



**BMW
MOTORRAD**

A close-up, high-angle shot of a motorcycle tire and wheel. The tire is black with a visible tread pattern. The wheel is silver with a multi-spoke design. A person's hand, wearing a yellow work glove, is visible at the bottom left, holding the tire. The background is blurred, showing an outdoor setting with greenery and a building.

TIRE MANUFACTURERS' WARRANTIES GUIDE 2025

MAKE LIFE A RIDE

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TIRE MANUFACTURERS' WARRANTIES

Your BMW Motorcycle's tires are warranted by their respective manufacturer. All applicable original equipment (OE) tire warranty statement brochures are contained in the following document. To determine which tire manufacturer's warranty applies; please obtain the following information from the tires fitted on your vehicle:

- Brand (tire manufacturer) / Model / Size – Embossed in the sidewall.

The terms and conditions of the tire manufacturers' warranties are independently determined by the tire manufacturers without input from BMW. We recommend either contacting or visiting the specific tire manufacturer's website to ensure that you have the most current warranty information that applies to your tires.

You may request a printed copy of the tire manufacturers' warranties guide using the contact information listed below.

BMW of North America, LLC
Customer Relations and Services Department
P.O. Box 1227
Westwood, NJ 07675-12271
Telephone: 1 (800) 831-1117
Email: customerrelations@bmwusa.com

Bridgestone

BRIDGESTONE

2019

MOTORCYCLE TIRE
MAINTENANCE, SAFETY AND
WARRANTY GUIDE



MOTORCYCLE TIRE SAFETY & MAINTENANCE INFORMATION

TO REDUCE THE RISK OF TIRE FAILURE, IT IS STRONGLY RECOMMENDED THAT ALL SAFETY INFORMATION CONTAINED IN THIS BROCHURE IS READ AND FOLLOWED.

Motorcycle tires play a vital role in the performance, handling and safety of the bike. It is extremely important that motorcycle tires receive proper maintenance to keep the tires safe. Remember; when on a motorcycle, there are only two small contact patches with the road, so it is critical to keep the tires in top condition.

Any tire, no matter how well constructed, may fail in use as a result of punctures, impact damage, improper inflation, overloading, or other conditions resulting from use or misuse. Tire failure may create a risk of property damage, serious personal injury or death.

Many tire failures are preceded by vibration, bumps, bulges or irregular wear. It is recommended that riders do a periodic inspection of their tires and have any imbedded objects removed by a qualified service person. If a vibration occurs while riding a motorcycle, or a bump, bulge or irregular wear is noticed, have the tires and motorcycle evaluated by a qualified service person.

It is not often that a properly maintained tire will "blow out" while in use. More commonly if air is lost, it will be gradual. If a blow out or sudden tire failure is experienced, the following information should be helpful:

- If a failure occurs, slowly decrease the amount of throttle, hold the handlebars firmly, and steer to maintain lane position.
- Once the motorcycle has slowed and is fully under control, apply the brakes gently. Gradually pull over to the shoulder and come to a stop.

Tire Selection

- Consult the vehicle owner's manual, local dealer, or contact a Bridgestone Technical Center for the correct tire size, load rating, tire and rim matching.
- Some motorcycle wheel positions may only be fitted with radial, bias, or bias belted tires. Mixing tires of different construction may adversely affect handling and stability and should be avoided unless specifically recommended by the vehicle manufacturer. Consult the vehicle owner's manual or local dealer for the correct tire/wheel combination for any motorcycle.
- Mixing worn and unworn tires, or different patterns, may cause a change in motorcycle handling and/or stability. Any time a new tire is fitted to a motorcycle, it should be subjected to a careful ride evaluation to allow the rider to adjust to the new conditions. See "Run-in Period" section.

Rim Size

It is extremely important to mount a motorcycle tire on a proper sized rim. Be sure to match tire size to the size allowed on the rim. Improper rim width will change the tire profile and may affect handling and stability.

Tire Mounting

Never mount passenger car tires on motorcycle rims or vice versa.

- New replacement tube-type tires should always be fitted with new for tube-type applications.
- Mount only "tubeless" tires on "tubeless" rims when the rim manufacturer recommends this fitment. Some rims require tubes. A "tubeless" tire can be installed on a "tube type" rim when the appropriate tube is inserted.
- Do not install non-radial tubes in radial tires. Radial tires should be fitted with tubes marked with the radial ("R") designation. Be sure the tube marking matches the radial tire marking before installation to rims requiring tubes.
- A new valve stem should be installed on the rim each time a worn out motorcycle tire is replaced.
- Be sure to use an appropriate amount of approved bead lubricant when mounting the tire.
- Never put flammable substances in tire/rim assemblies at any time.
- Never inflate above 57 psi to seat tire beads. After seating tire beads, adjust inflation to pressure recommended by vehicle manufacturer.
- Always mount tire in direction of rotational arrows or indicators stamped on the sidewall. **Note: Tires marked "Front Tire" or "Rear Tire" should be mounted only in their stated wheel positions.**

Run-In

Use care when riding on new tires. We recommend that you ride slowly and carefully for the first 60 miles (~100 km) until you become accustomed to the performance of your new tires in conjunction with your motorcycle. We recommend avoiding extreme maneuvers, including sudden acceleration, maximum braking and hard cornering, until you have become accustomed to the performance of your tires in conjunction with your motorcycle.

Tire Pressure

CHECKING INFLATION PRESSURE IS THE MOST IMPORTANT TIRE MAINTENANCE FUNCTION.

- Follow inflation pressure recommendations in Owner's Manual and on vehicle identification placard.
- For fully loaded or dual riding touring motorcycle applications, inflate front and rear tires to maximum recommendation by the vehicle manufacturer (maximum load and inflation pressure for tire can be found on the sidewall of the tire).
- Underinflated tires can result in poor handling, higher operating temperature, irregular tire wear, fatigue cracking and irreparable damage to the tire.
- Overinflated tires can result in a harsh ride and increased wear in the center of the tread. The tires are more likely to be cut, punctured, or broken by sudden impact. Do not exceed the maximum pressure indicated on the tire sidewall.
- Check cold tire pressure at least once a week with a good quality gauge and always before extended trips. The tires are "cold" when the motorcycle has been ridden less than a mile at moderate speed or has not been ridden for three or more hours.
- Old or damaged valve stems and cores may cause air loss. Replace them when mounting new tires. Use caps (finger tight) on the valve stems to keep dust, dirt and moisture away from the valve.
- Repeated loss of air pressure may be the result of tire damage. Perform a visual inspection for any cuts, abrasions, punctures, blisters, etc. It may be necessary to remove the tire from the wheel to perform a full inspection.

Load-Carrying Capacity

Every Bridgestone street tire has a maximum load and corresponding pressure, which is indicated on the sidewall. Never exceed the maximum load stamped on the tire sidewall or the maximum motorcycle load rating, whichever is lower. **REMEMBER: the load-carrying capability of the tires is reduced by under inflation.** It is possible to overload a tire even though it is the size specified by the motorcycle manufacturer.

- Towing a trailer behind a motorcycle may contribute to motorcycle instability. It may also cause extreme tire stress and overload. This overloaded condition could cause irreversible damage to the tire and result in sudden tire failure and accident. Bridgestone does not warrant tires used on motorcycles fitted with trailers.
- Sidecars should not be fitted to motorcycles without approval from the motorcycle manufacturer.

Tire Clearance

- Consult the vehicle manufacturer before mounting sizes other than indicated in the owner's manual. Adequate clearance of fenders, swingarm, etc., must be maintained. An increase or decrease in tire size may require an increase or decrease in wheel width.

Tire Repairs

- An emergency/temporary sealant or filler injected into a tire, for example via an aerosol can or injection/squeeze-tube, is not a proper repair and voids the tire Limited Warranty. A tire injected with such sealant or filler must be replaced by a qualified tire service professional as soon as possible.
- Repairs of all tires (radial and non-radial) must be a permanent plug-patch repair. Using plugs or patches alone, on any type of tire is not a safe repair.
- Never repair a tire with less than 1/32nd inch (0.8 millimeters) tread remaining. At this tread depth, the tire is worn out and must be replaced.

- Never repair a tire with a puncture larger than 1/4 inch (6 mm) in diameter. Such tires cannot be properly repaired and must be replaced.
 - Never repair a tire with a puncture or other damage outside the tread area. Such tires cannot be properly repaired and must be replaced.
 - Any tire repair done without removing the tire from the rim is improper.
 - Tubes, like tires, should be repaired only by a qualified tire service person.
 - Never use a tube as a substitute for a proper repair.
- A tire's speed rating is void if the tire is repaired, retreaded, damaged or abused, or otherwise altered from its original condition. Thereafter, it should be treated as a non-speed-rated tire.
- Speed should not exceed 50 mph (80kph) in the first 24 hours after a repair is made and the repaired tire should never be used at speeds above 80 mph (128 kph).

Dyno Testing

Do not use a tire that has been subjected to motorcycle dynamometer testing. The stress from this process may result in tread compound degradation and possible tire failure.

High Speed Riding

- Regardless of the speed and handling capabilities of a motorcycle and its tires, a loss of control can result from exceeding the maximum speed allowed by law or warranted by traffic, weather, motorcycle or road conditions. High-speed riding should be left to trained professionals under controlled conditions.
- No tire, regardless of its design or speed rating, has unlimited capacity for speed, and a sudden tire failure can occur if its limits are exceeded.

Race Tires

Never use race tires on public roads. Race tires are constructed in such a way that they may be unstable under normal street riding conditions. These tires also require higher operating temperatures for proper performance. These temperatures cannot be obtained within legal speed limits.

Tire Service Life

Make sure tires continue to be regularly inspected after 5 years of service to determine if they can continue in service. Regardless of the tire's condition or tread depth, it is recommended that tires more than 10 years old be taken out of service and replaced with new tires. See "Tire Manufacture Date," the next section in this manual.

This is not a warranty that any tire will obtain 10 years of service. Some tires will require replacement before 10 years due to conditions such as punctures, impact damage, improper inflation, overloading, tread wear or other conditions involving use or misuse of the tire. If a tire is worn out or otherwise unserviceable from damage or conditions of use, it should be replaced regardless of when it was produced or placed in service.

Tire Manufacture Date

The tire manufacture date is determined by examining the DOT tire identification number, also known as the DOT serial number or code, which can be found on at least one sidewall near the wheel. It may be necessary to look on both sides of the tire to find the entire serial code.

Tires Produced Since 2000: The last four (4) digits of the serial code identify the week and year of production. In the example below, the tire was produced in the 18th week of 2000. Another example, a tire with a serial code ending in "2406" would have been produced in the 24th week of 2006. **Tires Produced Prior to 2000:** The last three (3) digits of the serial code identify the week and year of production. For example, a tire with a code ending "329" would likely have been produced in the 32nd week of 1999, but possibly produced in 1989. If in doubt, consult a qualified tire service professional.

Tire Storage

Tires and/or motorcycles should be stored indoors in a cool dry place. Tires and/or motorcycles should be stored away from generators and motors and sources of heat such as hot pipes. Tires should be clean and free of grease, gasoline, or other substances, which can damage tires in ways that may not be visible.



Water collecting inside the tire storage surfaces should be placed away from electric storage surfaces should be deteriorate rubber.

Care and Use at Low Temperatures

Motorcycle tires may crack in the tread area from impact or deformation at low ambient temperatures; handle and store tires with care. Additionally, always ride with caution (avoid sudden acceleration, maximum braking and hard cornering) until the tires have warmed up to operating temperature, particularly in low ambient temperature conditions.

BRIDGESTONE MOTORCYCLE TIRE LIMITED WARRANTY

Eligibility

This Limited Warranty covers BRIDGESTONE brand motorcycle tires and only applies to the original purchaser. It is valid if all of the following apply:

- The tire was purchased after January 1, 2009.
- The tire is of a size that is specified for use by the vehicle manufacturer or Bridgestone.
- The tire has been used only on the vehicle on which it was originally installed.

What Is Warranted and For How Long

If, before wearing down to 1/32 inch (0.8mm) of remaining original tread depth (i.e., worn down to the top of the built-in indicators in the tread grooves), and within 4 years from the date of purchase (proof of purchase required; without proof of purchase, then 4 years from the date of manufacture - referenced by the last four digits of the DOT number), for any reason other than those excluded in the section entitled "What This Limited Warranty Does Not Cover," any eligible tire becomes unusable for any reason within the manufacturer's control, such tire will be replaced with an equivalent new Bridgestone tire on the basis set forth in this Limited Warranty.

What This Limited Warranty Does Not Cover

1. Tires with less than 1/32nd of an inch of original tread depth (i.e., worn down to the top of the built-in indicators in the tread grooves).

2. Tire damage or irregular wear due to:

- A. **Road hazards**, including, without limitation: Puncture, cut, impact break, stone drill, bruise, bulge, snag, etc.
- B. **Improper use or operation**, including, without limitation: Improper inflation pressure, overloading, tire/wheel spinning, use of an improper wheel, tire chain damage, misuse, misapplication, negligence, tire alteration, or use for racing or competition purposes.
- C. **Insufficient or improper maintenance**, including, without limitation: Wheel misalignment, improper brake adjustment, worn suspension components, improper tire mounting or demounting, tire/ wheel assembly imbalance, or other vehicle conditions, defects, or characteristics.
- D. **Contamination or degradation** after purchase by petroleum products or other chemicals, fire or other externally generated heat, or water or other material trapped inside the tire during mounting or inflation.
- E. **Improper repair**. Improper repair voids this Limited Warranty.

- 3. Rapid tread wear or wear-out. Motorcycle tires have no mileage warranty.
- 4. Weather/ozone cracking after 4 years from the date of manufacture.
- 5. Ride disturbance or vibration after 1/32 inch (0.8mm) of tread wear use.
- 6. Tires with sealant, balance, or other filler material that was not originally applied or inserted by the tire manufacturer.
- 7. Tires fitted with used, damaged, or incorrect size inner tubes.
- 8. Tires purchased as used.
- 9. The consequences of new tires or repaired tires not being allowed a proper Run-in Period.
- 10. Tires purchased and normally used outside of the United States.
- 11. Tires used on motorcycles fitted with trailers.
- 12. Tires inflated with anything other than air, nitrogen or carbon dioxide.

Replacement Price

- **Free Replacement Period:** Motorcycle tires adjusted under this Limited Warranty will be replaced free of charge during the first 50% of tread wear or within 12 months of the date of purchase (proof of purchase required; without proof of purchase, then 12 months from the date of manufacture), whichever occurs first.

After the free replacement period, the tire will be replaced for a pro-rated charge. To determine the replacement price, the dealer will multiply the current dealer selling price of the tire (in effect at the time of adjustment) by 50%. The cost of mounting, balancing, and other service charges, disposal fees, or applicable taxes are payable by the consumer. A CASH REFUND WILL NOT BE OFFERED IN LIEU OF THE ABOVE.

Where To Go for Replacement

If the tire was fitted as original equipment, it should be presented to the retailer from whom the motorcycle was purchased. With the exception of mail order tires, tires that were not fitted as original equipment may be presented to any authorized Bridgestone retailer. A mail order tire must be returned to the company from which it was ordered and the consumer must pay all associated shipping and handling costs.

Owner's Responsibilities

- A. Owner is responsible for proper tire care, and lawful and prudent motorcycle operation. Part of this responsibility is maintaining proper tire inflation pressure and load as recommended by motorcycle manufacturer and in accordance with restrictions molded on tire sidewalls. Inflation pressure should be checked frequently with a tire gauge and the tire should be regularly inspected for damage or irregular wear.
- B. Owner must present to any authorized Bridgestone motorcycle tire dealer or agent the tire for which he or she is seeking warranty consideration and proof of purchase. (Consult a telephone directory for the nearest authorized Bridgestone motorcycle tire dealer).
- C. Owner must pay all applicable dealer service charges and taxes.
- D. Owner must complete and sign the customer section of the Bridgestone Limited Warranty Form.
- E. The motorcycle on which the tire was equipped must also be available for inspection by an authorized dealer.
- F. Tires accepted for warranty compensation become the property of Bridgestone Americas Tire Operations, LLC.

Consumer Rights

This warranty gives consumers specific legal rights, and consumers may also have other rights, which vary from state to state.

Conditions and Exclusions

To the extent permitted by law, Bridgestone Americas Tire Operations, LLC disclaims all other warranties of merchantability and fitness for a particular purpose and any liability for incidental and consequential damages, loss of time or loss of vehicle use or inconvenience. Some states do not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to all consumers.

This Limited Warranty applies only to consumers actually using the tire in the United States. For warranty conditions outside the United States, see the local Bridgestone distributor. Obligations under this policy may not be enlarged or altered by anyone.

In accordance with Federal Law, this Limited Warranty has been designated as a "Limited Warranty."

Nothing in this Limited Warranty is intended to be a representation that tire failures cannot occur. This Limited Warranty is given in the United States by Bridgestone Americas Tire Operations, LLC, 200 Fourth Avenue South, Nashville, TN 37201.

For purchases in Canada, please see separate Warranty Brochure.

BATTLECRUISE H50 SUPPLEMENTAL ROAD HAZARD LIMITED WARRANTY

Limited Warranty

Not applicable to tires purchased in the state of New York.

For additional peace of mind, the Battlecruise H50 Supplemental Road Hazard Limited Warranty covers eligible tires that become damaged or unusable for any reason resulting from a road hazard (e.g. cut, snag, bruise, impact or puncture). This warranty, given to promote goodwill, is a supplement to the Limited Warranty applicable to your tires.

Eligibility

For additional peace of mind, the Battlecruise H50 Supplemental Road Hazard Limited Warranty covers only the original purchaser. Proof of purchase is required in the form of an original invoice or receipt that must indicate the name of the purchaser, the purchase date, the vehicle mileage (odometer reading) at installation and the retailer's name and address. Only Bridgestone Battlecruise H50 tires are covered, and each must meet all the of the following criteria:

- It was purchased new through an authorized retailer.
- It was used only on the vehicle on which it was originally installed.
- It meets or exceeds the vehicle manufacturer recommendations for size, load capacity, and speed rating.
- It was mounted to a properly-sized wheel.

The coverage period starts with the date the tires are purchased and extends for a duration of up to one of the following, whichever occurs first:

- A. The first 1/32 of tread wear or
- B. 12 months from date of purchase

replacement price, the dealer will multiply the current dealer selling price of the tire (in effect at the time of adjustment) by 50%. The cost of mounting, balancing, and other service charges, disposal fees, or applicable taxes are payable by the consumer. A CASH REFUND WILL NOT BE OFFERED IN LIEU OF THE ABOVE.

Where To Go for Replacement

If the tire was fitted as original equipment, it should be presented to the retailer from whom the motorcycle was purchased. With the exception of mail order tires, tires that were not fitted as original equipment may be presented to any authorized Bridgestone retailer. A mail order tire must be returned to the company from which it was ordered and the consumer must pay all associated shipping and handling costs.

Owner's Responsibilities

- A. Owner is responsible for proper tire care, and lawful and prudent motorcycle operation. Part of this responsibility is maintaining proper tire inflation pressure and load as recommended by motorcycle manufacturer and in accordance with restrictions molded on tire sidewalls. Inflation pressure should be checked frequently with a tire gauge and the tire should be regularly inspected for damage or irregular wear.
- B. Owner must present to any authorized Bridgestone motorcycle tire dealer or agent the tire for which he or she is seeking warranty consideration and proof of purchase. (Consult a telephone directory for the nearest authorized Bridgestone motorcycle tire dealer).
- C. Owner must pay all applicable dealer service charges and taxes.
- D. Owner must complete and sign the customer section of the Bridgestone Limited Warranty Form.
- E. The motorcycle on which the tire was equipped must also be available for inspection by an authorized dealer.
- F. Tires accepted for warranty compensation become the property of Bridgestone Americas Tire Operations, LLC.

Consumer Rights

This warranty gives consumers specific legal rights, and consumers may also have other rights, which vary from state to state.

Conditions and Exclusions

To the extent permitted by law, Bridgestone Americas Tire Operations, LLC disclaims all other warranties of merchantability and fitness for a particular purpose and any liability for incidental and consequential damages, loss of time or loss of vehicle use or inconvenience. Some states do not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to all consumers.

This Limited Warranty applies only to consumers actually using the tire in the United States. For warranty conditions outside the United States, see the local Bridgestone distributor. Obligations under this policy may not be enlarged or altered by anyone.

In accordance with Federal Law, this Limited Warranty has been designated as a "Limited Warranty."

Nothing in this Limited Warranty is intended to be a representation that tire failures cannot occur. This Limited Warranty is given in the United States by Bridgestone Americas Tire Operations, LLC, 200 Fourth Avenue South, Nashville, TN 37201.

For purchases in Canada, please see separate Warranty Brochure.

BATTLECRUISE H50 SUPPLEMENTAL ROAD HAZARD LIMITED WARRANTY

Limited Warranty

Not applicable to tires purchased in the state of New York.

For additional peace of mind, the Battlecruise H50 Supplemental Road Hazard Limited Warranty covers eligible tires that become damaged or unusable for any reason resulting from a road hazard (e.g. cut, snag, bruise, impact or puncture). This warranty, given to promote goodwill, is a supplement to the Limited Warranty applicable to your tires.

Eligibility

For additional peace of mind, the Battlecruise H50 Supplemental Road Hazard Limited Warranty covers only the original purchaser. Proof of purchase is required in the form of an original invoice or receipt that must indicate the name of the purchaser, the purchase date, the vehicle mileage (odometer reading) at installation and the retailer's name and address. Only Bridgestone Battlecruise H50 tires are covered, and each must meet all the of the following criteria:

- It was purchased new through an authorized retailer.
- It was used only on the vehicle on which it was originally installed.
- It meets or exceeds the vehicle manufacturer recommendations for size, load capacity, and speed rating.
- It was mounted to a properly-sized wheel.

The coverage period starts with the date the tires are purchased and extends for a duration of up to one of the following, whichever occurs first:

- A. The first 1/32 of tread wear or
- B. 12 months from date of purchase

MOTORCYCLE TIRE WARRANTY ADJUSTMENT PROCEDURE

Authorized Motorcycle Dealer

1. Rider/Customer presents the Bridgestone tire to motorcycle dealer explaining in detail the possible issue. Based on the Bridgestone Motorcycle Tire Limited Warranty, the dealer shall determine if the tire in question qualifies under the terms of the warranty.
2. If the tire is believed to be warrantable, the dealer must completely fill out an adjustment form. To request an adjustment form, contact distributor.
3. Mark the area of issue with a white or yellow grease crayon and note the adjustment form number along with a brief description of issue on sidewall and/or in a note attached to tire. (Keep a copy of all adjustment records.)
4. Return tire accompanied with the adjustment form and note describing issue to the servicing Bridgestone distributor.

NOTE: Please read the Limited Warranty carefully before accepting a tire for adjustment. Customer satisfaction decisions are at the dealer's expense.

Authorized Bridgestone Distributor

1. The distributor receives the Bridgestone tire along with the adjustment documentation from the dealer for warranty adjustment consideration. Dealers should contact their distributor for warranty processing and to order a replacement tire or to replace inventory.
 2. The distributor may return motorcycle tires, accompanied with adjustment documentation to the servicing Bridgestone Technical Service Center by freight collect. Prior approval from the Regional Technical Service Department MUST be obtained before shipping tires. Otherwise shipment will be rejected.
 3. After receipt of both the adjustment forms and tire(s), the Bridgestone Regional Technical Service Department will inspect each tire and verify its condition and qualifications for consideration under the applicable warranty. Tires determined to be adjustable will be processed for credit to the distributor.
 4. Upon approval by Bridgestone, the distributor's account will receive credit for the adjusted tires using the current price structure. If the tire was pro-rated, the distributor will receive credit for 50% of the current price. The distributor will also receive a handling commission for full and pro-rated adjustments.
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Important Note: Every care has been taken to ensure that all information in the 2019 edition of the Motorcycle Tire Data Book is accurate and up to date. Bridgestone Americas Tire Operations, LLC, their wholesalers and dealers cannot accept any responsibility for mistakes or omissions. The information in this catalog supersedes all previous Bridgestone Americas Tire Operations, LLC catalogs.

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***For technical assistance or warranty
adjustment questions, please call:***

1-800-847-3272 (USA)

1-800-267-1318 (CANADA)

Warranty information can be found at

www.BridgestoneMotorcycleTires.com



WARRANTY INFO

To start a warranty claim, please

email: consumeraffairs@dunlopmotorcycletires.com

or

call: (800) 845-8378

- **WHAT IS WARRANTIED**

- **ELIGIBILITY**
- **REPLACEMENT COSTS**
- **WHAT IS NOT COVERED**
- **OWNER OBLIGATIONS**
- **FOR REPLACEMENT CONSIDERATION**
- **LEGAL RIGHTS**

- **MODIFICATIONS**

WHAT IS WARRANTIED

Every new Dunlop motorcycle tire that becomes unserviceable within six years or 72 months of the date of manufacture for conditions other than those which are listed under "WHAT IS NOT COVERED" will be replaced on the basis specified under "REPLACEMENT COST" below.

ELIGIBILITY

This warranty is extended to the first retail purchaser of the tire or the motorcycle fitted with the original equipment.

REPLACEMENT COSTS**UP TO 50% WORN**

If during the first fifty percent (50%) of tread wear, the tire becomes unserviceable for a condition covered by this warranty, it will be replaced with a comparable new Dunlop tire. You pay only for retailer services, such as mounting and balancing.

AFTER 50% TREAD WEAR

If, after the first fifty percent (50%) of tread wear, the tire becomes unserviceable for a condition covered by this warranty, your Dunlop motorcycle tire retailer will replace it with a comparable new Dunlop tire at a cost calculated in the following manner:

1. Either your original buying price substantiated by invoice, or the retailer's current selling price, times (x)
2. Fifty percent (50%)
3. Plus (+) all applicable federal excise taxes, local taxes, and all charges for retailer services such as mounting and balancing.

A CASH REFUND WILL NOT BE EXTENDED IN LIEU OF THE ABOVE.

WHAT IS NOT COVERED

- Tires worn beyond the last one thirty-second of an inch (1/32") of original tread depth. Beyond this point, the tire has delivered its original tread life and there is no warranty regardless of its age or mileage.
- Tires submitted for unserviceability before wear-out (1/32" tread depth remaining), but more than 72 months after the week of manufacture as determined by the US Department of Transportation serial identification number.
- Tires submitted for nonuniformity or any ride-related condition that are worn beyond the first one thirty-second of an inch (1/32") of useable tread depth.
- Tires on motorcycles normally operated outside the U.S. and Canada.

- Tires used in racing, other competitions or in excess of legal speed limits.
- Highway-type tires used for off-the-road service or in any application not recommended by the motorcycle manufacturer.
- Tires used on motorcycles fitted with trailers.
- Claims made by anyone other than the first retail purchaser of the tire.
- Tubeless tires fitted without innertubes to rims requiring innertubes.
- Tires molded or branded “tube type” fitted without innertubes.
- Tires fitted with used, damaged, or incorrect size innertubes. Note: New replacement tires should always be fitted with new tubes for safety.
- Radial tires fitted with tubes not marked with matching size or radial (R) designation
- Tires improperly repaired, with section repairs, or whose sidewalls have been modified by the addition or removal of material. Tires that have been retreaded, regrooved, altered in the tread or any other area. The serviceability of any repaired/retreaded/altered tire is entirely the responsibility of the person making the repair or modification.
- Tires injected with dry/liquid balancers or sealants, or in which anything other than air has been used as the supporting medium.
- The consequences of new tires or repaired tires not being subjected to a proper “run-in/break-in”.
- Tires rendered unserviceable by road hazard–type damage such as impact breaks, punctures, cuts, or snags; or as a result of an obstruction on the motorcycle, fire, corrosives, running while flat, misalignment, improperly maintained balance, suspension deficiencies, improper inflation, overloading, improper mounting or rim fitment; or by spinning, as in mud, snow, sand, on ice or during on-the-motorcycle balancing or dynamometer testing.
- Ozone cracking/weather checking for tires treated with dressings or incompatible cleaning agents or submitted more than 48 months after manufacture.
- There is no warranty for any specific mileage achievement.

OWNER OBLIGATIONS

You are responsible for proper tire care, lawful and prudent motorcycle operation. Maintain tire inflation and load in accordance with motorcycle owner's manual, tire information, placard, and restrictions molded on the tire sidewalls. Check inflation pressure frequently with a tire gauge and inspect for damage or irregular wear.

FOR REPLACEMENT CONSIDERATION

- You should present the tire to the retailer from whom you bought the tire or if the Dunlop tire in question was fitted as original equipment, to the retailer from whom you bought the motorcycle. Except for mail-order tires, you may also submit your tire to any other retailer selling Dunlop motorcycle tires. Should you be unable to contact any of those retailers, please contact the Dunlop Motorcycle Tire Sales office at 800-845-8378.
- A mail order tire must be returned to the company from which you ordered it, and you must pay all associated shipping and handling costs.
- Except for tires that become unserviceable during the first 50% of tread wear, you must pay the previously specified 50% replacement cost.
- You must pay the difference in retailer's price for any more expensive replacement tire of different design.
- You must pay all applicable taxes and any charges for retailer services.

LEGAL RIGHTS

NO IMPLIED OR EXPRESS WARRANTIES, EITHER OF MERCHANTABILITY OR OTHERWISE, ARE EXTENDED BEYOND THE TIME WHEN THE TIRE HAS DELIVERED ITS ORIGINAL TREAD LIFE AS SHOWN BY TREAD WEAR TO ONE THIRTY-SECOND OF AN INCH (1/32"). EXCEPT FOR THE EXPRESS WARRANTIES SET FORTH IN THIS "LIMITED WARRANTY," ALL OTHER WARRANTIES, CONDITIONS, REPRESENTATIONS, PROMISES, GUARANTEES, COVENANTS OR COLLATERAL AGREEMENTS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, RELATING TO THE TIRE OR ANY SERVICES PROVIDED IN RELATION THERETO ARE EXCLUDED TO THE EXTENT PERMITTED BY LAW.

TO THE EXTENT PERMITTED BY LAW, DUNLOP SHALL NOT BE RESPONSIBLE FOR (1) ANY COMMERCIAL LOSS, (2) ANY DAMAGE TO, OR LOSS OF, PROPERTY OTHER THAN THE TIRE ITSELF, OR (3) ANY OTHER TYPE OF INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING FROM ANY CAUSE WHATSOEVER, INCLUDING NEGLIGENCE.

SOME STATES IN THE US DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE EXCLUSION OF INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

IN CANADA, LEGISLATION IN SOME PROVINCES PROVIDES FOR CERTAIN ADDITIONAL WARRANTIES OR REMEDIES OTHER THAN AS STATED HEREIN, AND TO THE EXTENT THAT THE SAME MAY NOT BE WAIVED, THE LIMITATIONS AND EXCLUSIONS SET ABOVE MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU ALSO MAY HAVE OTHER RIGHTS THAT VARY FROM PROVINCE TO PROVINCE.

MODIFICATIONS

No dealer, distributor, or representative has authority to make any statement, commitment, promise or agreement binding upon Dunlop, except as stated herein, or except for any statement made binding upon Dunlop by any applicable law.

Metzeler

Taken directly from the Web site <https://www.metzeler.com/en-us/aboutmetzeler/standard-warranty>

WHAT IS WARRANTED AND WHO IS ELIGIBLE UNDER THE WARRANTY?

Pirelli Tire LLC [Pirelli Tire North America (PTNA)], 100 Pirelli Drive, PO Box 700, Rome, GA 30161-7000, warrants to the original purchaser that all Metzeler brand Original Equipment and Replacement Motorcycle tires with a complete D.O.T. identification number and branded Metzeler, which are supplied by PTNA, either directly or through a Metzeler Dealer, and which are mounted on motorcycles within the U.S.A. and Canada will be free from defects in workmanship and materials.

WHAT IS THE ADJUSTMENT POLICY AND FOR HOW LONG?

Metzeler Motorcycle Tires are covered for the life of the tire. Street tire life is defined by the tread area of the tire having a tread depth of 1 mm (1/32") or more in the most worn area of the tire. Off road and/or Motocross tire life is defined by the tread area of the tire having a remaining tread depth of at least 20% of the original new tread depth. This warranty policy is extended to the motorcycles fitted as original equipment and/or the first retail purchaser of the tire in the U.S. and Canada with the original purchase invoice.

WHAT IS COVERED?

Tires that have manufacturing or material anomalies are covered under the warranty. Out of round with a total lateral or radial run out of more than 1.3 mm (2/32") or out of balance [more than 2.8 ounces (80 grams) on most tires, 3.5 ounces (100 grams) on larger-sized touring tires] are examples of justified ride-related warranty claims. Claims for non-uniformity or any ride related condition will be accepted within the first 0.5 mm (1/32") of tread wear.

WHAT IS NOT COVERED

- > Tires on any motorcycle registered and normally operated outside of the United States of America or Canada.
- > Tires transferred from the motorcycle on which they were originally installed.
- > Tires which are misapplied due to insufficient Speed Rating, Load Index, undersized or oversized tires.
- > Tires damaged from improper mounting/dismounting practices.
- > Tire dealer/retailer services (e.g., mounting, dismounting, balancing, and alignment).
- > Tires in which anything other than air or nitrogen has been used as the support medium.
- > Tires injected with liquid balancer or sealant or any other balancing material.

- > Tires which have been modified by the addition or removal of material or any tire intentionally altered to change its appearance.
- > Tires which had been repaired.
- > Tires which were retreaded, regrooved, or changed in pattern or profile.
- > Tires used in any type of racing or competitive event, which constitutes extreme use and voids all expressed and implied warranties.
- > Tires removed as a pair when only one tire can be claimed, or is suspect of a claim.
- > Ride related anomalies after the first 1/32" of treadwear.
- > Tires which become unserviceable because of tire operation in excess of tire/wheel manufacturers' specifications and recommendations, including spinning or brake locking. > Tires which have become unserviceable because of a mechanical irregularity such as misalignment, defective brakes, defective suspension, or improper rims.
- > Tires damaged by fire, chemical corrosion, vandalism, wrecks, theft, and run while flat, under inflated, over inflated, or abused during servicing.
- > Tires affected by flat spotting caused by improper transport or storage.
- > Tires that have become unserviceable because of road hazard injuries (e.g., nails, glass, metal objects) or other penetrations or snags, bruises or impact damage.
- > Tires with weather/ozone cracking which were purchased more than four years prior to presentation/inspection for adjustment. (If no proof of purchase date is available, the warranty will be four years from the DOT date.) > Claims for irregular wear or fast wear
- > Tires used on a vehicle towing a trailer.
- > Tires worn beyond the last 1 mm (1/32") of tread depth.

OWNER'S RESPONSIBILITIES

The owner/rider is responsible for proper tire care and maintenance. Maintain the correct tire pressure recommended by the motorcycle manufacturer by frequently checking the tire pressure with an accurate pressure gauge.

CAUTION

TO MAINTAIN MOTORCYCLE DYNAMICS AND LOAD CARRYING CAPACITY, REPLACEMENT TIRES MUST ALWAYS HAVE A LOAD INDEX AND SPEED RATING THAT COVERS THE MAXIMUM SPEED AND THE MAXIMUM WHEEL LOAD OF THE MOTORCYCLE.

THIS IS THE ONLY EXPRESS WARRANTY GIVEN BY PTNA, APPLICABLE TO METZELER BRAND ORIGINAL EQUIPMENT OR REPLACEMENT MOTORCYCLE TIRES. PTNA DOES NOT MAKE ANY OTHER EXPRESS WARRANTY OR ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. PTNA DOES NOT AUTHORIZE ANY OTHER PERSON, INCLUDING METZELER DEALERS OR MOTORCYCLE MANUFACTURERS, OR MOTORCYCLE DEALERS, TO CHANGE THIS WARRANTY OR CREATE ANY OTHER OBLIGATION IN CONNECTION WITH METZELER TIRES. PTNA WILL NOT DO ANYTHING OTHER THAN WHAT IS STATED IN THIS WARRANTY IF AN ANOMALY IS FOUND TO EXIST IN A METZELER ORIGINAL EQUIPMENT OR REPLACEMENT MOTORCYCLE TIRE. ALL OTHER REMEDIES ARE EXCLUDED, INCLUDING ANY OBLIGATION OR LIABILITY ON THE PART OF PTNA FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. (SUCH AS A LOSS OF USE OF MOTORCYCLE, LOSS OF TIME OR INCONVENIENCE) ARISING OUT OF AN ANOMALY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

HOW TO MAKE A WARRANTY CLAIM

OWNER: Take the bike (or tire/wheel only) to a local dealer for inspection/adjustment/replacement.

DEALER:

(A) If vibration related, check lateral and radial run-out, balance, and air pressure.

(B) If the tire is clearly out of specified tolerances replace the tire free of charge (labor not included) if the tread depth is more than 50% of the original tread depth.

If the tire has less than 50% of the original depth, charge the customer a 50% prorated amount based on the tire's original price.

(C) In US, contact Metzeler for assistance, and in Canada contact your Metzeler distributor.

REPLACEMENT COSTS

If a Metzeler tire is found to be warrantable during the first 50% of tread wear, it will be replaced by a similar model and size tire at no charge. After the first 50% of tread wear the tire will be prorated at a value of 50% off the consumer's current price up to the last 1 mm or the last 20% of an off road or MX tire tread. (Dealers will obtain warranty from their distributor, based on current dealer prices).

TIRE REGISTRATION

It is very important to register your tires with Metzeler as this allows us to contact you if necessary for a safety advisory or recall notice. The best way to register your tires is on-line via the on-line registration feature of the web site www.metzeler.com.

You can also ask your dealer at the time of purchase to fill in and mail a tire registration card, or you can contact us directly 877-202-4993 and we would happily mail one to you to fill out and return.

CONTACT INFORMATION

If further assistance or information is needed, please contact:

Metzeler Tire / Consumer Affairs Group | Monday through Friday 8:00 AM to 6:00 PM Eastern Standard Time | Call 877-202-4993

Michelin

MOTORCYCLE AND SCOOTER TIRE OWNER'S MANUAL AND LIMITED WARRANTY

P/N 98903-12 • DP1309 (Rev. 7/21)



► **MICHELIN® MOTORCYCLE AND SCOOTER TIRE LIMITED WARRANTY**

ABOUT THE LIMITED WARRANTIES AND OWNER'S MANUAL BOOKLET

As the original purchaser of a MICHELIN® brand motorcycle or scooter tire, you are covered by all the benefits and conditions

(subject to the maintenance recommendations and safety warnings) contained in this booklet. To ensure your understanding of and compliance with the terms and conditions of this warranty, please read it carefully. It is essential that you also read and understand the safety and maintenance recommendations for tires contained in this booklet.

DEFINITIONS

The "legal life of the tire" is six years from the date of purchase or the life of the "usable tread," which is defined as the original tread worn down to the level of the treadwear indicators - 1/32nds of an inch of tread remaining, whichever occurs first. The date of purchase is documented by a new vehicle registration or tire sales invoice. If no proof of purchase is available, the date of manufacture, as molded on the sidewall, will be used.

► 2

► **MICHELIN® MOTORCYCLE AND SCOOTER TIRE LIMITED WARRANTY**

WHAT IS NOT COVERED

Tires that become unserviceable due to:

- Road hazard injury. Curbing or spinning including, but not limited to, puncture, cut, impact break, bruise, bulge, snag, stone drill, etc.;
- Incorrect mounting or dismounting of the tire, tire/wheel imbalance or repair;
- Improper use or operation, including, but not limited to, improper inflation pressure, overload, use of an improper rim, vehicle misalignment, improper brake adjustment, worn suspension components, misuse, misapplication, negligence, accident or vandalism, chemical contamination, fire or other externally generated heat, water or other material entrapped inside the tire during mounting, tire alteration, racing or use in competition or other abuse;
- Flat spotting caused by improper storage or brake lock;
- The addition of liquid, solid or gaseous materials other than air, nitrogen or carbon dioxide (for example, water-base sealers or balancing substances);

▶ MICHELIN® MOTORCYCLE AND SCOOTER TIRE LIMITED WARRANTY

HOW REPLACEMENT CHARGES ARE CALCULATED

Workmanship/Materials Tread Depth Calculation: The tread depth of a tire is measured at the center-most groove of the tread where the treadwear indicator is located.

UP TO 50% WORN

A MICHELIN® motorcycle or scooter tire that becomes unusable due to a condition covered by this workmanship and materials limited warranty will be replaced with a comparable new MICHELIN® tire, free of charge, when the tire is within the first 50% of original usable tread depth wear. **The cost of mounting, balancing, and other service charges, disposal fees, or applicable taxes are payable by the consumer.**

AFTER 50% TREADWEAR

When more than 50% of the original usable tread depth wear is used, you must pay the cost of a comparable new MICHELIN® motorcycle or scooter tire on a pro rata basis. The

of time, loss of use of vehicle, inconvenience or consequential damage. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Tires presented for claim remain the property of the consumer and Michelin accepts no responsibility for loss of or damage to tires that are in the custody or control of a MICHELIN® tire retailer for the purpose of inspection for warranty adjustment. Tires accepted for claim become the property of Michelin North America, Inc. (MNA).

In the event of a disputed claim, the consumer must make the tire available for further inspection.

No MNA representative, employee or retailer has the authority to make or imply any representation, promise or agreement, which in any way varies the terms of this warranty.

These limited warranties apply only in the United States.

CONSUMER RIGHTS

This warranty gives the user specific legal rights, and the user may also have other rights that vary from state to state.

ARBITRATION CLAUSE

RESOLUTION OF DISPUTES

ALL CLAIMS ARISING FROM THIS LIMITED WARRANTY OR THE MARKETING, SALE OR PERFORMANCE OF THE PURCHASED PRODUCT AGAINST MICHELIN NORTH AMERICA, INC. AND ITS AGENTS, EMPLOYEES, DEALERS, AFFILIATES, PARENT OR SISTER CORPORATIONS, RELATED CORPORATE ENTITIES, PREDECESSORS, SUCCESSORS OR

ASSIGNS (HEREINAFTER COLLECTIVELY "MICHELIN") SHALL BE SUBJECT TO BINDING ARBITRATION. You and Michelin acknowledge your and its right to litigate claims, disputes and controversies arising out of or in connection with this limited warranty or the marketing, sale or performance of the purchased product in court, but prefer to resolve any such claims, disputes and controversies through arbitration and hereby waive the right to litigate such claims, disputes and controversies in court upon election of arbitration by either party. Therefore, you and Michelin agree that all claims, disputes, and controversies between you and Michelin arising out of or in connection with this limited warranty, or any other warranties, express or implied, including a failure of warranty, or any claims arising out of or in connection with the marketing, sale or performance of the purchased product, including

All arbitrations will be conducted as document hearings. Each party shall bear its own costs arising from and associated with the document hearing with the exception of the arbitrator's fee that will be borne by all parties in equal shares. If either party requests any procedures beyond a document hearing, the requesting party will be responsible for all fees, including filing and administrative fees, above and beyond the fees required for document hearings. Any award of the arbitrator(s) may be entered as a judgment and shall be enforceable in any court of competent jurisdiction. The arbitrators will have no authority to award punitive or other damages not measured by the prevailing party's actual damages, except as may be required by statute.

Information about arbitration may be obtained and claims may be filed at any office of the National Arbitration Forum or at P.O. Box 50191, Minneapolis, MN 55405.

TIRE DISABLEMENT SAFETY WARNING

Any tire may fail as a result of impact damage, improper inflation, overloading or other conditions resulting from use or misuse. Tire failures, such as a rapid air loss or a tread and belt detachment, may increase risk of injury or death and/or property damage. To reduce the risk of a tire failure, Michelin recommends you thoroughly read and follow the recommendations in the Michelin Tire Warranty Book, vehicle

owners manual, tire placard information, and tire sidewall information regarding safety warnings, proper tire use and maintenance.

DRIVING ON ANY TIRE THAT DOES NOT HAVE THE CORRECT INFLATION PRESSURE IS DANGEROUS

Any underinflated tire builds up excessive heat that may result in sudden tire destruction. If tires are supplied as original equipment, refer to the tire decal on the vehicle (check vehicle and/or vehicle owner's manual for decal location) for the recommended operating pressures. For replacement tires, the correct inflation pressure will be provided by your tire retailer; if not, refer to the vehicle decal.

These inflation pressures must be maintained as a minimum. However, do not exceed the maximum pressure rating indicated on the tire sidewall.

For high speed, fully loaded or dual riding routing motorcycle applications, inflate the front tire to the maximum pressure recommended by the vehicle manufacturer. For rear tires, inflate to the maximum load inflation pressure on the side-wall.

Never exceed the maximum load indicated on the tire sidewall or vehicle capacity load found in the owner's manual.

CHECK THE COLD INFLATION PRESSURES IN ALL YOUR TIRES AT LEAST ONCE EACH MONTH

Failure to maintain correct inflation may result in improper vehicle handling and may cause rapid and irregular tire wear, sudden tire destruction, loss of vehicle control and serious personal injury. Therefore, inflation pressures should be checked at least once each month and always prior to long distance trips.

Be sure that all valves have suitable (pressure retaining) valve caps. The valve cap is the primary seal against air loss.

UNDERINFLATION

It is impossible to determine whether tires are properly inflated by simply looking at them. It is almost impossible to "feel or hear" when a tire is being run underinflated or nearly flat. Tires must be checked monthly with a tire pressure gauge.

Pressures should be checked when tires are cold, in other words, before they have been driven on. Driving, even for a short distance, causes tires to heat up and air pressure to increase.

The energy released by such an explosion is sufficient to cause serious physical injury or death. Never allow anyone to stand near or behind the spinning tire. When in mud, sand, snow, ice or other slippery conditions, do not engage in excessive wheel spin. Accelerating the motor excessively may cause a drive tire that has lost traction to spin beyond its speed capability. This is also true when balancing a drive tire/ wheel assembly on the vehicle using the vehicle engine to spin the tire/wheel assembly.

HIGH SPEED DRIVING CAN BE DANGEROUS

Correct inflation pressure is especially important. However, at high speeds, even with the correct inflation pressure, a road hazard, for example, is more difficult to avoid and if contact is made, has a greater chance of causing tire damage than at a lower speed. Moreover, driving at high speed reduces the reaction time available to avoid accidents and bring your vehicle to a safe stop.

If you see any damage to a tire or wheel, replace the tire and visit a participating MICHELIN® Motorcycle/Scooter Tire Retailer at once. Exceeding the maximum speeds shown on the following chart for each type of MICHELIN® tire will cause

HAZARDS

Objects in the road, such as potholes, glass, metal, rocks, wood, debris and the like, can damage a tire and should be safely avoided. Unavoidable contact with such objects should prompt a thorough tire inspection. Any time you see any damage to a tire or wheel replace the tire and visit a participating MICHELIN® Motorcycle/Scooter Tire Retailer at once.

IMPACT DAMAGE

A tire impacted by a road hazard (curb, pothole, debris) may be damaged but not have visible signs of damage on its surface. A tire damaged by an impact may sustain a sudden failure a day, week, or even months later. You may not recall hitting an object that damaged or injured your tires. Air loss, unusual tire wear, localized wear or vibrations can also be signs of internal tire damage.

If you suspect any damage to your tire or wheel from an impact with a curb, pothole, debris on the road or any other road hazard, or if you feel or hear any unusual vibration, replace the tire immediately and visit any qualified tire technician.

INSPECTION

Always look for bulges, cracks, cuts, penetrations, and

TRAILER TOWING

Trailers may contribute to motorcycle instability, tire stresses and overload, causing irreversible damage resulting in sudden tire failure and accident. Michelin does not recommend the use of trailers nor warrant tires used on motorcycles fitted with trailers.

TIRE MIXING

To obtain optimum performance and handling, correct matching of front and rear tires is important. Therefore, mount only tires for "Front" on the front wheel positions and only tires for "Rear" on the rear wheel positions. A new front tire with a worn rear tire can cause instability in the vehicle. Always follow the motorcycle or scooter manufacturer's

recommendations when choosing radial or bias tires. Mixing the two may adversely affect the handling and stability, unless recommended by the vehicle manufacturer. To maximize grip, maneuverability, handling and comfort, motorcycle tires should be replaced as a pair. Michelin tires have been engineered to deliver optimum performance as a matched front/rear pair.

TIRE ALTERATIONS

Do not make or allow to be made any alterations on your

Michelin has specific recommended conditions for the storage, selection, mounting, inflation, pressure, use, monitoring and maintenance of its tires. The conditions stated by Michelin, shall be adhered to by the Customer. The Customer shall be under a duty to inform users and its own Customers of said conditions.

Our Customers should also train their employees, who are involved in placing our products with the end users, about Michelin's tire recommendations. If in doubt, we invite you to consult our technical documentation or one of our technicians, or ultimately, our web site at www.MichelinMotorcycle.com.

STORAGE

Tires contain waxes and emollients to protect their outer surfaces from ozone and weather checking. As the tire rolls and flexes, the waxes and emollients continually migrate to the surface, replenishing this protection throughout the normal use of the tire. Consequently, when tires sit outdoors, unused for long periods of time (a month or more) their surfaces become dry and more susceptible to ozone and weather checking and the casing becomes susceptible to flat spotting.

Your tires should be mounted on wheels of correct size and type and which are in good, clean condition. Wheels that are bent, chipped, rusted (steel wheels) or corroded (alloy wheels) may cause tire damage. The inside of the tire must be free from foreign material. Have your retailer check the wheels before mounting new tires. Mismatched tires and rims can explode during mounting. Also, mismatched tires and rims can result in dangerous tire failure on the road. If a tire is mounted by error on the wrong-sized rim, do not remount it on the proper rim – scrap it. It may have been damaged internally (which is not externally visible) by having been dangerously stretched and could fail on the highway.

It is recommended that you have your tires and wheels balanced. Tires and wheels that are not balanced may cause steering difficulties, a bumpy ride, and irregular tire wear.

Be sure that all your valves have suitable (pressure retaining) valve caps. The valve cap is the primary seal against air loss.

MAINTAINING CLEARANCE

If you intend to mount sizes other than indicated in your motorcycle or scooter owner's manual you should consult the manufacturer. Clearance of fenders, swing arm, etc., must be

READING THE DOT

DOT XXXX XXXX XXX (prior to August 2000) DOT XXXX XXXX XXX ◀ (1990–1999) DOT XXXX XXXX XXXX (after July 2000)

THE DOT

The "DOT" symbol certifies tire manufacturer's compliance with U.S. Department of Transportation tire safety standards. Next to the symbol is the tire identification or "serial number."

The first two characters identify the plant where the tire was manufactured. The next two characters reflect the tire size. The following one to four digits may be used at the tire manufacturer's option as a descriptive code. The last three characters are numbers identifying the week and year of manufacture. (Example: "025" means the second week of the year of decade, e.g.: 1995, 1985, etc.) From 1990–1999, Michelin brand tires are marked with a triangle pointing to the last three numeric characters. For tires produced after July 2000, four digits are used. (Example: "0201" signifies the second week of 2001.) If the last digits of your DOT number contain three numeric characters and are not marked with a triangle, consult a qualified tire technician to determine the year of manufacture.

FAILURE TO OBSERVE ANY OF THE RECOMMENDED PRECAUTIONS CONTAINED IN THIS OWNER'S MANUAL CAN LEAD TO ERRATIC VEHICLE BEHAVIOR AND/OR TIRE DAMAGE, POSSIBLY RESULTING IN AN ACCIDENT.

If you see any damage to your tires or wheels, contact your local participating MICHELIN® Motorcycle/Scooter tire

retailer. If further assistance is required, contact the Michelin Consumer Care Department: 1-800-847-3435

or write:

Michelin North America, Inc. Attention: Consumer Care Department Post Office Box 19001
Greenville, SC 29602-9001 or visit:

<https://michelinman.com/motorcycle>

ORIGINAL OWNER/TIRE INSTALLATION INFORMATION *To be completed at time of purchase*

Date of Purchase: _____	Odometer reading when tires installed: _____
Customer Information:	Tire Size/Design (front): _____
Name: _____	Recommended Front Tire Pressure: _____ PSI
Address: _____	Tire Size/Design (rear): _____
City: _____	Recommended Rear Tire Pressure: _____ PSI
State/Prov.: _____ Zip/Post Code: _____	DOT Numbers: _____
Phone No.: _____	Tire #1: _____
Vehicle Information:	Tire #2: _____

Year: _____ Make/Model: _____

TIRE REMOVAL INFORMATION

Odometer reading when tires removed: _____	Date Removed: _____	Retailer Name: _____	Retailer Signature: _____
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P/N 98903-12 • DP1309 (Rev. 7/21)

Pirelli

PIRELLI ORIGINAL EQUIPMENT & REPLACEMENT LIMITED WARRANTY MOTORCYCLE TIRES

What Is Warranted and Who Is Eligible Under the Limited Warranty?

Pirelli Tire LLC (Pirelli), 100 Pirelli Drive, PO Box 700, Rome, GA 30161-7000, warrants to the original purchaser that all Pirelli Original Equipment and Replacement Motorcycle tires with a complete D.O.T. identification number and branded Pirelli, which are supplied by Pirelli, either directly or through an authorized Dealer, and which are mounted on motorcycles within the U.S.A. and Canada will be free from defects in workmanship and materials. The Pirelli Original Equipment & Replacement Limited Warranty is subject to periodic revision; see the Warranty section at www.us.pirelli.com for the latest version.

Tire Registration

Please request your dealer to register your replacement tires, provide you with a registration card, or go to www.us.pirelli.com to register your tires on line. In case of a tire recall, we can reach you only if we have your name and address. You must register your tires to be on our list.

What Is the Adjustment Policy and For How Long?

Pirelli motorcycle tires are covered by this warranty for the duration of the tire life as defined below. For street tires, the tire life is defined by the tread area of the tire having a tread depth of 1/32" (1 mm) or more. For Off road and Motocross, the tire life is defined by the tread area of the tire having a remaining tread depth of at least 20% of the original new tread depth.

This warranty is extended to the first retail purchaser of the tire(s) in the U.S.A and Canada with the original purchase invoice or to the original owner of the motorcycle on which Pirelli tires came mounted as Original Equipment. If a Pirelli tire becomes unserviceable due to workmanship or material anomalies during its normal service life and within the first 50% of tread life, the tire will be replaced with the same or comparable tire at no charge to the owner*. If a Pirelli tire becomes unserviceable due to workmanship or material anomalies after the first 50% of tread life, the owner must pay the cost for a comparable new Pirelli brand tire at a value of 50% of the dealer selling price*.

Ride related warranty claims must be submitted within the first 2/32" (1.6 mm) of wear or the first 1000 miles to be considered. If accepted they will be paid at 100% of the dealer selling price*.

***Note:** This Limited Warranty does not cover any associated service charges, including costs associated with mounting and balancing of the tire.

A tire has delivered its original usable tread life and is considered to be 100% worn when the treadwear indicators (1/32" tread remaining) become visible, regardless of age or mileage.

What Is Not Covered by the Limited Warranty?

- Tires on any motorcycle registered and normally operated outside the United States of America or Canada.
- Tires which are misapplied due to insufficient Speed Rating, or Load Index, or undersized or oversized tires. Tires which are misapplied due to improper mixing of radial and bias tires.
- Tires damaged from improper mounting/demounting practices, abuse, misuse, or neglect.
- Tire dealer / retailer services: mounting, dismounting, and balancing costs
- Tires in which anything other than air or nitrogen has been used as the support medium.
- Tires injected with liquid balancer or sealant or any other balancing material.
- Tires which have been modified by the addition or removal of material or any tire intentionally altered to change its appearance.
- Tires which have been retreaded or regrooved.
- Tires used in any form of racing or any high performance riding events including high performance riding schools/instruction and track day events.
- Tires removed as a pair when only one tire can be claimed, or is suspect of a claim.
- Ride related anomalies after the first 2/32" (1.6 mm) of treadwear.

- Tires which become unserviceable because of tire operation in excess of tire/ wheel manufacturers' specifications and recommendations, including spinning.
- Tires which become unserviceable because of a mechanical irregularity in the motorcycle such as misalignment, defective brakes, defective suspension parts or improper rims.
- Tires damaged by fire, chemical corrosion, vandalism, wrecks, theft, run while flat, underinflated, overinflated or abused during servicing.
- Tires affected by flat spotting caused by improper transport or storage.
- Tires which become unserviceable because of road hazard injuries (e.g., nails, glass, metal objects) or other penetrations or snags, bruises or impact damage.
- Tires which have been run on a dynamometer.
- Tires worn 100%, which is when any treadwear indicator (1/32" tread remaining) become visible regardless of age or mileage.
- Tires which develop surface cracks due to use in low ambient temperatures, except for race tires.
- Labor to install a replacement tire.
- Claims for irregular wear or fast wear.
- Tires used on a vehicle towing a trailer.

Owner's Responsibilities

The owner/rider is responsible for proper tire care and maintenance. Maintain the correct tire pressure recommended by frequently checking the tire pressure with an accurate pressure gauge. Using Pirelli's pressure suggestions based on load will improve tire life and your satisfaction with the tires.

CAUTION:

Please be aware that it is important to ensure that, before fitting the suggested tires, the fitting is allowed by the technical specifications of the motorcycle, the motorcycle manufacturer and the relevant homologations. Pirelli does not express any view as to the compatibility of the wheel/tire combination with the technical specifications for the chassis and motorcycle.

TO MAINTAIN MOTORCYCLE DYNAMICS AND LOAD CARRYING CAPACITY, REPLACEMENT TIRES MUST ALWAYS HAVE A LOAD INDEX AND SPEED RATING THAT EQUALS OR EXCEEDS THAT OF THE ORIGINAL EQUIPMENT TIRES OF THE MOTORCYCLE.

How to Make a Claim under This Warranty

To receive consideration for warranty coverage, tire(s) must be returned to any Pirelli authorized dealer. Pirelli's Tire Inspection Personnel will then make a determination regarding qualification for Workmanship and Materials coverage on tires.

When making a claim under the terms of this Limited Warranty, you must present the tire along with the proof of purchase to any authorized Pirelli Dealer. Once tires are returned to Pirelli by an authorized Pirelli dealer and credit has been issued,

submitted tires become the property of Pirelli. To locate an authorized Pirelli Dealer in your area, refer to the Dealer Locator at www.us.Pirelli.com.

Replacement Costs

If a Pirelli tire is found to have a warrantable condition, and has 50% or more of its original tread depth remaining, the consumer will be eligible for a 100% credit toward the purchase of a new Pirelli tire.

If a Pirelli tire is found to have a warrantable condition, and has less than 50% of its original tread depth remaining, but has not reached the treadwear indicators, the consumer will be eligible for a 50% credit toward the purchase of a new Pirelli tire.

THIS LIMITED WARRANTY IS THE ONLY EXPRESS WARRANTY GIVEN BY PIRELLI. PIRELLI DOES NOT MAKE ANY OTHER EXPRESS WARRANTY, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE (WHICH ARE EXPRESSLY DISCLAIMED). PIRELLI DOES NOT AUTHORIZE ANY OTHER PERSON, INCLUDING AUTHORIZED PIRELLI DEALERS OR MOTORCYCLE MANUFACTURERS, OR MOTORCYCLE DEALERS, TO CHANGE THIS WARRANTY OR CREATE ANY OTHER OBLIGATION IN CONNECTION WITH PIRELLI TIRES.

THE RIGHTS AND REMEDIES AVAILABLE ARE LIMITED TO THOSE RIGHTS AND REMEDIES STATED IN THIS LIMITED WARRANTY. ALL OTHER REMEDIES ARE EXCLUDED. IN NO EVENT SHALL PIRELLI BE RESPONSIBLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGE(S) IN CONNECTION WITH A PIRELLI TIRE, WHETHER FOR BREACH OF THIS LIMITED WARRANTY, OTHER CONTRACT BREACH, NEGLIGENCE OR OTHER TORT, OR STRICT LIABILITY THEORY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

If further assistance or information is needed regarding Pirelli tires please

contact: Pirelli Tire LLC

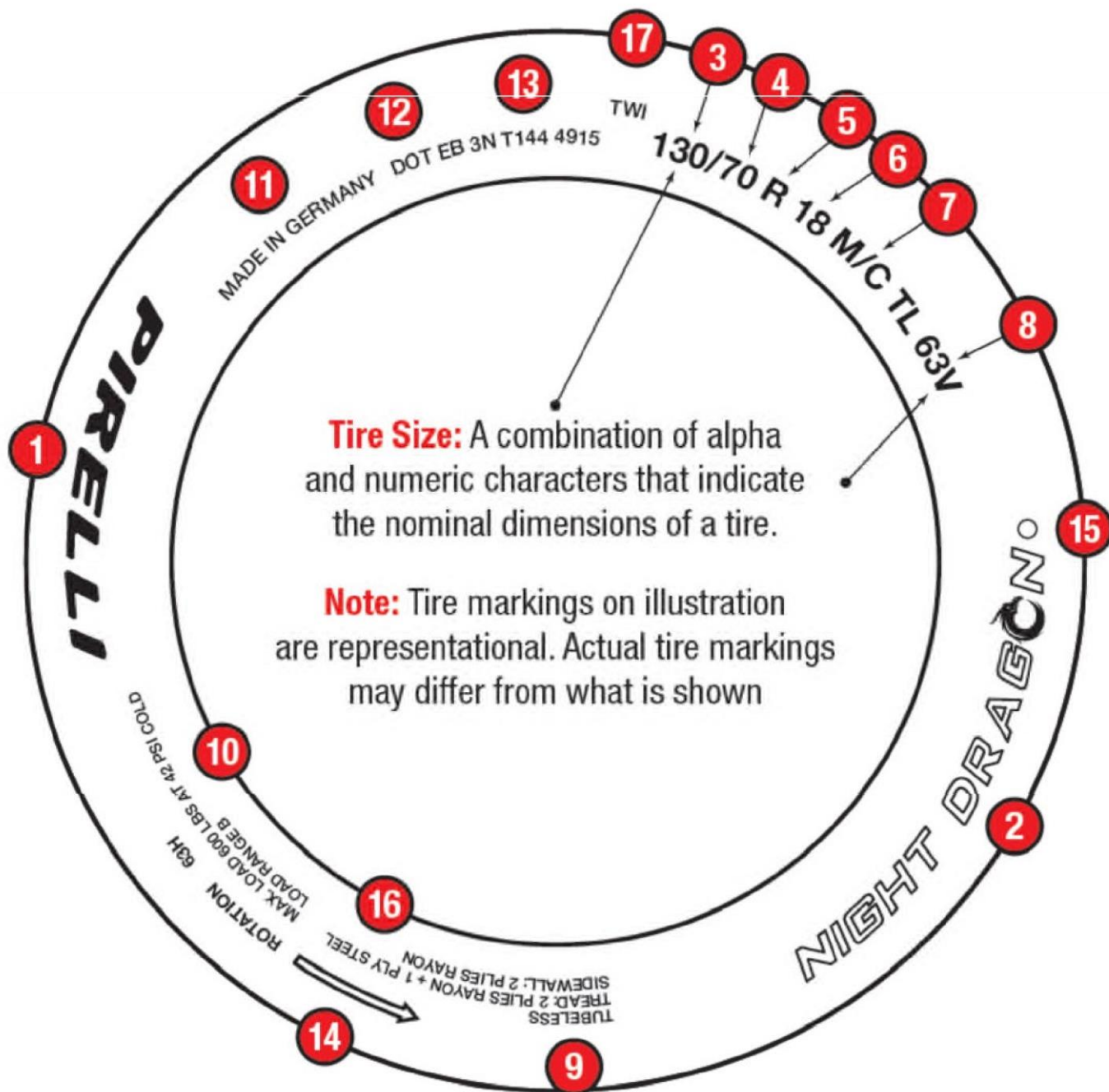
Consumer Affairs Group Monday through

Friday

8:00 AM to 6:00 PM Eastern Standard Time 1-800-

747-3554, option 2

TIRE CARE AND SERVICE



Tire Sidewall Markings

1. Brand name and registered trademark
2. Product line name
3. Nominal section width expressed in mm
4. Ratio between tire section height and the nominal section width, this ratio is not indicated when the section width is expressed in inches
5. Code for tire construction (- = Bias), (R = Radial), (B = Bias Belted)
6. "Motorcycle" in abbreviated form. Differentiates motorcycle tires and rims from those designed for other vehicles (shown on some models only)

7. Load Index Number, a numeric code which indicates the maximum load carrying capacity of a tire at the maximum cold inflation pressure. Speed Symbol, an alphabetic code which indicates the maximum speed at which the tire can carry a load corresponding to its Load Index when properly inflated. These two items together are known as the "Service Description".
8. Tubeless (TL)
9. Maximum load capacity tire expressed in pounds at the pressure indicated (psi)
10. Indicates the country in which the tire was produced
11. Abbreviation of "Department of Transportation"; the marking indicates that the tire conforms to the standards issued by the tire regulatory agencies of USA and Canada
12. Tire identification number; the last 3 or 4 numbers represent the date, 4915 denotes the tire was produced in the 49th week of 2015.
13. Arrow to indicate the direction of rotation of the tire according to the fitting position (front-rear)
14. Designates a special construction tire with a letter in the circle. I.E., C = a C Specification tire
15. Number of plies and material type in the tire
16. Location of Tread Wear Indicators

Load index: A numerical code indicating the maximum load carrying capacity of a tire at the maximum cold inflation pressure.

LOAD INDEX	LOAD Lbs.	LOAD INDEX	LOAD Lbs.	LOAD INDEX	LOAD Lbs.
45	363	46	374	47	386
49	408	50	414	51	430
53	454	54	467	55	481
57	507	58	520	59	536
61	567	62	584	63	600
65	639	66	661	67	677
69	716	70	739	71	761
73	805	74	827	75	853
77	908	78	937	79	963
81	1019	82	1047	83	1074
85	1135	86	1168	87	1202

Speed Symbol: an alphabetic code indicating the maximum speed at which the tire can carry a load corresponding to its Load Index when properly inflated.

SPEED SYMBOLS	J	L	M	P	Q	R	S	112	T	H	V	W	(W)
MPH	62	74	81	93	100	105		118	130	>149		168	>16

*For tires having a maximum speed capability above 149 mph, a “ZR” may appear in the size designation; above 168 mph, a “ZR” must appear in the size designation, including a “W” speed symbol in brackets.

Pressure Recommendations

Recommended tire inflation pressures for your motorcycle can be found either on your motorcycle’s tire placard or in your owner’s manual. Correct pressures are related to load, speed and motorcycle handling and are vital for even braking, maximum traction and good tire life. Under no circumstances should your tire’s cold inflation pressure be less than that indicated on your motorcycle’s tire placard or in your owner’s manual or higher than the maximum cold inflation pressure molded on to the tire’s sidewall. Under inflation causes excessive flexing, deterioration of the tire and rapid wear of the tread edges. Over inflation results in an uncomfortable ride, a reduced area of tire contact with the road surface (i.e., smaller tire footprint), higher susceptibility to impact damage and rapid wear on the tread center.

Whether inflated by air or nitrogen, regular inflation pressure maintenance remains critical and necessary. Use of nitrogen alone is not a replacement for regular inflation pressure maintenance.

WARNING: Riding on tires with improper inflation pressure is dangerous. These situations can cause a tire failure, including tread/belt separation, even at a later date, which could lead to an accident and serious personal injury or death.

Inflation pressure must be checked at least once a month and should be checked only when the tire is cold or before it has been ridden. Riding even a short distance, (1 mile or 2 to 3 minutes) causes tires to heat up and the air pressure to increase approximately 4 psi. In case it is necessary to adjust the air pressure in tires that have been ridden on, the air pressure should be increased to a gauge reading of 4 psi higher than the recommended cold inflation pressure.

For Example Only:

Gauge Reading of Hot Tire:	27 psi	Recommended Cold
Inflation Pressure:	26 psi	
Desired Gauge Reading of Hot Tire:	2	
6 psi + 4 psi = 30 psi Therefore:	A	
add 3 psi		

Check the cold inflation pressure on the tires, at least by the next day. Never reduce or “bleed” air from hot tires since your tires will then be underinflated when they cool down. Always use a reliable pressure gauge.

Pirelli has found these starting air pressures (based on load) in the table below work extremely well. However, running your tires near or at the maximum pressure in general use will increase mileage.

Cruiser/Touring Alpha Numeric Marked Tires (MH90-21, MT90B16, MU85B16)*

Front	Solo	Riding with 2	Riding 2 with extra load
MH90, MT90	36	38	40
Rear	Solo	Riding with 2	Riding 2 with extra load
MT90, MU85	38	40	40

Cruiser/Touring Tires*

Front	Solo	Riding with 2	Riding 2 with extra load
	36-38	38-40	40-42
Rear	Solo	Riding with 2	Riding 2 with extra load
	38-40	40-42	40-42
Rear (Tires marked with a 50 psi max on the sidewall)	Solo	Riding with 2	Riding 2 with extra load
	44-46	46-48	48-50

Track day, Sport, Supersport, Sport Touring bias ply or radial tires*

Front	Solo	Riding with 2	Riding 2 with extra load
	32-34	34-36	36-42
Rear	Solo	Riding with 2	Riding 2 with extra load
36-38		38-40	40-42

Dual Purpose (125cc-500cc)* Front load	Solo	Riding with 2	Riding 2 with extra load
	24-31	26-34	28-38
Rear	Solo	Riding with 2	Riding 2 with extra load
	27-36	29-37	31-40

Dual Purpose (501cc-749cc)* Front load	Solo	Riding with 2	Riding 2 with extra load
	24-34	26-36	28-38
Rear	Solo	Riding with 2	Riding 2 with extra load
	31-36	33-38	35-40

Dual Purpose (750cc & above)* Front load	Solo	Riding with 2	Riding 2 with extra load
	31-33	33-35	35-42
Rear	Solo	Riding with 2	Riding 2 with extra load
	35-37	37-39	39-42

*Never exceed the maximum psi as indicated on the sidewall of the tire

IF YOU HAVE QUESTIONS, CONSULT WITH YOUR PIRELLI DEALER, THE

PIRELLI MOTORCYCLE WEB SITE, OR MOTORCYCLE OWNERS MANUAL

Tire Inspection

As a minimum, tires should be examined and air pressure checked monthly and always prior to long trips. They should also be examined if you strike any unusual object on the road. Tires showing bulges, cracks, cuts, penetrations or uneven wear must be dismantled and examined by an authorized Pirelli tire dealer and replaced if necessary. Pirelli tires have treadwear indicators in the tread grooves, which clearly show when the tread has worn to 1/32" (1 mm) remaining. At this point, your tires must be replaced because they do not meet the federal minimum tread depth and dangerous.

The mere passage of time (age) does not cause tires to deteriorate, but rather exposure to outside forces. Such outside forces can include, but are not limited to: road hazards, punctures, improper repairs, misalignment, under inflated operation, over inflated operation, excessive heat caused by over deflected operation, excessive exposure to ozone, improper storage conditions, etc. Tire companies can only have an impact on a few of these exposures. Tire companies add antioxidants and anti-oxidants (anti-degradation compounds) to minimize degradation. Pirelli believes that since there is no way to accurately predict what outside forces a tire will be exposed to there is no scientifically supportable age limit that can be set for tires.

To avoid cosmetic damage, use a mild soap solution to clean sidewalls and rinse off with low- pressure tap water. Never apply cleaners or dressings to enhance sidewall appearance to avoid removal of antioxidants, which are intended to prevent ozone degradation. The removal of anti- oxidants may degrade the rubber and can lead to sidewall cracking. Use of high-pressure sprayers may cause sidewall damage.

WARNING: Driving on a damaged tire is dangerous, as the tire can suddenly fail, which can lead to an accident and serious personal injury or death.

Tire Storage

Tires storage areas should be cool (50° F ~ 70° F), dry, non-dusty, moderately well ventilated, and not in direct sunlight. It is vital that the tires do not come in contact with sources of heat i.e. radiators, hot pipes, etc. The tires should never be allowed to stand or come into contact with water or any other chemicals. Tires and tubes must be kept away from sources of ozone, i.e. electric motors and batteries being charged.

Run In

After fitting, the tire should not be used under maximum power or excessive cornering and not over 60 MPH for the first 200 miles to adjust the tire/rim assembly. After the run in period, speeds may be increased progressively (within legal speed limits and safe operating conditions). Be sure to check the air pressures during the run in process.

Tire Warm Up

After verifying the correct cold air pressures riders should take care and ride for a few miles to allow the tires to come up to operating temperatures so the tires provide the best grip for the current conditions.

Proper Clearance

Consult the motorcycle manufacturer if you intend to mount sizes other than that specified in the motorcycle owner's manual. Remember that physical dimensions of tires are important. Adequate clearance of fenders, swing arm, etc. must be maintained. Increasing tire size may require an increase in rim width. Rotate the wheel and inspect closely for sufficient clearance prior to operation.

Wheel Inspection

Damaged rims with any deformation or cracking should be replaced immediately. Bent rims may cause assembly wobble, bead unseating, and in the case of tubeless tires, gradual air loss. Sudden wheel failure may result from the use of cracked cast/forged wheels. NOTE: Not all cast/forged wheels, whether aluminum or magnesium, are suitable for tubeless tire fitment. Some rims require tubes. With a Pirelli or Pirelli tube inserted, a Pirelli tubeless tire may be fitted to a tube-type wheel.

WARNING: When mounting Pirelli tires never fit radial front tires in combination with bias ply rear tires. Tires marked Not for Highway Service (NHS) or for competition use should never be used on public roads. It is unsafe to install passenger tires on motorcycle rims. Motorcycle tires and corresponding motorcycle rims (typically marked with "M/C" and/or "M/T") are designed with a different bead seat diameter and flange contour than passenger car tires and rims. Consequently, any attempt to mount a passenger car tire on a motorcycle rim can cause an air loss or the beads to break with explosive force, resulting in possible serious physical injury or death. Tubeless tires suitable for assembly with a tube on a tube-type rim may be used on tube or tubeless rims but not for applications that exceed 120 mph.

Mounting Tips

- Check for a directional arrow on the tire. If present, mount the tire so that the arrow points in the direction of rotation.
- Mount the tire on a rim with the valve stem beside the red dot(s). If a red dot(s) is not marked on the sidewall of the tire (indicating the lightest point) the tire may be positioned at any point on the rim. These red dot(s) are designed to be used as a reference in balancing. We suggest balancing the tire and wheel as an assembly and to use the least amount of weight possible. This means that it may be necessary to move the red dots away from the valve stem to help the assembly use less weight.

- Clean and lubricate the bead with tire mounting lubricant or soapy water. Always clean the rim of all foreign matter. To seat the bead, remove the valve stem core and inflate the tire.
- Do not inflate to more than 40 psi pressure to seat the beads. Check the bead control lines for proper seating. Never stand, lean or reach over the assembly during inflation as serious injury could result. Reinstall the valve stem core and inflate to the recommended running pressure.
- Tubeless tires suitable for assembly with a tube on a tube-type rim may be used on tube or tubeless rims but not for applications that exceed 120 mph. When installing a tube in a tubeless tire do not tighten the valve system lock nut until it is seated and inflated to the proper riding pressure.
- Whenever you install a tube, care should be taken not to pinch the tube. Always dust the tube with talcum powder before installation in the tire.
- When fitting a new tubeless tire a new valve should be used for safety reasons. Under acceleration and braking and during continuous riding at elevated speeds the centrifugal forces can cause a rubber valve stem to bend. Because of this a short rubber valve stem or even better, a metal valve stem should be installed in the wheel. Please consult with the dealer or wheel manufacturer for the correct valve stem. The correct short valve core should be used in these applications. Short valve cores have a higher preload than the long ones.
- Always use a valve cap that features a rubber seal to help prevent air loss.
- Always balance the tire and wheel after installing a new tire.
- During use do not exceed the maximum load rating and maximum pressure as indicated on the tire's sidewall.
- When installing the tire onto a motorcycle, be sure to check clearances. The tire width and diameter of an indicated size may vary between brands and types.
- These tires are for use only on vehicles for which "motorcycle tires" were originally specified by the manufacturer. Any other use could be dangerous and unsafe.

Wheel Balancing

Always balance each tire and wheel assembly upon installation. Unbalanced tire/wheel assemblies can vibrate at various speeds, resulting in accelerated tire wear. Pirelli Street / dual purpose tires should be installed with the red dot(s) at the air valve. However these red dot(s) are designed to be used as a reference in balancing. We suggest balancing the tire and wheel as an assembly and to use the least amount of weight possible. This means that it may be necessary to move the red dots away from the valve stem to help the assembly use less weight. Pirelli does not recommend the use of liquid balancer, sealants, or any other balance materials because Pirelli has found that the method using traditional wheel weights provides the smoothest ride. Pirelli will not extend any warranty consideration for tires which have been injected with any type of liquid balancer, sealants, balancing beads, or any other balance materials. Tire and wheel assemblies should be balanced on a computer or static balance stand. Please check with your dealer/ wheel manufacturer for the correct wheel weights for each application.

Tube Information

NEVER reuse a tube. Motorcycle tubes flex and fatigue, always replace tires and tubes at the same time. Pirelli tubeless tires may be fitted with Metzeler or Pirelli tubes on standard tube type rims.

Pirelli tube type tires should **NEVER** be put into service without a tube (Pirelli or Metzeler tube). Pirelli tube type tires may be fitted with tubes to tubeless rims. Inspect the rim band and consult the motorcycle manufacturer for correct rim band replacement.

Available Tube Sizes

IP Code	Tube Description	IP Code	Tube Description
2252710	2.50-2.75-10 CMV	2108210	2.75-3.75-70/100-17 CMV
1469910	60/100-12 CMV	2108610	130-160/60-17 CMV
2552810	80/100-12 CMV	2552510	100-120/100-18 CMV NHS Heavy Duty
2598610	60/100-14 CMV	2107810	130/70-150/70-18 CMV (OE KTM)
2598510	90/100-14 CMV	2107910	3.00-3.75-90-100/80-17 CMV
2598510	90/100-16 CMV	2552610	100-110-19 CMV NHS Heavy Duty
2108910	3.00-3.50- 80-100/90-16 CMV	2108110	90/90-21 CMV (OE KTM)
		2596710	80/100-90/90-21 CMV NHS Heavy Duty

Tube Legend: CMV - Center Metal Valve NHS - Not Approved for Highway Use, Heavy Duty - Extra thick to fight pinch flats or punctures off road, but not DOT approved

Conditions For The Fitment Of Metzeler Or Pirelli Tubes In Pirelli Radial Tires

- Night Dragon, MT60 or Phantom Sportscomp tires are the only Pirelli V speed rated or above tires to be used with tubes.
- Use only Metzeler or Pirelli tubes with Pirelli tires.
- The maximum motorcycle speed permitted after the installation of Metzeler or Pirelli tubes in Pirelli tires is 120 mph.
- Existing tire and tube specifications of the motorcycle manufacturer must be maintained.
- Never repair a punctured/damaged tubeless tire with a tube or by other means.

Motorcycle Maintenance

Pirelli recommends regular inspection of the motorcycle paying particular attention to the wheels and tires. Tire mileage, balance of wear and performance are adversely affected by a poorly maintained motorcycle. Always bring the motorcycle to a dealer for regular inspection and maintenance checks. Always maintain the fork and suspension condition in strict compliance with the motorcycle owner's manual. Improperly maintained components (worn fork and shock inner parts) will put undo stress on the chassis and tires, and this will negatively affect stability.

Dynamometer Tests

Dynamometer use can put extreme stress to the rear tire and might cause internal tire damage. This type of use voids the warranty.

Rim Size

Consult the Pirelli Product Range Chart or contact the motorcycle manufacturer to ensure that the tires selected are correct for the rims. Correct rim width may be critical to handling and stability. A tire which is installed on a wider than recommended rim will have a "flattened" profile and a rider may easily reach the edge of the tread during cornering. A narrow rim will alter the tire profile, with a smaller contact patch during braking. Fitment to these alternative rims may result in slippage or air loss. Please note: tire clearances are important.

Note: Harley-Davidson 18" & 19" CM contour rims are not compatible with Pirelli tires. Consult Pirelli or your Harley-Davidson dealer if in doubt and before fitting pre 1977 Harley-Davidson motorcycles.

American V-Twin / Metric Upgrades

Pirelli always wants to give their customers a wider selection of tire fitment for their motorcycles. Each year Pirelli visits the test track with the popular Metric and V-Twin cruisers to verify that upgrade tires are suitable for these motorcycles. Hundreds of hours of actual riding and testing these fitments make us unique in the motorcycle tire industry and allow you full confidence in upgrading your bike.

To find a complete listing of American V-Twin Upgrade Options please refer to the Pirelli DEALER / CONSUMER information booklet or visit www.us.Pirelli.com.

STAGE 1 UPGRADE INFORMATION STAGE 1 UPGRADE:

The Pirelli Stage 1 Upgrade helps you improve the ride, handling, and looks without modifying your bike. The stage 1 upgrade is a true bolt on upgrade for everyone. An example would be a larger ME 880/ME 888 rear tire on the OEM size wheel with no modifications to the motorcycle.

STAGE 2 UPGRADE:

The Pirelli Stage 2 upgrade requires modification to your motorcycle's wheels, fenders, spacers and the purchase of other small products to achieve the look and ride desired. These changes may require modifications to your brake stayarm or exhaust mounts. Clearances must be verified by installer/consumer. An example would be a larger ME 880/ME 888 front or rear tire on the OEM size wheel, or a different diameter wheel. Please note, these changes may require modifications to the motorcycle, such as to the brake-stay arm, exhaust mounts, etc.

STAGE 3 UPGRADE:

Modifications begin with the swing arm; typically the purchase of a wide tire swing arm kit is necessary. This upgrade also requires new wheels, fenders and tires, but it will provide you the maximum effect in terms of upgrading the looks of your bike. Handling and performance remain at the high standards you have become accustomed to from other Pirelli tires.

Pirelli Sport Bike / Sport Touring Options

Pirelli knows that different riders have different priorities, even though they may ride the same model of motorcycle. With that thought in mind, we have listed not only our suggested fitment, but we have also added other options that allow you to choose a tire which closely matches your riding needs.

These categories are shown in our product literature.

SPORT: Best for a more aggressive riding style such as canyon roads etc.

SPORT TOURING: Best for high priority in great all-weather performance with better mileage than a sport tire

TRACK DAY: Optimal for use during track day events

Pirelli Dual Purpose Options

Pirelli knows that dual purpose riders like to use their motorcycles in various riding environments. With that thought in mind, we have listed not only our suggested fitment, but we have also added another option that will allow you to choose a tire which closely matches your riding needs.

Since the street tires and off-road tires have different speed ratings, the speed rating of the tire must be respected when riding with that tire type.

Important Notice Regarding Tire Upgrades

Pirelli allows builders and owners to mix radial rear tires and bias ply front tires when the following conditions are met.

All Pirelli tires must be used on the proper permissible rim size, please refer to Dealer/Consumer Informational Book to verify the correct rim size and tire fitment.

- Mixing radial rear tires and bias ply front tires is allowed only when fitting a stock Harley-Davidson with the proper custom width wheels for the tire application.
- FITTING RADIAL FRONT TIRES IN COMBINATION WITH BIAS PLY REAR TIRES IS NEVER ALLOWED
- Pirelli tubeless tires may be fitted with Pirelli or Metzeler tubes. Pirelli tube type tires should NEVER be put into service without a Pirelli or Metzeler tube.
- Any replacement tires which differ in size from those fitted by the motorcycle manufacturer as Original Equipment must have a Load Index

and Speed Rating equal to or greater than that of the Original Equipment tires.

Safety Warnings

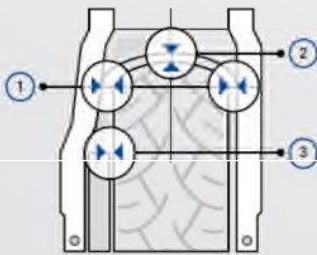
Some motorcycle models can come from the manufacturer with either street oriented tires or trail oriented tires. The street oriented tires typically will have a higher speed capability than the trail oriented tires. If the street oriented tires are replaced by the trail oriented tires, the motorcycle's top speed will then be limited to the speed rating of the trail tires. A warning sticker advising of the lower speed rating should be affixed to the motorcycle where it is readily visible to the driver. For any questions, consult with the motorcycle manufacturer.

Fitting Information

Consult the Pirelli Product Range Chart or contact the motorcycle manufacturer to ensure that the tires selected are correct for the rims. The correct rim width may be critical to handling and stability. A tire which is installed on a wider than recommended rim will have a "flattened" profile and a rider may easily reach the edge of the tread during cornering. A narrow rim will alter the tire profile, with a smaller contact patch during braking. Remember tire clearances are important. Changes to your frame and suspension could alter the handling characteristic of your motorcycle and cause clearance problems. Some upgrade sizes will have increased grip due to softer compounds, and mileage could be less than standard fitment (180/55-18, 200/50-18, 200/60-16, 240/40-18, 260/40R18, 280/35R18)

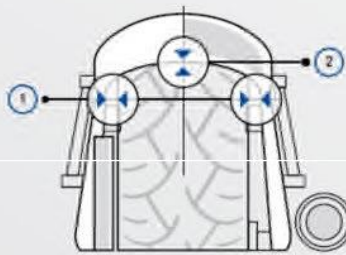
While every effort has been taken during the testing of these motorcycles, Pirelli cannot guarantee that modifications will not be necessary to fit these oversized tires on your model of motorcycle. Visit the Fitment Guide and Technical area for complete information on specific motorcycles.

Measurement Information



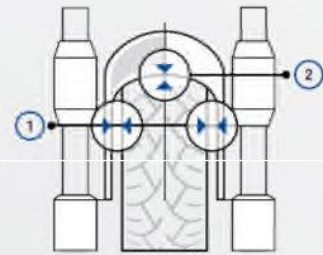
SWINGARM MEASUREMENTS

- 1 Lateral Measurement Tire to fender clearance: Minimum .25"
- 2 Radial Measurement Tire to under fender clearance for steel-belted radials: Minimum .25"
All other tires require Minimum .50"
- 3 Lateral Measurement Tire to transmission belt clearance: Minimum .25"



REAR WHEEL MEASUREMENTS

- 1 Lateral Measurement Tire to fender clearance: Minimum .25"
- 2 Radial Measurement Tire to under fender clearance for steel-belted radials: Minimum .25" - All other tires require a Minimum .50"



FRONT WHEEL MEASUREMENTS

- 1 Lateral Measurement Tire to fender clearance: Minimum .25"
- 2 Radial Measurement Tire to under fender clearance: Minimum .50"

Conversion Information

- To convert (mm) to inches: Divide by 25.4. (e.g. 190 mm/25.4=7.48").

- All Street/Dual Purpose tires are tubeless unless otherwise specified TT = Tube Type
- For dimensions on other size rims allow approximately 5 mm for each 1/2" difference in rim width. (e.g. Sportec M3 180/55ZR17 on a 5.5" rim is 178 mm wide, on a 6.00 rim " is 183 mm wide.)
- To convert Tread Depth to 32nd's, multiply (mm) by 1.2598.
- To convert diameter to circumference multiply (inch) by 3.14

Size

Size may be indicated in inches, metric, or by letters (alpha). The chart below shows the approximate comparison of the different size indications.

INCH:	2.75/ 3.25	3.50	3.75/	4.25/	5.00/	5.50	6.00
	3.00		4.00	4.50	5.10		
METRIC:	80	90	100	110	120	130	140 150
ALPHA:	MH	MJ	MM	MN/MP	MR	MT	MU MV

While every effort has been taken with the production of this brochure and the information herein, Pirelli accepts no liability for loss or damage resulting from errors or omissions.

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Motorcycle Tires

Motorcycle Tire Warranty

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Motorcycle Tire Limited Warranty and Adjustment Policy

1. Eligibility – Warranty Not Transferable; Original Equipment Tires

This Limited Warranty and Adjustment Policy is made only to original retail purchasers of Continental motorcycle tires and is not transferable. The original retail purchaser of a new motorcycle equipped with new Continental tires will be considered to be the original retail purchaser of such tires. The warranty period with respect to such tires will begin on the date such motorcycle is delivered to such purchaser.

2. What is the Adjustment Policy and How Long is it Applicable?

a) Basic Coverage:

Subject to the Warranty Conditions listed below, Continental warrants to the original retail purchaser that every new Continental motorcycle tire bearing the Continental name and serial number sold by an authorized United States or Canadian motorcycle tire dealer or motorcycle manufacturer and used in the United States or Canada will be free from defects in material and workmanship without time or mileage limitation. If a warrantable condition is present, a new replacement tire will be provided free of charge or at reduced price based on percentage of tread wear remaining.

This warranty is limited, however, to the following:

If a defect in material or workmanship appears in any such tire under normal use and service, and the tire is presented to any authorized Continental motorcycle tire dealer in the United States or Canada, the dealer, upon presentation of proof of purchase, will replace the tire free of charge with a new Continental motorcycle tire of the same

type, provided such delivery and presentation to the dealer is made before the original tread depth of the tire is worn more than 50%. If such delivery and presentation to the dealer is made after the original tread depth is worn more than 50% and before the tire has been worn down to the level of the treadwear indicators (showing that the final 1/32nd of an inch or less remains, at which point the tire is considered to be worn out), the dealer will provide such purchaser with a new Continental motorcycle tire of the same type at one half of the dealer's then current retail selling price for such tire. However, no such replacement or price reduction will be made with respect to any tire claimed to be out of round, unless such delivery and presentation to the dealer is made before the original tread depth of the tire is worn 1/32nd of an inch or less. Moreover, no such replacement or price reduction will be made with respect to cosmetic defects in any tire labeled "Blem".

b) Warranty Conditions - In Order for this Limited Warranty to Apply:

- ° If the tire is either a tube type tire or a tubeless type tire used on a rim requiring an inner tube, the tire must be fitted with a new, undamaged inner tube of the correct size.
- ° The tire or tube must not be affected by any road hazard, e.g., cut, bruise, puncture, snag or impact break, whether repairable or not.
- ° The tire or tube must not be affected by accident, fire, vandalism, abuse, misuse, internal or external chemical deterioration, corrosion or unusual operating conditions.
- ° The tire or tube must be the size specified by the motorcycle manufacturer for the motorcycle, or an equivalent replacement size, and must be properly mounted, balanced and fitted to the rim.
- ° The tire or tube must not be modified by the addition or removal of material or repaired.
- ° The tire or tube must not be overloaded, run flat or run overinflated or underinflated.
- ° The tire or tube must not be prematurely worn or damaged by any obstruction on or defect in any part of the motorcycle, or by wheel misalignment or spinning, as in mud or sand, on ice or during balancing.
- ° Liquid balancers or sealants, or any substance other than air, must not be used at any time as the sustaining agency in the tire or tube.

- ° The tire or tube must not be used for off-the-road purposes or in activities not recommended by the motorcycle manufacturer.
- ° The tire or tube must not be used on a motorcycle driven for racing or competition or above recommended speeds.

c) Consequential Damages Excluded

TO THE EXTENT PERMITTED BY LAW, CONTINENTAL DISCLAIMS LIABILITY FOR ALL CONSEQUENTIAL AND INCIDENTAL DAMAGES. THE REMEDIES SET FORTH IN THIS LIMITED WARRANTY ARE THE SOLE AND EXCLUSIVE REMEDIES FOR BREACH OF WARRANTY. SOME U.S. STATES AND/OR CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM U.S. STATE TO STATE OR CANADIAN PROVINCE TO PROVINCE.

3. Owner's Obligations

Purchaser Required to Pay for Dealer Services and Taxes: The cost of mounting, balancing and any other charges made by the dealer in connection with the replacement of the tire are required to be paid by the purchaser. The purchaser is also required to pay all applicable state and local taxes.

4. Final Recommendations/Safety Warning

- ° Replace all tires which show the treadwear indicators, meaning the tire is worn to the last 1/32nd of an inch. These "bald" tires are dangerous, especially on wet roads.
- ° Inspect your tires frequently for scrapes, bulges, separations, punctures, cracks, cuts, snags, or foreign objects embedded in your tires, and other damage from road hazards. Damage from impact can occur to the inner portions of your tire without being visible to the outside. If you suspect a tire has been damaged from striking anything unusual in the road, you must have the tire removed from the rim and inspected both inside and out by a trained tire specialist. Air loss or unusual tire wear can also be warning signs that a tire may have internal damage. If you notice

these conditions, have your tire inspected by a Continental motorcycle tire dealer at once.

° Tire failure due to under inflation/overloading – follow the owner’s manual of your vehicle for proper inflation and loading.
1830 MacMillan Park Drive Fort Mill, SC 29707

° Above all, ride sensibly. Fast starts, sudden stops and hard cornering will reduce the mileage you obtain from your tires. ° Ignoring any of the safety and information contained in this limited warranty and adjustment policy may result in tire failure, causing serious injury or death.

No Other Warranties Made

THIS IS THE ONLY EXPRESS WARRANTY MADE BY CONTINENTAL. THIS LIMITED WARRANTY AND ADJUSTMENT POLICY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND CONTINENTAL EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SOME U.S. STATES AND/OR CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE MAY NOT APPLY TO YOU. NO CONTINENTAL EMPLOYEE, RETAILER, OR DEALER HAS THE AUTHORITY TO MAKE ANY WARRANTY, REPRESENTATION, PROMISE OR AGREEMENT ON BEHALF OF CONTINENTAL EXCEPT AS EXPRESSLY WRITTEN IN THIS THIS LIMITED WARRANTY AND ADJUSTMENT POLICY. THIS LIMITED WARRANTY AND ADJUSTMENT POLICY IS NOT A WARRANTY THAT YOUR TIRE WILL NOT FAIL OR BECOME UNSERVICABLE IF NEGLECTED OR MISTREATED.

Tire Registration

The registration of Continental brand tires is an important safety precaution. Registration will allow Continental to notify the owner in the event of a product return program. Owner’s authorized Continental brand tire dealer will provide a Continental brand registration card with the D.O.T. tire identification number recorded, along with the authorized Continental brand tire dealer’s name and address. Owner is required to fill in his or her name and address, affix a stamp to the preaddressed card, and mail the Continental

brand registration card. Tire registration may also be completed online at <https://register.cimstireregistration.com/?id=continental>.

Warranty Information

Warranty information may be obtained by writing or calling the address or phone number below.

Continental Tire the Americas, LLC
P.O. Box 5000
Fort Mill, SC 29716 Tel: 1-
800-847-3349



Maxxis produces high-quality motorcycle/ATV tires and tubes, and warrants to the original retail purchaser with proof of purchase documentation that the tire will be free from defect in material and workmanship.

Limited Warranty on Materials and Workmanship During First 50% of Treadwear

Limited Warranty coverage applies for four years from the manufacture date. Should a MAXXIS motorcycle/ATV tire be determined unserviceable by an authorized dealer/distributor due to a condition other than one listed in the "WHAT IS NOT COVERED" section of this warranty, the tire will be replaced with the same or comparable new MAXXIS tire at no charge (other than labor and taxes) during the first 50% of treadwear. PURCHASER IS REQUIRED TO PAY ALL LABOR COSTS INCURRED IN MOUNTING AND BALANCING THE TIRE IN ADDITION TO ALL APPLICABLE TAXES. Ride, balance, out-of-round tires and vibration complaints after the first 2/32nds of treadwear will not be covered.

After First 50% of Treadwear

Limited Warranty coverage applies for four years from the manufacture date. After the first 50% of treadwear, should a MAXXIS motorcycle/ATV tire be determined unserviceable by an authorized dealer/distributor due to a condition other than those listed in the "WHAT IS NOT COVERED" section of this booklet, you will receive a replacement prorated credit toward the purchase of a comparable new MAXXIS tire equal to the percentage of usable tread remaining. Usable tread does not include the last 2/32nds of tread depth. YOU ARE REQUIRED TO PAY ALL LABOR COSTS INCURRED IN MOUNTING AND BALANCING THE TIRE IN ADDITION TO ALL APPLICABLE TAXES.

What Is Not Covered: (including but not limited to)

- Tires rendered unserviceable by road hazard-type damage such as impact breaks, punctures, cuts or snags; or as a result of an obstruction on the motorcycle/ATV, fire, corrosives, running while flat, misalignment, improperly maintained balance, suspension, deficiencies, improper inflation, overloading, improper mounting or rim fitment; or by spinning, as in mud, snow, sand, on ice or during on-the-motorcycle/ATV balancing or dynamometer testing.
- For tires worn beyond the serviceable original tread depth (as determined at the reasonable discretion of Maxxis) there is no warranty regardless of the tire's age or mileage.
- Tires on motorcycles/ATVs operated outside the U.S. and Canada.
- Tires used for racing or other competition events.
- Tires purchased from someone other than: a Maxxis dealer/distributor or Maxxis e-store.
- Tires used in any application not recommended by the motorcycle/ATV manufacturer.
- Tires used on motorcycles fitted with trailers.
- Tires designated front or rear used in a position other than their designated position.
- Claims made by anyone other than the first retail purchaser of the tire.
- Tires improperly repaired, with section repairs, or that have been modified by the addition or removal of material.
- Tires injected with dry/liquid balancers or sealants, or in which anything other than air has been used as the support medium.
- Ozone cracking/weather checking for tires treated with dressings or incompatible cleaning agents or submitted more than four years after manufacture.

Warranty Disclaimer: Except as stated above and unless otherwise provided by law, there is no warranty of merchantability or of fitness for a particular purpose or any other warranty, express or implied.

Limitation of Liability: In no event shall Maxxis be liable for any incidental, indirect, special or consequential damages or liabilities (including but not limited to incidental or consequential damages for loss of time, inconvenience, loss of use of vehicle, or any other consequential or incidental loss) in connection with the purchase, use, or operation of the tire, whether due to a breach of warranty, breach of contract or otherwise.

Maxxis ATV tires are original equipment (OE) on various models of many brands, including Yamaha, Polaris, Can-Am, Arctic Cat, Kawasaki, and Honda. For warranty and claim information on Maxxis OE tires, please contact your ATV's manufacturer or an OE-authorized dealer.

Warranty Return Freight Information:

If Purchaser's warranty claim is accepted, Maxxis will ship replacement tire(s) to Purchaser freight prepaid by Maxxis. If an exact replacement is not available, Maxxis will coordinate with Purchaser to find comparable replacement tire(s). However, if warranty claim is not accepted, tire(s) sent to MTC for inspection will be returned upon request freight **prepaid by Purchaser**. If Maxxis does not receive a request for return or prepaid freight within 30 days of claim decision, Maxxis will dispose of the tire(s).

