) and specifications match your motorcycle manufacturer's recommendations for the rear wheel. Refer to your motorcycle's owner's manual.
3. **Directional Tread:** The K591 features a directional tread pattern. Ensure the tire is mounted with the rotation arrow on the sidewall pointing in the direction of forward rotation.
4. **Mounting and Seating:** The tire must be properly seated on the rim. This involves careful lubrication and inflation to ensure the bead locks securely into place.
5. **Balancing:** After mounting, the tire and wheel assembly must be dynamically balanced to prevent vibrations and ensure even wear.
6. **Initial Inflation:** Inflate the tire to the pressure specified by your motorcycle manufacturer, not the maximum pressure listed on the tire sidewall.
7. **Break-in Period:** New tires require a break-in period of approximately 100 miles (160 km) to allow the tire's components to settle and for any mold release agents to wear off. During this period, avoid sudden acceleration, hard braking, and aggressive cornering.



This image displays the Dunlop Harley-Davidson K591 Rear Motorcycle Tire, highlighting its directional tread pattern designed for optimal grip.

## 4. OPERATING GUIDELINES

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To ensure the longevity and safe performance of your Dunlop K591 tire, observe the following operating guidelines:

- **Maintain Correct Tire Pressure:** Regularly check and adjust tire pressure according to your motorcycle manufacturer's specifications. Incorrect pressure affects handling, stability, and tire life.
- **Adhere to Speed and Load Limits:** Never exceed the tire's V speed rating or its maximum load capacity of 805 pounds.
- **Driving Conditions:** The K591 is designed for optimum grip in both wet and dry conditions. However, always adjust your riding style to suit road conditions, especially in adverse weather.
- **Avoid Overloading:** Distribute weight evenly and avoid carrying loads that exceed your motorcycle's or tire's specified limits.

- **Smooth Riding:** Smooth acceleration, braking, and cornering contribute to longer tire life and consistent performance.

## 5. MAINTENANCE

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Regular maintenance extends the life of your tire and ensures continued safety.

- **Frequent Pressure Checks:** Check tire pressure at least once a week, or before every ride, using an accurate gauge. Always check when tires are cold.
- **Visual Inspection:** Before each ride, visually inspect the tire for any signs of damage, such as cuts, cracks, bulges, or embedded objects.
- **Tread Depth Monitoring:** Regularly check the tread depth. Replace the tire when the tread wears down to the wear indicators (typically 1/32 inch or 0.8 mm for motorcycles).
- **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 or rotate them periodically to prevent flat spots. Store in a cool, dry place away from direct sunlight and ozone-producing equipment.

## 6. TROUBLESHOOTING

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Addressing common tire issues promptly can prevent further damage and ensure safety.

- **Uneven Wear:** If you notice uneven wear patterns (e.g., wear on one side, cupping), this could indicate incorrect tire pressure, improper balancing, suspension issues, or misalignment. Consult a professional technician for diagnosis and correction.
- **Loss of Pressure:** A consistent loss of tire pressure may indicate a slow leak from a puncture, a faulty valve stem, or improper bead seating. Do not ignore persistent pressure loss; have the tire inspected immediately.
- **Vibrations or Wobbling:** New or sudden vibrations while riding can be a sign of an unbalanced wheel, a damaged tire, or a bent rim. Stop riding and have the motorcycle inspected by a professional.
- **Cracks or Bulges:** Any visible cracks in the sidewall or tread, or bulges, indicate internal damage and a high risk of tire failure. The tire must be replaced immediately.

For any issues beyond basic inspection, it is recommended to consult a qualified motorcycle mechanic or tire specialist.

## 7. SPECIFICATIONS

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Feature	Specification
Brand	DUNLOP
Model	K591
Vehicle Tire ISO Metric Size Description	160/70B-17 (R)
Item Diameter	17 Inches
Speed Rating	V (up to 149 mph / 240 km/h)
Load Capacity	805 Pounds
Tread Type	Directional
Maximum Pressure	42 Pound per Square Inch
Construction Type	Single-ply
Item Weight	17.2 Pounds
UPC	697662104360
Item Model Number	45146085
Manufacturer Part Number	302396

## 8. WARRANTY INFORMATION

Specific warranty terms for Dunlop motorcycle tires are provided by the manufacturer. For detailed information regarding warranty coverage, duration, and claims procedures, please refer to the official Dunlop website or contact an authorized Dunlop dealer.

## 9. SUPPORT

For technical assistance, product inquiries, or further support regarding your Dunlop K591 Rear Motorcycle Tire, please contact Dunlop customer service or visit their official website. You may also consult with an authorized Dunlop dealer or a certified motorcycle technician for expert advice and service.

**Dunlop Official Website:** [www.dunlopmotorcycl tires.com](http://www.dunlopmotorcycl tires.com) (Example link, please verify current official URL)

