



Manuals.plus /

› DUNLOP /

› Dunlop Elite 4 Rear Motorcycle Tire (180/70R-16) Instruction Manual

DUNLOP Elite 4 Rear Tire

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Model: Elite 4 Rear Tire (Part Number: 45119303)

1. PRODUCT OVERVIEW

The Dunlop Elite 4 Rear Tire is designed for motorcycles, offering characteristics that contribute to extended mileage and consistent wear. This tire incorporates Dunlop's MT Multi-Tread technology, featuring a durable compound in the center and a grip-oriented compound on the shoulders. The tread pattern is engineered to provide performance on wet surfaces and contribute to even wear and reduced road noise.

This manual provides essential information for the proper installation, usage, and maintenance of your Dunlop Elite 4 Rear Tire to ensure optimal performance and safety.



Figure 1: Dunlop Elite 4 Rear Motorcycle Tire. This image displays the tire mounted on a rim, showcasing its tread pattern and sidewall markings, including the "ELITE 4" and "DUNLOP" branding.

2. SAFETY INFORMATION

WARNING: This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Always prioritize safety when handling, installing, or using motorcycle tires. Improper installation or maintenance can lead to serious injury or death. Consult a qualified motorcycle technician for all tire-related services.

- **Professional Installation:** Tire installation should only be performed by trained professionals using appropriate tools and procedures.
- **Correct Tire Pressure:** Maintain the tire pressure recommended by your motorcycle manufacturer. Incorrect pressure affects handling, wear, and safety.
- **Load Capacity:** Do not exceed the maximum load capacity specified on the tire sidewall and in your motorcycle's owner's manual.
- **Speed Rating:** Adhere to the tire's speed rating. Exceeding this rating can lead to tire failure.
- **Tire Inspection:** Regularly inspect tires for cuts, punctures, bulges, or uneven wear.

3. INSTALLATION

Proper installation is critical for tire performance and rider safety. It is strongly recommended that tire installation be performed by a certified motorcycle technician.

1. **Tire Selection:** Ensure the replacement tire matches the size, speed rating, and load index specified by your motorcycle manufacturer. This Elite 4 tire is a rear tire, size 180/70R-16.
2. **Rim Compatibility:** Verify that the tire is compatible with your motorcycle's rim width. Refer to the tire specifications for recommended rim width.
3. **Directional Mounting:** The Elite 4 tire 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. **Bead Seating:** Ensure the tire beads are properly seated on the rim. This typically requires lubrication and inflation to a specific pressure, which should not exceed the maximum seating pressure indicated on the tire sidewall.
5. **Balancing:** After mounting, the tire and wheel assembly must be balanced to prevent vibration and uneven wear.
6. **Initial Inflation:** Inflate the tire to the pressure recommended by the motorcycle manufacturer, not the maximum pressure listed on the tire sidewall.

4. OPERATING GUIDELINES

Adhering to these guidelines will help maximize tire life and maintain safe riding conditions.

- **Tire Pressure:** Check tire pressure frequently (at least weekly and before every long ride) using an accurate gauge when tires are cold. Adjust to the motorcycle manufacturer's recommended pressure.
- **Load and Speed:** Do not overload your motorcycle or exceed the tire's speed rating. Refer to your motorcycle's owner's manual for specific limits.
- **Break-in Period:** New tires require a break-in period of approximately 100 miles (160 km) to allow the tire surface to scuff in and for the rider to become accustomed to the new tire's characteristics. Avoid aggressive acceleration, hard braking, and extreme lean angles during this period.
- **Wet Weather Performance:** The Elite 4 tread pattern is designed to assist with wet pavement performance. However, always reduce speed and exercise caution when riding in wet conditions.

5. MAINTENANCE

Regular maintenance extends the life of your tire and contributes to riding safety.

- **Tire Pressure:** As mentioned in operating guidelines, consistent tire pressure checks are paramount.
- **Tread Wear:** Inspect the tire tread for wear indicators. When the tread reaches the minimum depth (typically 1/32 inch or 0.8 mm in the main grooves), the tire must be replaced.
- **Damage Inspection:** Visually inspect the tire for any signs of damage, such as cuts, cracks, bulges, or embedded foreign objects. Any significant damage warrants immediate professional inspection and potential replacement.
- **Cleaning:** Clean tires with mild soap and water. Avoid harsh chemicals or petroleum-based cleaners that can degrade rubber compounds.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your motorcycle tire. For any serious concerns, consult a professional motorcycle technician.

- **Rapid or Uneven Wear:**
 - **Cause:** Incorrect tire pressure, improper balancing, misaligned wheels, worn suspension components, or aggressive riding style.
 - **Solution:** Verify tire pressure, have wheels balanced and aligned, inspect suspension, and adjust riding habits.
- **Vibration or Wobble:**
 - **Cause:** Unbalanced wheel, damaged tire, bent rim, or loose wheel bearings.
 - **Solution:** Have the wheel re-balanced, inspect tire and rim for damage, and check wheel bearings.
- **Loss of Air Pressure:**
 - **Cause:** Puncture, faulty valve stem, damaged rim, or improper bead seating.
 - **Solution:** Inspect for punctures, check valve stem, and have a professional inspect the tire and rim.

7. SPECIFICATIONS

Feature	Detail
Brand	DUNLOP
Model	Elite 4 Rear Tire
Part Number	45119303
UPC	848983014528
Size	180/70R-16
Section Width	180 Millimeters
Load Capacity	1521 Pounds
Tread Type	Directional
Rim Width	16 Inches
Tire Diameter	37.6 inches
Construction Type	Radial
Item Weight	20 Pounds
Automotive Fit Type	Vehicle Specific Fit

8. WARRANTY AND SUPPORT

For specific warranty information regarding your Dunlop Elite 4 Rear Tire, please refer to the official warranty documentation provided with your purchase or visit the official Dunlop website. Warranty terms and conditions may vary.

For technical support, product inquiries, or assistance with warranty claims, please contact Dunlop customer service directly or the authorized retailer from whom the tire was purchased.

Dunlop Official Website: www.dunlopmotorcycl tires.com (Example link, actual link may vary)