



*Owner's Manual*  
*Passenger and Light Truck*  
*Replacement Tire Limited Warranty*  
*Registration Cards*  
*Safety Tips*

*Be sure to register your new BFGoodrich® tires at  
[bfgoodrichtires.com/register](http://bfgoodrichtires.com/register). While you're at it, get racing &  
driver updates, product information, special offers and more at  
[bfgoodrichtires.com](http://bfgoodrichtires.com)*

Please be sure to visit [bfgoodrichtires.com/register](http://bfgoodrichtires.com/register) to find out how and why to register your new replacement tires. While you are on the site, get racing and driver updates, product information, special offers and more at [bfgoodrichtires.com](http://bfgoodrichtires.com).

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Thank you for choosing BFGoodrich® tires. With proper tire maintenance and care, you will enjoy driving on your new BFGoodrich tires for a long, long time.

**BFGoodrich Passenger and Light Truck Replacement Tire  
LIMITED WARRANTY:**

Your BFGoodrich® replacement tires are covered by a limited warranty that covers certain defects in workmanship and materials, and premature treadware. You should review the terms of the warranty carefully.

# BFGOODRICH® PASSENGER AND LIGHT TRUCK REPLACEMENT TIRE LIMITED WARRANTY

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 Owner's Manual.

## WHO IS COVERED?

This warranty covers the original purchaser of BFGoodrich® passenger and light truck replacement tires.

## WHAT IS COVERED AND FOR HOW LONG?

**BFGoodrich passenger and light truck replacement tires that are used in normal service on the vehicle on which they were originally fitted are covered as follows:**

### Workmanship and Materials

If there is a defect in workmanship and materials during the life of the original usable tread, or six years from date of purchase (whichever comes first), a replacement, or *pro rata* replacement of the tire may be available under this warranty.

The "date of purchase" refers to the date on your sales invoice. If you cannot find your sales invoice, the date will be calculated based on the date of manufacture which is molded on the sidewall of your tire.

The "life of the usable tread" refers to the original tread worn down to the level of the treadwear indicators, which is 2/32nds of an inch (1.6 mm) of tread remaining.

### Treadwear

If the tire treadwear does not reach its mileage warranty during the life of the original usable tread, or six years from date of purchase (whichever comes first), a *pro rata* replacement of the tire may be available under this warranty. For the mileage warranty associated with a specific tire, please see your BFGoodrich tire retailer or visit [bfgoodrichtires.com](http://bfgoodrichtires.com).

Note that if you use different size tires on the front and rear axles your tires cannot be rotated as recommended by BFGoodrich. As a result, the mileage warranty on each rear tire will be half that specified.

## WHAT IS NOT COVERED

**This warranty does not cover tires damaged due to misuse, abuse or accident such as:**

- Road hazards (e.g., cuts, snags, bruises, impact damage or punctures);
- Incorrect mounting of the tire, tire/wheel imbalance or improper repair;
- Misapplication, improper maintenance, racing, underinflation, overinflation or other abuse;
- Uneven or rapid wear which is caused by mechanical irregularity in the vehicle such as wheel misalignment, (a measured tread difference of 2/32nds of an inch or more across the tread on the same tire);

- Accident, fire, chemical corrosion, tire alteration or vandalism;
- Flat spotting caused by improper storage or brakelock;
- The addition of liquid, solid or gaseous materials other than air, nitrogen or carbon dioxide (for example, waterbase sealers or balancing substances);
- Cosmetic ozone or weather cracking;
- Use of BFGoodrich® tires that is inconsistent with the safety information provided in your owner's manual.
- Use of BFGoodrich tires that is inconsistent with the maintenance information provided in your owner's manual.

### **Other limitations include the following:**

- Tires used in commercial applications, (except for the Commercial T/A® All Season) are excluded from any mileage warranty.
- DOT-approved competition tires are excluded from any mileage warranty.
- Tires branded "Blemished" or "BLEM" are not adjustable for appearance conditions.
- Winter tires must be used during winter months only, defined as a period beginning on or after September 1st of a given year and ending no later than April 30th of the following year. BFGoodrich® Winter tires require documentation of the timing of the installation and removal of the tires each winter to maintain coverage under the limited warranty for treadwear.

## **WHAT WILL BFGOODRICH DO?**

### **Workmanship/Materials**

If a tire is covered, and 2/32nds of an inch (1.6mm) or less of the original tread is worn (or 25% or less, whichever is more beneficial to you), and it is within 12 months of the date of purchase, we will, free of charge, replace your tire with a comparable new BFGoodrich replacement tire, mount the tire, and balance the tire. **You must pay the cost of any other service charges and applicable taxes.**

If a tire is covered, and more than 2/32nds of an inch of original tread has been worn (or more than 25%, whichever is more beneficial to you), or it has been more than 12 months from the date of purchase, we will replace the tire with a comparable new BFGoodrich replacement tire on a *pro rata* basis. This means that you will be responsible for paying a portion of the cost. The BFGoodrich tire retailer will determine the portion that you will be responsible for by multiplying the percentage of the original usable tread worn, by the current selling price at the adjustment location or the price in the current BFGoodrich Base Price List, whichever is lower. **You also will be responsible for paying in-full the cost of mounting and balancing the tire and the cost of any other service charges and applicable taxes.**

## Treadwear

If a tire is covered and wears out evenly before delivering the warranted mileage, we will replace the tire with a comparable new BFGoodrich® replacement tire on a *pro rata* basis. This means that you will be responsible for paying a portion of the cost. The BFGoodrich tire retailer will determine the portion for which you will be responsible by multiplying the percent of mileage received by the current actual selling price at the adjustment location or the price of the tire in the current BFGoodrich Base Price List, whichever is lower. **You will be responsible for paying in-full the cost of mounting and balancing the tire, and the cost of any other service charges and applicable taxes.**

## HOW DO I GET A REPLACEMENT?

Take your tire to any BFGoodrich tire retailer. The retailer may require that you provide the following:

1. The vehicle on which the tire was used,
2. Personal identification (e.g. Driver's License),
3. Your vehicle registration,
4. Payment if you owe a *pro rata* share for the replacement,
5. A completed Service Record form, and Original Owner/Tire Installation Information Form,
6. Your original invoice and copy of this Owner's Manual,
7. For treadwear replacement claims, documents showing that your tires have been rotated and inspected every 6,000-8,000 miles or as specified by your vehicle manufacturer, whichever is lower, and the attached Mounting and Rotation Service Record has been fully completed and signed.

## WHAT CONDITIONS AND EXCLUSIONS APPLY?

This warranty does not provide compensation for loss 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 these limitations or exclusions may not apply to you.

This warranty limits the length of all express and implied claims. Some states do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you.

Tires presented for claim remain the property of the consumer, and we are not responsible for loss of or damage to tires which are in the custody or control of a BFGoodrich tire retailer for the purpose of inspection for warranty claims. **In the event of a disputed claim, the consumer must make the tire available for further inspection.** Tires accepted for claim become the property of BFGoodrich.

No BFGoodrich 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 and Canada.

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

## **HOW DO I DISPUTE ISSUES CONCERNING THIS WARRANTY?**

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 but not limited to claims for consumer fraud or brought under any consumer protection statute, but excluding claims for personal injury or property damage, shall be finally resolved solely by arbitration, upon election by either party, according to the formal dispute resolution procedures then in effect of the National Arbitration Forum, or if the National Arbitration Forum is no longer conducting such arbitrations, a successor organization thereto or such other private arbitration service as you and Michelin shall mutually agree (the actual authority involved, the "Arbitral Body"). The Arbitral Body shall decide the issues submitted in accordance herewith, provided that all substantive questions of law will be determined under the laws of the State in which you purchased the product at issue. You agree that no claim subject to arbitration shall be arbitrated as a class action, or on a class-wide or representative basis, or on behalf of the general public, or on behalf of other persons that may be similarly situated. You agree that you do not have the right to act as a private attorney general, a class representative, or to participate as a member of a class of claimants with any claim subject to arbitration. You further agree that no claim subject to arbitration shall be heard by a jury and that any judgment or award of the Arbitral Body will be final and not subject to judicial review. 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 which 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.



# SAFETY AND MAINTENANCE RECOMMENDATIONS

## THE IMPORTANCE OF TIRES

The tire is the only contact between your vehicle and the ground. In order to ensure greater safety and to achieve longer tire life, it is essential to adhere to certain principles. Tires are of the utmost importance and the cost of regular maintenance is more than justified.

Consequently, we recommend that you read and understand the following information:

## SAFETY MAINTENANCE INFORMATION

Read this Owner's Manual, the information on the sidewall of your tires, your vehicle owner's manual and the tire information placard that came on your vehicle, for essential safety and maintenance information.

**While you should have complete confidence in your new BFGoodrich® replacement tires, it's important to register your tires in the event that we need to contact you. For online tire registration, visit [www.bfgoodrichtires.com/register](http://www.bfgoodrichtires.com/register).**

## TIRE DISABLEMENT – SAFETY WARNING

Any tire may fail as a result of an improperly repaired puncture, 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, BFGoodrich recommends you thoroughly read and follow the recommendations in this BFGoodrich® Owner's Manual, the vehicle owner's manual, the tire information placard on the vehicle (located in the vehicle's door jamb, inside the fuel hatch, or on the glove compartment door), and tire sidewall information regarding safety warnings, proper tire use and maintenance.

## CONTROLLABILITY – Controlling a vehicle when a tire failure occurs

If a tire failure occurs, you may hear a loud noise, feel a vibration, and/or the vehicle may pull toward the side of the failed tire. If possible, step on the accelerator momentarily to maintain forward momentum and ensure vehicle control. It is most important that you DO NOT BRAKE OR ABRUPTLY TURN THE STEERING WHEEL. Slowly remove your foot from the accelerator and hold the steering wheel firmly while steering to remain in your lane. Once the vehicle has slowed and is fully under control, apply the brakes gently; safely pull over to the shoulder and come to a stop. Inspect the tires. If one or more looks flat or low, shows detachment or other damage, remove tire assembly and replace it with a properly inflated spare. Bumps or bulges may indicate detachment within the tire body and require inspection by a qualified tire technician.

## **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 information placard that came on your vehicle, (located in the vehicle's door jamb, inside the fuel hatch or on the glove compartment door), for the recommended operating pressures. For replacement tires, the correct inflation pressure will be provided by your BFGoodrich 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.

## **CHECK THE COLD INFLATION PRESSURE IN ALL YOUR TIRES, INCLUDING THE SPARE, 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 before long distance trips. This applies to all tires, including sealant types which are as susceptible to losing air pressure as any other type of tire if not properly maintained. 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.

## **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.

## TIRE PRESSURE MONITORING SYSTEMS (TPMS):

Your vehicle may be equipped with a Tire Pressure Monitoring System (TPMS) that is designed to monitor the pressure of tires mounted on your vehicle and sends a signal to the driver if a tire pressure falls below a predetermined level. A TPMS should not replace monthly manual pressure checks for all four (4) tires and the spare. We recommend that you manually monitor and check tire pressure inflation with a pressure gauge. Your tires should have the recommended pressure listed by your vehicle's manufacturer. This information can be found in the vehicle owner's manual and often on a placard located in the vehicle's door jamb, inside the fuel hatch, or on the glove compartment door. If you have a plus size fitment that requires a higher inflation pressure, your tire pressure monitoring system will require re-calibration to new inflation pressure. Refer to your tire dealer/installer of plus size tires for proper inflation pressure. We recommend checking air pressure once each month, and before a long trip. Whether you have a full-sized or mini-spare, make sure that it is properly inflated as well. If the TPMS generates improper monitoring or signals we recommend that you consult your vehicle owner's manual and follow-up with your vehicle's manufacturer.

## TIRE SPINNING

Do not spin wheels in excess of 35 mph (55 km/h) as indicated on the speedometer. Excessive speed in a free-running, unloaded tire can cause it to "explode" from centrifugal force. 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, particularly with automatic transmission vehicles, 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 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 it with the spare at once and visit a participating BFGoodrich tire retailer.**

Exceeding the maximum speeds shown on the following page for each type of BFGoodrich® tire will cause the tire to build up excessive heat which can cause tire damage that could result in sudden tire destruction and rapid air loss. Failure to control a vehicle when one or more tires experience a sudden air loss can lead to an accident.

**In any case, you should not exceed reasonable speeds as indicated by the legal limits and driving conditions.**

SPEED RATING SYSTEM

The speed rating of a tire indicates the speed category (or range of speeds) at which the tire can carry a load under specified service conditions. The speed rating system used today was developed in Europe in response to the need to categorize tires into standardized speeds. A letter from A to Z symbolizes a tire's certified speed rating, ranging from 5 km/h (3 mph) to above 300 km/h (186 mph). This rating system (see chart on this page) describes the top speed for which a tire is certified.

When this speed rating system was originally developed, the Unlimited V category of over 210 km/h (130 mph) was the top speed rating a tire could achieve. As manufacturers made more tires that fit into this category, it was necessary to better regulate performance at standardized speeds to help ensure safety. The Limited V category of 240 km/h (149 mph) was then created, and the Z or (Y) speed rating was added as the top speed rating that a tire could achieve. W and Y limited speed symbols have been added as higher speed categories.

Always consult the tire manufacturer for the maximum speed of Unlimited Z or (Y) tires. Speed rating is identified as a part of the tire's sizing or service description. Exceeding the lawful speed limit is neither recommended nor endorsed.

In the latest attempt to standardize tire designations, all ratings except Unlimited Z incorporate the speed symbol and load index as the tire's service description. For Example:

205/60R15 91V			
205	=	Section Width in Millimeters	
60	=	Aspect Ratio	
R	=	Radial Construction	
15	=	Rim Diameter in Inches	
91V	=	Service Description (Load Index and Speed Rating)	

Speed Symbol		Speed (km/h)	Speed (mph)
L		120	75
M		130	81
N		140	87
P		150	94
Q		160	100
R		170	106
S		180	112
T		190	118
U		200	124
H		210	130
V		240	149
W	ZR	270	168
Y		300	186
(Y)		Above 300	Above 186 (consult tire manufacturer)

**“Z” Rated Tires**

When “Z” appears in the size description with the service description, the maximum speed is indicated by the service description. Examples:

Tire Designation	Maximum Speed
P275/40ZR17	Above 240 km/h (149 mph)*
P275/40R17 93Y	300 km/h (186 mph)
P275/40ZR17 93Y	300 km/h (186 mph)
P275/40ZR17 (93Y)	Above 300 km/h (186 mph)*
*Consult Tire Manufacturer	

For tires having a maximum speed capability above 240 km/h (149 mph), a “Z” may appear in the size designation.

For tires having a maximum speed capability above 300 km/h (186 mph), a “Z” must appear in the size designation and the service description must include Y in parenthesis. Example: 275/40ZR18 (99Y). Consult the tire manufacturer for maximum speed when there is no service description.

Consult your BFGoodrich tire retailer for maximum speed capabilities. Although a tire may be speed-rated, we do not endorse the operation of any vehicle in an unsafe or unlawful manner. Speed ratings are based on laboratory tests which relate to performance on the road, but are not applicable if tires are underinflated, overloaded, worn out, damaged, altered, improperly repaired or retreaded. Furthermore, a tire’s speed rating does not imply that vehicles can be safely driven at the maximum speed for which the tire is rated, particularly under adverse road and weather conditions or if the vehicle has unusual characteristics. BFGoodrich® highway passenger tires that do not have a speed symbol on the sidewall have a maximum speed rating of 105 mph (170 kph). Light truck highway tires that do not have a speed symbol on the sidewall of the tire have a maximum speed rating of 87 mph (140 kph). BFGoodrich winter tires that do not have a speed symbol on the sidewall or tires with Q symbols have a speed rating of 100 mph (160 km/h). Winter tires with a speed symbol have a maximum speed rating in accordance with the symbol. The speed and other ratings of retreaded tires are assigned by the retreader and replace the original manufacturer’s ratings. **IMPORTANT:** In order to maintain the speed capability of the vehicle, replacement tires must have speed ratings equal to or higher than those fitted as original equipment (as indicated on the tire information placard that came on your vehicle or in the vehicle owner’s manual). If tires with lower speed ratings are fitted, the vehicle’s handling may be affected and the speed capability of the vehicle will be lowered to the maximum speed capability of the replacement tires as indicated in the above table. **REMEMBER...**High speed driving can be dangerous and may damage your tires. **AND...**When driving at highway speeds, correct inflation pressure is especially important.

## **INSPECT YOUR TIRES, DO NOT DRIVE ON A DAMAGED TIRE OR WHEEL**

### **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. Anytime you see any damage to your tires or wheels, replace with the spare at once and immediately visit any BFGoodrich tire retailer.

### **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 tirewear, 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 with a properly inflated spare at once and immediately visit any qualified tire technician.**

### **INSPECTION**

When inspecting your tires, including the spare, check the air pressures. If the pressure check indicates that one of your tires has lost pressure of two pounds or more, look for signs of penetration, valve leakage or wheel damage that may account for the air loss.

**Always look for bulges, cracks, cuts, penetrations, and abnormal tire wear, particularly on the edges of the tire tread, which may be caused by misalignment or underinflation. If any such damage is found, the tire must be inspected by any participating BFGoodrich tire retailer at once. Use of a damaged tire could result in tire destruction.**

All tires will wear out faster when subjected to high speeds as well as hard cornering, rapid starts, sudden stops, frequent driving on roads which are in poor condition, and off road use. Roads with holes and rocks or other objects can damage tires and cause misalignment of your vehicle. When driving on such roads, drive carefully and slowly, and before driving again at normal or highway speeds, examine your tires for any damage, such as cuts, bulges, penetrations, unusual wear patterns, etc.

## **WEAR BARS**

BFGoodrich® tires contain “Wear-Bars” in the grooves of the tire tread which become visible when only 2/32nds of an inch (1.6mm) of tread is remaining. At this stage, your tires must be replaced. Tires worn beyond this stage are extremely dangerous.

## **DO NOT OVERLOAD – DRIVING ON ANY OVERLOADED TIRE IS DANGEROUS**

The maximum load rating of your tires is molded on the tire sidewall. Do not exceed this rating. Follow the loading instructions of the manufacturer of your vehicle and this will ensure that your tires are not overloaded. Tires which are loaded beyond their maximum allowable loads for the particular application will build up excessive heat that may result in sudden tire destruction. Do not exceed the gross axle weight rating for any axle on your vehicle.

## **TRAILER TOWING**

If you anticipate towing a trailer, you should visit any BFGoodrich tire retailer for advice concerning the correct size tire and pressures. Tire size and pressures will depend upon the type and size of trailer and hitch utilized, but in no case must the maximum cold inflation pressure or tire load rating be exceeded. Check the tire information placard that came on your vehicle, located in the vehicle’s door jamb, inside the fuel hatch, or on the glove compartment door, and the owner’s manual supplied by the manufacturer of your vehicle for further recommendations on trailer towing.

## **WHEEL ALIGNMENT AND BALANCING ARE IMPORTANT FOR SAFETY AND MAXIMUM MILEAGE FROM YOUR TIRES.**

### **CHECK HOW YOUR TIRES ARE WEARING AT LEAST ONCE EACH MONTH**

If your tires are wearing unevenly, such as the inside shoulder of the tire wearing faster than the rest of the tread, or if you detect excessive vibration, your vehicle may be out of alignment or balance. These conditions not only shorten the life of your tires but adversely affect the handling characteristics of your vehicle, which could be dangerous. If you detect irregular wear or vibration, have your alignment and balance checked immediately. Tires which have been run underinflated will show more wear on the shoulders than in the center of the tread.

### **TIRE MIXING**

BFGoodrich® tires are radial tires and for best performance it is recommended that the same size and type of tire be used on all four wheel positions. Before mixing tires of different types in any configuration on any vehicle, be sure to check the vehicle manufacturer's owner's manual for its recommendations. It is especially important to check the vehicle manufacturer's owner's manual when mixing, matching, or replacing tires on 4-wheel drive vehicles, as this may require special precautions.

### **WINTER DRIVING**

Tires which meet the Rubber Manufacturers Association (RMA) definition of snow tires are marked M/S, M+S, or M&S. On such tires, this designation is molded into the sidewall. Tires without this notation are not recommended for winter driving.

While All-Season tires are designed to provide reliable performance in some winter conditions, the use of four (4) winter tires is recommended for optimal performance. Tires designated for use in severe winter conditions are marked on at least one sidewall with the letter "M" and "S" plus a pictograph of a mountain with a snowflake on it.





## TIRE ROTATION AND REPLACEMENT

To obtain maximum tire wear, it may be necessary to rotate your tires. Refer to your vehicle owner's manual for instructions on tire rotation. If you do not have an owner's manual for your vehicle, BFGoodrich® recommends rotating your tires every 6,000 to 8,000 miles (10,000 to 12,000 km), or as specified by your vehicle manufacturer, whichever is lower. Monthly inspection for tire wear is recommended. Your tires should be rotated at the first sign of irregular wear, even if it occurs before 6,000 miles (10,000 km). This is true for all vehicles. When rotating tires with a directional tread pattern, observe the arrows molded on the sidewall which show the direction the tire should turn. Care must be taken to maintain the proper turning direction. **Some Tire Pressure Monitoring Systems (TPMS) may not recognize that a tire has been moved to a different position on your vehicle. Make certain that your TPMS system is reset, if necessary, so as to correctly identify the location of each tire on your vehicle. Refer to your vehicle owner's manual or your vehicle dealer.** Determine whether rotated tires require tire inflation adjustment as front and rear position tire pressure may vary according to the vehicle manufacturer's specification due to the actual load on that wheel position. Some vehicles may have different sized tires mounted on the front and rear axles, and these different sized tires have rotation restrictions. Always check the vehicle owner's manual for the proper rotation recommendations.

### Full-size Spare

Full-size spare tires (not temporary spares) of the same size and construction should be used in a five (5) tire rotation. Always check the inflation pressure of the full-size spare immediately before incorporating it into rotation. Follow the vehicle manufacturer's recommended pattern for rotation, or if not available, see a qualified tire technician.

### Replacement of Two (2) Tires

It is recommended that all four (4) tires are replaced at the same time. However, when only two tires are replaced, the new ones should be put on the rear. The new tires, with deeper tread, may provide better grip and water evacuation in wet driving conditions.

## CUSTOMIZATION OF TIRES, WHEELS, OR SUSPENSION ON SUVs AND LIGHT TRUCKS

Due to their size, weight and higher center of gravity, vehicles such as SUVs and light trucks do not have the same handling characteristics as automobiles. Because of these different characteristics, failure to operate your SUV/truck in a proper and safe manner can increase the likelihood of vehicle rollover. Modifications to your SUV/truck tire size, tire type, wheels or suspension can change its handling characteristics and further increase the likelihood of vehicle rollover. Whether your SUV/truck has the original equipment configuration for tires, wheels and suspension or whether any of these items have been modified, always drive safely, avoid sudden, sharp turns or lane changes and obey all traffic laws. Failure to do so may result in loss of vehicle control leading to an accident and serious injury or death.

## TIRE ALTERATIONS

Do not make or allow to be made any alterations on your tires. Alterations may prevent proper performance, leading to tire damage which can result in an accident. Tires which become unserviceable due to alterations such as truing, whitewall inlays, addition of balancing or sealant liquids, or the use of tire dressing containing petroleum distillates are excluded from warranty coverage.

## REPAIRS – WHEREVER POSSIBLE, SEE YOUR BFGoodrich® TIRE RETAILER AT ONCE

If any BFGoodrich® tire sustains a puncture, have the tire demounted and thoroughly inspected by any participating BFGoodrich tire retailer for possible damage that may have occurred. A tread area puncture in any BFGoodrich® passenger or light truck tire can be repaired provided that the puncture hole is not more than 1/4" in diameter, not more than one radial cable per casing ply is damaged, and the tire has not been damaged further by the puncturing object or by running underinflated. Tire punctures consistent with these guidelines can be repaired by following the Rubber Manufacturers Association (RMA) recommended repair procedures.

## TIRE REPAIRS

Repairs of all tires must be of the combined plug and inside patch type. Your BFGoodrich tires must be removed from the wheel for inspection prior to repair. Plug-type repairs made on a tire that remains mounted on a wheel are improper. A tire should be removed from the rim and inspected prior to repair. Any tire repair done without removing the tire from the rim is improper. An improperly repaired tire may cause further damage to the tire by either leaking air or allowing air, moisture and contaminants to enter the structure of the tire. An improperly repaired tire can fail suddenly at a later date. Never repair a tire with less than 2/32nds of an inch tread remaining. At this tread depth, the tire is worn out and must be replaced.

## STORAGE

Tires contain waxes and emollients to protect their outer surfaces from ozone and weather cracking. 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 cracking and the casing becomes susceptible to flat spotting. **For this reason, tires should always be stored in a cool, dry, clean, indoor environment. If storage is for one month or more, eliminate the weight from the tires by raising the vehicle or by removing the tires from the vehicle. Failure to store tires in accordance with these instructions could result in damage to your tires or premature aging of the tires and sudden tire failure.** When tires are stored, be sure they are placed away from sources of heat and ozone such as hot pipes and electric generators. Be sure that surfaces on which tires are stored are clean and free from grease, gasoline or other substances which could deteriorate the rubber. (Tires exposed to these materials during storage or driving could be subject to sudden failure.)

## FOLLOW THESE MOUNTING RECOMMENDATIONS

**Tire mounting can be dangerous and must be done by professionally trained persons using proper tools and procedures as specified by the Rubber Manufacturers Association (RMA).**

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 tire 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 .

**Old valves may leak. When new tubeless tires are mounted, have new valves of the correct type installed. Tubeless tires must only be mounted on wheels designed for tubeless tires i.e., wheels which have safety humps or ledges. Always utilize valve caps capable of containing the tire’s air pressure, should the valve core leak. The valve cap is the primary seal against air loss.** Each tire and wheel assembly should be balanced to insure proper tire and vehicle performance and to maintain tire warranty coverage. Tires and wheel assemblies which are not balanced may cause steering difficulties, a bumpy ride, and irregular tire wear.

## TEMPORARY TYPE SPARE TIRES

When using any temporary type spare tire, be sure to follow the vehicle manufacturer’s instructions.

## 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: “O25” means second week of the year of decade, eg.: 1995, 1985, etc.) For the 1990-1999 decade BFGoodrich® brand tires are marked with a triangle pointing to the last three numeric characters. Tires produced after July 2000 have an additional digit to identify a given decade. For example, 2800 means the tire was produced during the 28th week of 2000; 0201 during the 2nd week of 2001. If the last digits of your DOT number contains three numeric characters and is not marked with a triangle, consult a qualified tire technician to determine the year of manufacture.

## **SERVICE LIFE FOR PASSENGER CAR AND LIGHT TRUCK TIRES INCLUDING SPARE TIRES**

The following recommendation applies to passenger car and light truck tires. Tires are composed of various types of material and rubber compounds, having performance properties essential to the proper functioning of the tire itself. These component properties evolve over time. For each tire, this evolution depends upon many factors such as weather, storage conditions, and conditions of use (load, speed, inflation pressure, maintenance etc.) to which the tire is subjected throughout its life. This service-related evolution varies widely so that accurately predicting the serviceable life of any specific tire in advance is not possible. That is why, in addition to regular inspections and inflation pressure maintenance by consumers, it is recommended to have passenger car and light truck tires, including spare tires, inspected regularly by a qualified tire specialist, such as a BFGoodrich® tire retailer, who will assess the tire's suitability for continued service. Tires which have been in use for 5 years or more should continue to be inspected by a specialist at least annually. Consumers are strongly encouraged to be aware not only of their tires' visual condition and inflation pressure but also of any change in dynamic performance such as increased air loss, noise or vibration, which could be an indication that the tires need to be removed from service to prevent tire failure. It is impossible to predict when tires should be replaced based on their calendar age alone. However the older a tire the greater the chance that it will need to be replaced due to the service-related evolution or other conditions found upon inspection or detected during use. While most tires will need replacement before they achieve 10 years, it is recommended that any tires in service 10 years or more from the date of manufacture, including spare tires, be replaced with new tires as a simple precaution even if such tires appear serviceable and even if they have not reached the legal wear limit. For tires that were on an original equipment vehicle (i.e., acquired by the consumer on a new vehicle), follow the vehicle manufacturer's tire replacement recommendations, when specified (but not to exceed 10 years). The date when a tire was manufactured is located on the sidewall of each tire. Consumers should locate the Department of Transportation or DOT code on the tire which begins with DOT and ends with the week and year of manufacture. For example, a DOT code ending with "2204" indicates a tire made in the 22nd week (May) of 2004.

## **REMEMBER... TO AVOID DAMAGE TO YOUR TIRES AND POSSIBLE ACCIDENT:**

- CHECK TIRE PRESSURE AT LEAST ONCE EACH MONTH WHEN TIRES ARE COLD AND BEFORE LONG TRIPS.
- DO NOT UNDERINFLATE/OVERINFLATE.
- DO NOT OVERLOAD.
- DRIVE AT MODERATE SPEEDS, OBSERVE LEGAL LIMITS.
- AVOID DRIVING OVER POTHoles, OBSTACLES, CURBS OR EDGES OF PAVEMENT.
- AVOID EXCESSIVE WHEEL SPINNING.
- IF YOU SEE ANY DAMAGE TO A TIRE, REPLACE WITH THE SPARE AND VISIT ANY BFGOODRICH TIRE RETAILER AT ONCE.
- IF YOU HAVE ANY QUESTIONS. CONTACT YOUR BFGOODRICH TIRE RETAILER.

**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 BFGoodrich® tire retailer listed in the phone directory, or visit our web site listed below for dealer locations. If further assistance is required, contact:**

**IN THE USA 1-877-788-8899**

**or write:**

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

**or visit:**

**[www.bfgoodrichtires.com](http://www.bfgoodrichtires.com)**

**IN CANADA**

**1-888-871-4444**

**or write:**

Michelin North America (Canada) Inc.  
2500 Daniel Johnson, Suite 500  
Laval, Quebec  
H7T 2P6

**or visit:**

**[www.bfgoodrichtires.ca](http://www.bfgoodrichtires.ca)**

**MOUNTING AND ROTATION SERVICE RECORD (For Limited Mileage Warranties only)**

Installed Mileage \_\_\_\_\_

DATE OF ROTATION/ SEASONAL CHANGE	ODOMETER READING	RETAILER'S NAME AND ADDRESS	RETAILER SIGNATURE	PSI (check)

To validate the mileage portion of this warranty, your tires must be inspected and rotated every 6,000-8,000 miles or as specified by your vehicle manufacturer, whichever is lower, miles and the PSI set as recommended on the vehicle tire information placard. **Owner Certification:** I hereby certify these services were performed as indicated and that I am the original purchaser of the tires and the owner of the vehicle on which they were originally installed and exclusively used.

Consumer Signature \_\_\_\_\_ Date \_\_\_\_\_



## NOTES



**ORIGINAL OWNER/TIRE  
INSTALLATION INFORMATION  
(to be completed at the time of purchase)**

Please keep in your files for futur reference.

Retailer name	
Address	
City	
State	Zip code

*Tire 1 - Serial # (D.O.T.)															
*Tire 2 - Serial # (D.O.T.)															
*Tire 3 - Serial # (D.O.T.)															
*Tire 4 - Serial # (D.O.T.)															
*Tire 5 - Serial # (D.O.T.)															
*Tire 6 - Serial # (D.O.T.)															

Tire size and name	
Vehicle make	Vehicle model
Model year	Approximate odometer reading (in miles)
Date of purchase	<input type="checkbox"/> 0 - 19,999 <input type="checkbox"/> 20,000 - 39,999
	<input type="checkbox"/> 40,000 - 59,000 <input type="checkbox"/> 60,000 - 79,999
	<input type="checkbox"/> 80,000 - 99,000 <input type="checkbox"/> Over 100,000
Date of removal	Mileage at removal
Retailer name and signature	





**REGISTER YOUR TIRES ON THE INTERNET AT  
[www.bfgoodrichtires.com/register](http://www.bfgoodrichtires.com/register)  
OR SEND US YOUR  
TIRE REGISTRATION CARD BY MAIL**

Fields marked with an asterisk (\*) are required.

*Purchaser name (Please print) <input type="checkbox"/> Mr. <input type="checkbox"/> Ms.	
*Address	
*City	
*State	*Zip code
Email	

Retailer name	
Address	
City	
State	Zip code

*Tire 1 - Serial # (D.O.T.)									
*Tire 2 - Serial # (D.O.T.)									
*Tire 3 - Serial # (D.O.T.)									
*Tire 4 - Serial # (D.O.T.)									
*Tire 5 - Serial # (D.O.T.)									
*Tire 6 - Serial # (D.O.T.)									

Privacy protection is important to BFGoodrich Tires. We refer you to our privacy policy posted on our web site at [www.bfgoodrichtires.com](http://www.bfgoodrichtires.com) for more information or contact our Consumer Care department at 1-877-788-8899.

Federal Law and Regulations require your tire identification numbers to be registered. Please complete and return to BFGoodrich Tires.





Affix  
postcard  
stamp  
here

**Michelin North America, Inc. TIRE REGISTRY**  
**Post Office Box 2506**  
**West Caldwell, NJ 07007-2506**



Please be sure to visit [bfgoodrichtires.com/register](http://bfgoodrichtires.com/register) to find out how and why to register your new replacement tires. While you are on the site, get racing and driver updates, product information, special offers and more at [bfgoodrichtires.com](http://bfgoodrichtires.com).

BFGoodrich® is a brand of Michelin North America, Inc. ("MNA").



You should have complete confidence in your new BFGoodrich® tires. Still it's important to register your tires in the event that we need to contact you. For online tire registration, visit [www.bfgoodrichtires.com/register](http://www.bfgoodrichtires.com/register) (in USA), [www.bfgoodrichtires.ca](http://www.bfgoodrichtires.ca) (in Canada).

Get racing & driver updates, product information,  
special offers and more at  
[bfgoodrichtires.com](http://bfgoodrichtires.com)

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