Printed in Canada

ACURA

# 2022
# Warranty Guide

00X38-A22-W000

**ODOMETER CHANGE RECORD**

Should it be necessary to install a new odometer, please have your Acura dealer record the date of change and the kilometres listed on the original odometer here.

**ODOMETER CHANGE AT:**

| | | | | |
|---|---|---|---|---|
| | **DATE** | **D** | **M** | **Y** |

**KM**

# Acura Owner's Guide To Warranty And Maintenance

This publication is based on the information available at the time of printing. It provides valuable information about the Acura Five Year No Small Print Warranty and maintenance of your new Acura.

ACURA

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Dear New Acura Owner,

Thank you for choosing Acura and welcome to the advanced world of Acura ownership.

At Acura we believe driving an incredibly advanced luxury vehicle should go beyond exhilarating engineering and industry-leading amenities. That's why Acura is committed to ensuring your ownership experience is as rewarding as it is worry-free, with new owners benefiting from 4-year, 24-hour Acura Roadside Assistance . The optional Acura Plus program also allows you to choose the terms that suit your requirements.

Plus, with the factory-trained technical expertise and superior customer service offered through your Acura dealer, peace of mind and a highly skilled hand are never far away.

For the Acura dealer nearest you please visit www.acura.ca or call 1-888-9-ACURA-9.

Again, welcome to the advanced world of Acura ownership and the beginning of an exhilarating experience powered by automotive technology. Advanced by Acura, driven by you.

Sincerely,

Jean Marc Leclerc
President and CEO

# The Acura Five Year No Small Print Warranty.

Because your new Acura is an important personal investment, we designed the Acura No Small Print Warranty to act as a guaranteed investment certificate.

In fact, its remarkable protection takes the incredible value of the Acura you have invested in, and increases it even further.

The Acura Five Year/100,000 km No Small Print Warranty set a new industry standard when it was introduced. Today it continues to be a benchmark in customer protection and owner satisfaction.

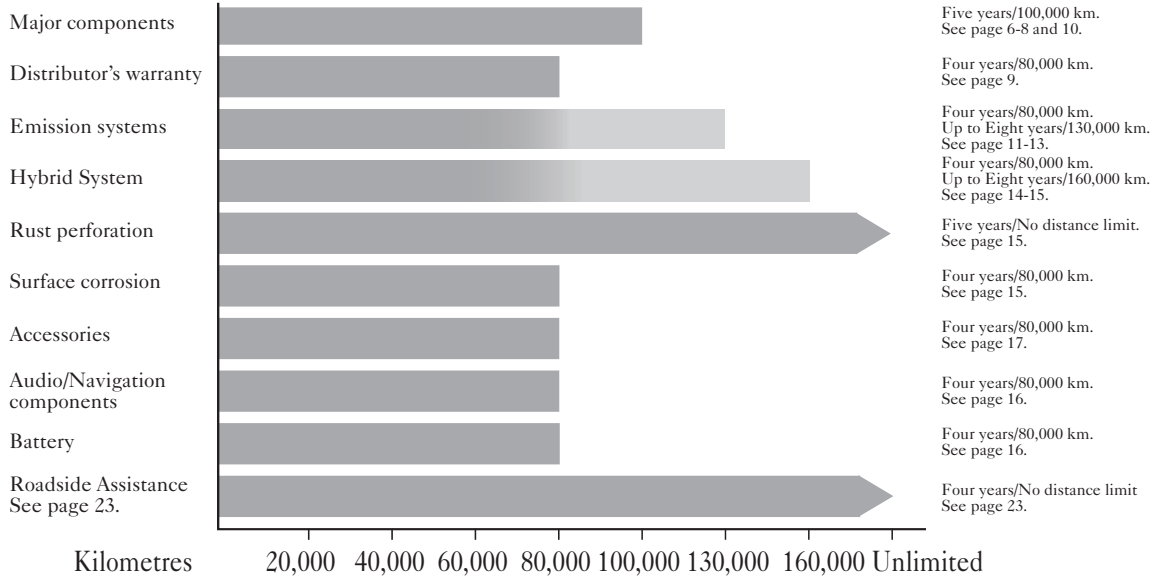
The warranty information on the following pages covers all new Acura vehicles manufactured by Honda Motor Company Ltd., sold by authorized Acura dealers within Canada, and normally operated in Canada.

For your added peace of mind, it is backed by Honda Canada Inc., on behalf of Honda Motor Co. Ltd., Tokyo, Japan. Wherever you see the word "Acura", you may assume that it refers to either Honda Canada Inc., or Honda Motor Company Ltd., whichever is more appropriate to the text.

In addition to the Acura Five Year/100,000 km No Small Print Warranty, you and your new Acura are also protected by an additional series of warranties for items such as emission controls, body corrosion, and more. Specific details on these warranties are also included in this section.

Take a few moments to review them. You'll find them refreshingly straightforward, and very reassuring.

# 2021 Warranty Coverage. Acura Elevates Your Comfort Quotient.




The owner of the vehicle is responsible to report to an authorized Acura dealer in Canada any items which they feel are defective, and request warranty coverage, if applicable, within the terms of the warranty. The vehicle must be made available to the dealer for warranty repairs within the warranty period.

# Acura Warranty Protection Makes Major Components a Minor Concern

Remarkable as the Five Year /100,000 km No Small Print Warranty is, there are some things about it that make it even more so. For instance, you pay nothing extra for this extensive coverage. It's as much a part of your new Acura as the wheels and engine.

Also, there are no deductibles to pay should your Acura ever require repairs covered by this warranty.

And, if you sell your Acura before the warranty expires, the Acura Five Year /100,000 km No Small Print Warranty transfers to the new owner - at no charge. A welcome fact that can make your Acura worth even more at trade-in time.

Here's a check list of all the items covered by the Acura Five Year /100,000 km No Small Print Warranty It goes well beyond traditional power train warranties to include:

* Timing belts are considered to be a maintenance item. If replacement at or before (at the customer's discretion) the scheduled interval (see the owner's manual) is required, such replacement is the vehicle owner's responsibility and is not covered by warranty.

** Always use Acura 5W30 full synthetic motor oil, or an equivalent synthetic oil that meets the HTO-06 standard.

**ENGINE**

| | |
|---|---|
| ✓ | Cylinder block and all internal parts |
| ✓ | Cylinder head and all internal parts |
| ✓ | Camshaft and valve train |
| ✓ | *Timing belt, balancer belt and tensioner (if equipped) |
| ✓ | Oil pressure switch |
| ✓ | Oil pump |
| ✓ | Oil pan |
| ✓ | Seals and gaskets |
| ✓ | Flywheel |
| ✓ | EFI main relay |
| ✓ | V6 water passage gasket |
| ✓ | **Turbocharger and all internal parts |
| ✓ | Variable Valve Timing Control Actuator |

# Acura Warranty Protection Makes Major Components a Minor Concern

### TRANSAXLE

| | |
|---|---|
| ✓ | Transmission and differential housing and all internal parts |
| ✓ | Transmission cooler |
| ✓ | Driveshafts |
| ✓ | CV joints, including boots |
| ✓ | 4WD transfer case |

### CLUTCH
(EXCLUDING FRICTION MATERIALS)

| | |
|---|---|
| ✓ | Clutch master cylinder |
| ✓ | Slave cylinder |
| ✓ | Release and pilot bearings |
| ✓ | Seals and pressure plates |

### ENGINE COOLING

| | |
|---|---|
| ✓ | Radiator |
| ✓ | Cooling fan thermoswitch |
| ✓ | Water pump |

### FUEL

| | |
|---|---|
| ✓ | Fuel pump |
| ✓ | Fuel level sending unit |

### OCCUPANT PROTECTION

| | |
|---|---|
| ✓ | Seat belts |
| ✓ | Seat belt warning control unit |
| ✓ | SRS air bag module |
| ✓ | SRS control unit/sensors |
| ✓ | SRS harness |

### STEERING

| | |
|---|---|
| ✓ | Steering gearbox and all internal parts and seals |
| ✓ | Steering rack end bushings |
| ✓ | Tie rods and tie rod ends |
| ✓ | Steering fluid cooler |
| ✓ | Power steering pump and hoses |

### ELECTRICAL

| | |
|---|---|
| ✓ | Starter motor and relay |
| ✓ | Alternator |
| ✓ | Voltage regulator/rectifier |
| ✓ | Ignition switch |
| ✓ | Headlight switch |
| ✓ | Windshield wiper switch |
| ✓ | Windshield wiper motor (front) |

Any components not specifically listed above are excluded from the Major Component Warranty.

# Acura Warranty Protection Makes Major Components a Minor Concern.

| SUSPENSION | |
|---|---|
| ✓ | Control arms |
| ✓ | Front and rear knuckles/hubs |
| ✓ | Ball joints |
| ✓ | Wheel bearings (front and rear) |
| ✓ | Stabilizer bar |
| ✓ | Damper forks |
| ✓ | Front and rear beam |
| ✓ | Trailing arm |

| BRAKES (EXCLUDING FRICTION MATERIALS & ROTORS) | |
|---|---|
| ✓ | Master cylinder |
| ✓ | Front calipers |
| ✓ | Rear wheel cylinders/calipers |
| ✓ | Vacuum booster/check valve |
| ✓ | Proportioning valves |
| ✓ | Metal lines |
| ✓ | ABS modulator |
| ✓ | ABS accumulator |
| ✓ | ABS pump |
| ✓ | ABS wheel sensors |
| ✓ | ABS control unit |

Any components not specifically listed above are excluded from the Major Component Warranty.

# Additional Warranties For Your Extra Protection.

While the Acura No Small Print Warranty is one of the best in the business, your Acura's protection goes even further by providing you with a comprehensive safety net of additional warranty packages.

Like the Acura No Small Print Warranty, there is no extra charge for this protection. These warranty packages may be transferred to a new owner at no additional charge. And there is no deductible charge for any repair made under them.

For up to four years from the original vehicle registration date, towing to the nearest Acura dealer is also covered if the failure is warrantable and as a result, the vehicle is inoperable or unsafe to drive.

As is the case with all warranties, there are some exceptions to the rule. Differences in driving styles, regional driving conditions, and items which, through normal wear, require regular maintenance or replacement are exempted from warranty coverage. We have taken great care to see that they have been properly highlighted in this booklet. We think you will find these addenda to be most reasonable, and of little ground for concern.

All Acura warranties begin on the date the vehicle is delivered to the first retail purchaser or, if the vehicle is leased or placed in service as a demonstration vehicle, the date the vehicle is first placed in service.

**1. YOUR DISTRIBUTOR'S WARRANTY.**

*Four Years or 80,000 km, whichever occurs first.*

This warranty is your guarantee that under normal use and maintenance, your new Acura (including all major components) will be free from any defects in material and workmanship.

If any defects should be found and reported to an Acura dealer during the warranty period, necessary repairs and/or replacements with new Acura parts or Acura-approved equivalents will be made at no cost to you for parts and labour immediately upon acknowledgment by Acura that such defects are attributable to faulty material or workmanship at the time of manufacture.

Please note, light bulbs and wiper inserts are limited to one year/20,000 km, whichever comes first. Any other exceptions to this warranty are outlined on pages 19-21 of this booklet.

**2. YOUR MAJOR COMPONENT WARRANTY.**

*Five years or 100,000 km, whichever occurs first.*

This warranty takes over upon expiry of your Distributor's Warranty. It is free to the original owner, and transferable to subsequent owners upon registration with Acura. Your Major Component Warranty coverage is limited to the items listed on pages 6 - 8.

Your Major Component Warranty guarantees that, under normal use and maintenance, all specified major components will continue to be free from defects in material and workmanship.

Should any defects be found in these components and the vehicle is made available to an Acura dealer within the warranty period, necessary repairs and replacements with new or remanufactured Acura parts or Acura- approved equivalents will be made at no cost to you for parts and labour immediately upon acknowledgment by Acura that such defects are attributable to faulty material or workmanship at the time of manufacture. Please refer to pages 19-21 for exclusions or situations under which these items may be excluded from coverage.

**3. YOUR EMISSION CONTROL SYSTEMS WARRANTY.**

*Four years or 80,000 km, whichever occurs first.*

This warranty guarantees that the emission control systems in your new Acura conform with all published Canadian Federal and Provincial emission control standards.

Any defects in material and workmanship in the emission control systems which cause non-compliance with those standards will be repaired or replaced with new Acura parts or Acura-approved parts at no cost to you.

This will be done immediately upon acknowledgment by Acura that such defects are attributable to faulty material or workmanship at the time of original manufacture.

If your vehicle is registered in a province where that province or your local jurisdiction has a mandatory Inspection and Maintenance (I/M) program, you may also be eligible for Emissions Performance Warranty coverage for a period of 4 years/80,000 km, whichever comes first. Under this warranty, if your vehicle fails an approved I/M test, Acura will repair, replace or adjust any necessary emission control system part listed on pages 11-13 without charge for labour, diagnosis or parts.

Please turn to pages 19-21 of this booklet for a brief explanation of exceptions to this warranty.

# Emissions Parts List

## PARTS COVERED FOR 4 YEARS/80,000 km BY THE EMISSIONS WARRANTY

NOTE: Your vehicle may not be equipped with all the parts listed. Other parts may be covered. Contact an authorized Acura dealer for further information.

### EVAPORATIVE AND REFUELING EMISSIONS CONTROL SYSTEM

| | |
|---|---|
| ✓ | Fuel tank |
| ✓ | Fuel tank vapour recirculation tube |
| ✓ | Fuel tank vapour control valves* |
| ✓ | Fuel tank vapour/liquid separation control valves* |
| ✓ | Fuel tank pressure sensor |
| ✓ | Fuel pressure regulator |
| ✓ | Fuel filter* |
| ✓ | Fuel fill pipe |
| ✓ | Fuel fill cap |
| ✓ | Evaporative emissions canister |
| ✓ | Evaporative emissions valves |
| ✓ | Evaporative emissions lines and hoses |

★ Indicates parts covered for 8 years/130,000 km.

| | |
|---|---|
| ✓ | Fuel Filler Neck Restrictor |
| ✓ | Fuel Lid Open Switch |
| ✓ | Fuel Lid Open Actuator |
| ✓ | Evaporative Emission Leak Check Module |
| ✓ | Evaporative Emissions Purge Nozzle |

### EXHAUST GAS RECIRCULATION (EGR) SYSTEM

| | |
|---|---|
| ✓ | EGR pipe |
| ✓ | EGR valve |
| ✓ | EGR valve position sensor |
| ✓ | EGR Cooler |

### EXHAUST SYSTEM

| | |
|---|---|
| ★ | Catalytic Converters |
| ✓ | Exhaust pipe (engine to catalytic converter or between converters) |
| ✓ | Exhaust manifold |

★ Indicates parts covered for 8 years/130,000 km.

### CRANKCASE CONTROL SYSTEM

| | |
|---|---|
| ✓ | Positive crankcase ventilation (PCV) valve |
| ✓ | Engine oil fill cap |

* Fuel filter replacement and fuel tank flushing are covered when contamination results from a defect in material or workmanship.

** Covered up to the first required replacement only; see the maintenance schedule in the owner's manual.

# Emissions Parts List

### INTAKE AIR SYSTEM

| | |
|---|---|
| ✓ | Throttle body |
| ✓ | Throttle position sensor |
| ✓ | Throttle actuator |
| ✓ | Mass airflow sensor |
| ✓ | Intake manifold assembly |
| ✓ | Intake manifold tuning valve assembly |
| ✓ | Air cleaner housing |
| ✓ | Air cleaner housing cover |
| ✓ | Air cleaner element ** |
| ✓ | Intake air resonator |
| ✓ | Intake air ducts |
| ✓ | Turbocharger bypass control valve |

### INTAKE AIR SYSTEM

| | |
|---|---|
| ✓ | Charge air cooler |
| ✓ | Turbocharger bypass control solenoid |
| ✓ | Turbocharger boost sensor |
| ✓ | Transmission Park Position Sensor |
| ✓ | Intake Air Temperature Sensor |

### IGNITION SYSTEM

| | |
|---|---|
| ✓ | Ignition coils |
| ✓ | Crankshaft position sensor |
| ✓ | Camshaft position sensors |
| ✓ | Spark plugs |

### VALVE TIMING/CONTROL SYSTEM

| | |
|---|---|
| ✓ | Rocker arm control valve assembly |
| ✓ | Rocker arm control oil pressure switch/sensor |
| ✓ | Rocker arm oil control solenoid |
| ✓ | Variable valve timing control oil control solenoid valve |
| ✓ | Engine oil temperature sensor |

# Emissions Parts List

### FUEL INJECTION SYSTEM

| | |
|---|---|
| ★ | Engine/powertrain control module (ECM/PCM) (including barometric pressure sensor and software upgrades) |
| ✓ | Fuel injectors |
| ✓ | Fuel rail & fuel lines |
| ✓ | Fuel Rail Pressure Sensor |
| ✓ | MAP sensor |
| ✓ | Oxygen & air fuel ratio sensors |
| ✓ | Engine coolant temperature sensor |
| ✓ | Intake air temperature sensor |
| ✓ | Thermostat |
| ✓ | Knock sensor |
| ✓ | Accelerator pedal module & position sensors |
| ✓ | Injector control module |

### TRANSMISSION CONTROL SYSTEM

| | |
|---|---|
| ✓ | Input shaft (mainshaft) speed sensor |
| ✓ | Output shaft (countershaft) speed sensor |
| ✓ | Shift solenoid and clutch pressure control solenoid valves |
| ✓ | Transmission fluid pressure switch |
| ✓ | Shift control solenoid valves |
| ✓ | Transmission range sensor/switch |
| ✓ | Dual clutch control actuator |
| ✓ | Gearshift control actuator |
| ✓ | CVT pressure control valves/valve body |
| ✓ | Transmission fluid temperature sensor |
| ✓ | Hydraulic control unit |
| ✓ | Transmission Park Position Sensor |
| ✓ | Even Gear Shaft Speed Sensor |
| ★ | Transmission Control Module (including software updates) |

### MISCELLANEOUS PARTS

| | |
|---|---|
| ✓ | Hoses, clamps, brackets, piping bolts and gaskets associated with these systems |

### OBD SYSTEM

| | |
|---|---|
| ✓ | CAN gateway (including software updates) |
| ★ | Data link connector (DLC) |
| ★ | Malfunction indicator lamp (MIL) |

★Indicates parts covered for 8 years/130,000 km.

# Hybrid System Parts List

**HYBRID SYSTEM**

| | |
|---|---|
| ✓ | Electronic Differential Oil Pump |
| ✓ | Electric Motor Control Module Coolant Pump Assembly |
| ✓ | Motor Control Module Coolant Radiator Assembly |
| ✓ | Motor Control Module Relay |
| ✓ | Motor Control Module Coolant Expansion Tank Assembly |
| ✓ | Bus Bars |
| ✓ | Motor Commutation Sensor |
| ✓ | Motor Rotor Position Sensor |
| ✓ | Motor Power Cable |
| ✓ | High Voltage Power Cables |

| | |
|---|---|
| ✓ | Hybrid Module Fan Assembly (including Air Ducts) |
| ✓ | High Voltage Motor Power Inverter Module Cable |
| ✓ | Motor Power Inverter Module/ Battery Module Fan Assembly (including Air Ducts) |
| ✓ | High Speed Motor Power Inverter Module Fan Control Relay |
| ✓ | Battery Current Sensor |
| ✓ | Motor Drive Module Capacitor |
| ✓ | Motor Current Sensor |
| ✓ | Battery module fuse |
| ✓ | High voltage contactor |
| ✓ | Bypass contactor and resistor |

| | |
|---|---|
| ✓ | Brake Pedal Reaction Force System |
| ✓ | Motor and gear powered brake cylinder |
| ✓ | Water pump assembly (Hybrid) |
| ✓ | Hybrid system relays |
| ✓ | Traction motor rotor position sensor |
| ✓ | Brake pedal position sensor |
| ✓* | Differential Electronic Fluid Pump |
| ✓* | Differential Fluid Pressure Sensor |
| ✓* | Differential Fluid Temperature Sensor |
| ✓* | Differential Brake Pressure Control Solenoid Valve |

✓* Indicates parts covered for MDX e-AWD only.

# Hybrid System Parts List

**HYBRID SYSTEM**

| | |
|---|---|
| ■ | Motor Stator |
| ■ | Motor rotor |
| ■ | Drive Motor Stators and Rotors (including all internal components and Position Sensors) |
| ■ | DC-DC Converter |
| ■ | Motor Control Module (including all internal components and software upgrades) |
| ■ | Battery assembly (including all internal components) |
| ■ | Battery condition monitor module |

| | |
|---|---|
| ■ | Battery module and temperature sensor |
| ■ | High voltage DC-DC converter cable |
| ■ | Battery Module Service Connector |
| ■ | PCU Assembly |
| ■ | Junction Board |
| ■ | IMA Motor Housing Assembly |
| ■ | Motor Stator Temperature Sensor |

■ Indicates parts covered for 8 years/160,000 km.

**4. YOUR RUST PERFORATION WARRANTY.**

*Five years. No distance limit.*

This warranty is your guarantee that your new Acura vehicle's body will be free from perforation due to corrosion from the inner surface through to the outer surface of the body for a period of five years from the date of first registration.

Components of the vehicle body include any moving or non-moving metal parts of the vehicle chassis, but do not include those components which form part of the vehicle power train, steering, suspension, braking, cooling, heating or exhaust systems, or metal trim and mouldings.

Application of additional corrosion inhibiting materials is unnecessary and not recommended by Acura.

**5. YOUR SURFACE CORROSION WARRANTY.**

*Four years or 80,000 km, whichever comes first.*

Surface corrosion is defined as corrosion affecting the readily visible surface area of any components of the vehicle's body. It does not include the vehicle underbody, external damage to paint or plated surfaces or corrosion caused by stone chips or other impacts.

This warranty guarantees that the surface of your new Acura's body will be free from any readily visible corrosion for a period of four years/80,000 km from the date of first registration.

Additionally, this warranty guarantees that your new Acura will be free from any paint related defects for four years/80,000 km.

If any defects which cause perforation or surface corrosion should be found and reported to an Acura dealer during the periods stated, Acura will repair or replace such defect to any original body panels, including those repaired or replaced under this warranty, provided that you demonstrate adherence to the care and maintenance guidelines as outlined in this booklet.

All defective parts replaced under this warranty become the property of Acura.

Please note, to retain full warranty coverage, body panels replaced due to accident or damage, must be genuine Acura parts or Acura-approved parts. Also, paint damage caused by road debris, acid rain, tree sap, bird droppings and industrial fallout are not covered by this warranty.

You will find further details on pages 19-21 of this booklet.

**6. YOUR AUDIO AND NAVIGATION COMPONENTS WARRANTY.**

*Four years or 80,000 km, whichever comes first.*

This warranty guarantees that each original equipment or genuine Acura accessory radio, DVD player and navigation system will be free from defects in material and workmanship for a period of four years/80,000 km from date of first registration.

If any defects should be found and reported to an Acura dealer within this period, necessary repairs or replacements with new or remanufactured Acura parts or Acura-approved equivalents will be made at no cost to you for parts and labour immediately upon Acura's acknowledgment that such defects are attributable to faulty material or workmanship at the time of manufacture.

Dealer installed audio and navigation components that are not genuine Acura are not covered by this warranty.

Pages 19-21 of this booklet contain any exceptions or exclusions from this warranty.

**7. YOUR BATTERY WARRANTY.**

*Four years or 80,000 km, whichever comes first.*

This warranty is your guarantee that the original battery installed in your new Acura will be free from defects in material and workmanship for a period of four years from date of first registration.

If any defects should be found and reported to an Acura dealer within the four year/80,000 km warranty period, the battery will be replaced at no cost to you for parts and labour immediately upon Acura's acknowledgment that such defects are attributable to faulty material or workmanship at the time of original manufacture.

Exclusions to this warranty are noted on pages 19-21 of this booklet.

**8. YOUR GENUINE ACURA ACCESSORY WARRANTY.**

*Four years or 80,000 km, whichever comes first.*

This warranty guarantees that Genuine Acura accessories installed by an Acura dealer at time of, or prior to, retail sale of the vehicle, will be free from defects in material and workmanship for a period of four years or 80,000 km from date of first registration.

Accessories installed by an Acura dealer after retail sale are warranted for the remainder of the four years/80,000 km, but not less than one year/20,000 km from the date of installation. Accessories purchased from but not installed by an Acura dealer are covered for one year/20,000 km from the purchase date.

EXCEPTIONS:

| | |
|---|---|
| Floor Mats | 1 year |
| Nose Masks | 1 year |
| Apparel | 30 days |
| Aluminum Rims | Surface finish damaged by external causes (i.e. car wash, curb, stone chipping, non OE wheel weights). |
| Light Bulbs | 1 year/20,000 km, whichever comes first. |

If any defects should be found and reported to an Acura dealer within the specified period, necessary repairs or replacements will be made at no cost to you immediately upon Acura's acknowledgment that such defects are attributable to faulty material or workmanship at the time of original manufacture. If the accessory was installed by anyone other than an Acura dealer, it will be repaired or replaced without charge for the parts, but you must pay the labour.

Exclusions to this warranty are noted on pages 19-21 of this booklet.

**9. YOUR GENUINE ACURA REPLACEMENT PARTS WARRANTY**

*One year or 20,000 km, whichever comes first.*

This warranty guarantees that Genuine Acura replacement parts purchased by you will be free from defects in material or workmanship for a period of one year/20,000 km from their date of purchase.

If any defects should be found and reported to an Acura dealer within this period, necessary repairs or replacements will be made at no cost to you immediately upon Acura's acknowledgment that such defects are attributable to faulty material or workmanship at time of original manufacture. If the part was installed by anyone other than an Acura dealer, it will be repaired or replaced without charge for the part, but you must pay the labour.

Exclusions to this warranty are noted on pages 19-21 of this booklet.

Parts or components replaced during the original vehicle warranties receive the balance of the original applicable warranty.

**10. YOUR REPLACEMENT MUFFLER LIFETIME LIMITED WARRANTY**

This warranty guarantees that genuine Acura replacement mufflers will be free from defects in material and workmanship for as long as the original purchaser of that muffler owns the Acura vehicle on which it was installed by an authorized Acura dealer.

If any defects should be found and reported to an Acura dealer, replacement will be made at no cost to you for parts or labour.

Exclusions to this warranty are noted on pages 19-21 of this booklet.

**11. YOUR TIRE WARRANTY**

The tires originally installed on your new Acura vehicle are warranted by their respective manufacturers and not by Acura. If an original tire on your new Acura has a defect in material or workmanship, please contact the tire manufacturer or ask your authorized Acura dealer for assistance.

# Exceptionally Few Exceptions.

**YOUR DISTRIBUTOR'S WARRANTY, MAJOR COMPONENT WARRANTY AND EMISSION CONTROL SYSTEMS WARRANTY COVER:**

Any factory installed part, except normal maintenance or expendable parts specifically listed in the following two paragraphs:

Normal maintenance includes wheel balance, alignment and tire rotation, brake and clutch adjustment, tightening of nuts, bolts and fittings, engine tune-up, headlight alignment, and general adjustments which may from time to time be required.

Expendable parts include replacement of spark plugs, filters, fuses, brake linings, clutch friction disc, belts, coolants, hoses, lubricants, and other parts subject to normal wear. Light bulbs are limited to 1 year/20,000 km. Floor mats are limited to one year.

**NO WARRANTY SHALL COVER:**

1. Any repairs required as a result of a lack of maintenance or use (e.g. recharging discharged batteries).

2. Any repairs required as a result of a collision, accident, neglect, racing, or misuse.

3. Any repairs required as a result of remodeling or modifications made to accommodate or install any accessories, attachments, parts or devices which have not been tested and approved by Acura.

4. Any vehicle on which the odometer or emission control systems have been altered, modified or remodeled and rendered inoperative or the true distance travelled cannot be determined.

5. Any warranty repair not diagnosed and/or performed by an authorized Acura dealer.

6. Deterioration due to normal wear or exposure.

7. Vehicles which have for any reason been declared a total loss or sold for salvage purposes or reconstruction, stolen, for which Honda has received a signed vehicle proof of loss claim form, or for which Honda has reason to believe have been subject to any of the conditions described herein.

8. Vehicles which have been repaired with parts not made or supplied by Acura, and this part is responsible for the failure or malfunction.

9. Damage to paint, glass, and other exterior items due to road hazards.

10. Resurfacing/replacing brake rotors due to corrosion, brake squeal or scoring.

11. Replacement of parts or components when a repair is deemed appropriate (e.g. brake rotor resurfacing or engine block reboring).

12. Replacement of batteries for the keyless entry or security key fobs over 1 year.

13. Any repairs for vehicles exported from Canada to other countries by individuals or organizations other than Honda Canada Inc., and where such vehicles are normally operated outside Canada.

14. Replacement or repair of audio and/or navigation components when damage or inoperation is due to fluid, broken or stuck DVDs or foreign objects in the compact disc/DVD/DVD carrier etc., are not warrantable.

# Exceptionally Few Exceptions.

**YOUR RUST PERFORATION AND SURFACE CORROSION WARRANTIES DO NOT COVER:**

1. Body panel rust caused by abuse or lack of maintenance.

2. Rust where paint has been damaged by normal road hazards such as stones and debris.

3. Rust caused by a body panel being submerged in water, sand or mud, or exposed to corrosive gas or environmental fallout.

4. Rusting or perforation of an accessory component.

5. Paint matching. Due to the effects caused by time and the environment, Acura reserves the right to decide whether painting the repaired or replaced panel to match the original finish is practical. Acura will not under any circumstances pay for painting the entire car solely for paint matching.

**YOUR GENUINE ACURA ACCESSORY WARRANTY DOES NOT COVER:**

1. Any accessory installed improperly on an Acura other than the year or model it was designed to fit.

2. Acura accessories purchased outside of Canada.

3. Any claim presented without adequate proof of accessory purchase and/or installation date and odometer reading at time of installation.

**YOUR GENUINE ACURA REPLACEMENT PARTS WARRANTY DOES NOT COVER:**

1. Any claim presented without adequate proof of purchase date, installation date and odometer reading at the time of installation.

2. Parts considered to be normal maintenance items such as filters, brake linings, etc., unless they are defective in material or workmanship.

3. Parts installed in vehicles used for racing, competition or off-road applications.

**YOUR REPLACEMENT MUFFLER LIFETIME LIMITED WARRANTY DOES NOT COVER:**

1. All other exhaust system parts such as pipes, hangers, clamps, gaskets or other mounting hardware.

2. Mufflers supplied as original equipment or any muffler installed while the Distributor's Warranty is in effect.

3. Replacement mufflers not originally installed by an Acura dealer.

4. Additional labour and/or exhaust system parts which are damaged while performing warranty repairs under this warranty.

**SPECIAL NOTES ON WARRANTIES AND RESPONSIBILITIES.**

The warranties set forth in this brochure are the only and the entire written warranties given by Acura with respect to your Acura vehicle.

1. No dealer or his agent or employee is authorized or empowered to extend or enlarge upon these warranties on behalf of Acura by any written or oral statement or advertisement (except through an Acura Plus extended warranty contract).

2. To the extent the law permits, Acura disclaims any responsibility for loss of time or use of the vehicle, transportation or towing cost (except as described in this booklet) and any other indirect, incidental or consequential damages, inconveniences or commercial loss.

3. Acura reserves the right at any time to make changes in design or specification of any Acura vehicle or any part, without notice and without incurring obligation to make or install similar changes on vehicles and/or parts previously purchased.

4. The provisions contained in the written warranties set forth above are not intended to limit, modify, take away from, disclaim or exclude any warranties set forth in the operation of the Consumer Products Warranty Act, 1977 (Saskatchewan), The Consumer Product Warranty and Liability Act (New Brunswick), The Consumer Protection Act (Quebec), or any other provincial or federal legislation.

**EMERGENCY REPAIRS**

Acura recognizes that your vehicle could develop a serious problem needing immediate repair when you are away from home and it was necessary to perform that repair at a facility other than an Acura dealer. Acura will reimburse you for the repair if:

- The repair would normally be covered by one of the warranties in this booklet.

and

- All Acura dealers within 150 km of the breakdown were closed at the time, or there were no Acura dealers within 150 km.

and

- The vehicle was immobile, or attempting to drive the vehicle would cause further damage or be unsafe.

and

- The repair was necessary to permit you to continue your trip to your destination or your home.

For reimbursement of repair costs, go to your local Acura dealer. You must show a copy of the paid receipt, and the replaced part(s). The dealer will reimburse you for the parts and you will be reimbursed for labour at a geographically-appropriate labour rate for Acura's recommended time allowance.

**EMERGENCY REPAIRS IN THE U.S.A.**

Warranty coverage on your Acura is provided by Honda Canada Inc. through Canadian Acura dealers. Canadians who are in the U.S. on vacation, or who are temporarily located in the U.S. for business reasons may obtain warranty coverage from a local U.S. Acura dealer. Because Canadian Warranty Coverage may differ from U.S. Warranties, owners of Canadian vehicles should have documentation with them to confirm the original date of purchase of their vehicle, entitlement to warranty coverage, as well as a copy of this Warranty book to indicate their applicable warranty coverage to the U.S. dealer.

**RELOCATING OUTSIDE CANADA OR EXPORTING YOUR VEHICLE**

New Acuras sold in Canada are designed to comply with Canadian safety and emissions standards. If you plan to export your Acura to another country and register it there, we recommend that you contact the Acura distributor or vehicle import agency in that country to determine their requirements. Honda Canada Inc. does not have this information.

Also, be advised that any modifications to your Acura that may be required to meet another country's standards may be expensive, and getting your Acura serviced in another country may be difficult.

**ACURA PLUS PUTS TIME ON YOUR SIDE.**

If you plan to drive your new Acura for a longer period of time or a higher number of kilometres than covered by the Acura warranties already mentioned, Acura Plus will be of interest to you.

Acura Plus offers you a choice of protection packages. Ask your Acura dealer for the Acura Plus package that meets your needs. These protection packages are:

| | Comprehensive | Roadside Assistance |
|---|---|---|
| 5 years/100,000 km | ✓① | ✓② |
| 6 years/100,000 km | ✓① | ✓② |
| 6 years/160,000 km | ✓① | ✓② |
| 7 years/130,000 km | ✓① | ✓② |
| 7 years/160,000 km | ✓① | ✓② |
| 7 years/200,000 km | ✓① | ✓② |
| 8 years/200,000 km | ✓① | ✓② |
| **FLEXIBLE PLAN** | | |
| First Period - 4 years/100,000 km | ✓① | |
| Second Period - 3 years/60,000 km | ✓③ | ✓② |
| - 4 years/100,000 km | ✓③ | ✓② |
| ----------OR---------- | | |
| First Period - 5 years/120,000 km | ✓① | ✓② |
| Second Period - 2 years/40,000 km | ✓③ | ✓② |
| - 3 years/80,000 km | ✓③ | ✓② |

ACURA | Plus

① Time starts from original vehicle registration date and ends at the time or distance travelled limitation, whichever comes first.
② Extends the original four(4) years Roadside Assistance.
③ Extends the First Period of coverage.

**LEASES.**

You can now protect your lease investment with a Flexible Plan. Here's how it works: at the time you lease your vehicle, you can pick up a Comprehensive Plan for the First Period. If you later purchase your vehicle, or determine that you will be driving more than the kilometre term purchased in the First Period of your lease, you have the option to upgrade your Flexible Plan for the Second Period of Coverage. The Second Period of Coverage must be purchased before the First Period of Coverage matures.

Regardless of whether you lease or purchase your vehicle, you will find the coverage to be both extensive and of the superior quality that is synonymous with the Acura name. Plans are transferable under most conditions, to the next owner, making your vehicle investment that much more appealing.

**ROADSIDE ASSISTANCE.**

As a valued owner of a new Acura vehicle, you are entitled to the Roadside Assistance Program, in addition to your "Manufacturer's Vehicle Warranties".

Acura Plus provides a network of more than 20,000 approved towing and roadside service facilities. Every one is pre-screened and qualified to provide round-the-clock towing and roadside assistance.

In the event of a breakdown or an emergency anywhere in Canada or while travelling in the United States (including the Lower 48 States, the District of Columbia, Alaska, Hawaii and Puerto Rico) simply call 1-800-565-PLUS (7587) and help will be on the way.

For a period of four (4) years, commencing from the date of first registration, Acura Plus Roadside Assistance will automatically provide you with Roadside coverage to minimize inconvenience resulting from unforeseen mechanical breakdowns, lockouts and accidents. Refer to your roadside assistance booklet for details.

**DON'T MAKE A MOVE WITHOUT LETTING YOUR ACURA DEALER KNOW.**

If moving to a new town, or a different part of town means changing Acura dealers, be sure you visit your new Acura dealer so that he or she may register you as an owner. Please do so as soon as possible. That way we'll be able to keep you up-to-date on important Acura news releases and money-saving promotions. Plus, you'll help avoid any lapses in your maintenance schedule or confusion in your warranty coverage.

**SAME ACURA. PROUD NEW OWNER.**

New or used, we're glad you chose Acura. And we'd like to keep in touch with you so that you can enjoy all the benefits of Acura product updates and special promotions for Acura owners. Your local Acura dealer will be pleased to see to it that you and your Acura are on our mailing list. So make the first trip in your Acura a visit to your Acura dealer.

**LEASING YOUR ACURA? YOU CAN STILL BE KEPT INFORMED.**

While your leased Acura is owned by the leasing company, you can still receive information updates and exciting special promotion releases directly from us. Simply visit your Acura dealer and register with him or her. That way you won't miss any of the added benefits that come with driving a new Acura.

**PLEASE ACCEPT OUR NEW PRIVACY STATEMENT BELOW:**

I understand that Acura, its affiliates, Dealers and service providers collect, use and disclose my personal information for the purposes of (i) completing my purchase, finance or lease transaction; (ii) maintaining my warranty and customer service records; (iii) conducting customer service campaigns; (iv) providing me with marketing information; and (v) for legal and other business purposes. I consent to Acura, its affiliates, Dealers and service providers contacting me by telephone or sending commercial electronic messages to me, including email and text messages. I can contact Acura at 1-888-922-8729 or 180 Honda Boulevard, Markham, Ontario, L6C 0H9, and my Dealer if I no longer consent to these uses and to update or correct my personal information.

## Problems Are No Problem For Your Acura Dealer.

Your Acura dealer should be able to solve any problem or answer any question regarding the service and operation of your Acura. Should a special problem arise, please follow these steps:

1. Contact the Service Manager at your dealership. If he or she is unable to resolve the matter;
2. Contact the Dealer Principal or General Manager of the dealership. Then, if necessary;
3. Contact Acura Client Services using the information below.

HONDA CANADA INC.
180 Honda Boulevard
Markham, ON
L6C 0H9
www.acura.ca

| | |
|---|---|
| Telephone Toll Free: | 1-888-922-8729 |
| Fax Toll Free: | 1-877-939-0909 |
| E-mail: | acura_cr@ch.honda.com |

Your complete satisfaction is our paramount goal. We will do all that is possible to ensure that your experience of owning and driving an Acura is always a pleasurable one.

## Our Dedication To Your Satisfaction Goes Even Farther.

Occasionally a customer complaint cannot be resolved through the three-step Customer Satisfaction Procedure described previously. If, after exhausting these procedures your problem is still not resolved, you have yet another option.

Acura endeavours to resolve all of customer vehicle concerns through our dealer network and with our direct assistance where necessary. Occasionally a customer complaint cannot be resolved despite our best efforts.

In these instances, you may wish to contact the Canadian Motor Vehicle Arbitration Plan (CAMVAP). CAMVAP is an independent organization that assists in resolving disputes with the manufacturer about defects in your vehicle's assembly or materials or, how the manufacturer is applying or administering its new vehicle warranty.

For more information on CAMVAP, and to obtain a copy of the CAMVAP consumer guide entitled "Your Guide to CAMVAP", please call 1-800-207-0685 or see CAMVAP's website (www.camvap.ca).

# With A Little Care, Your Acura Investment Will Pay Even Greater Dividends.

In designing and building your new Acura we have employed some of the most advanced rust-inhibiting treatments and techniques available. Double-sided, electro-galvanized steel has been used extensively and the rugged unit-body has been designed to eliminate many potential rust areas.

Our attention to these details, combined with a little extra attention on your part can help keep your Acura sparkling and rust-free a lot longer, especially when you know the tricks of the trade.

Rust is caused by two factors. The first is the accumulation of dirt and moisture in hard to get at cavities and other areas under your car. The second is the removal of paint and protective coatings on the outside and underneath the vehicle caused by stones, gravel or minor accidents.

While it is difficult to generalize, certain environmental conditions affect the rate of corrosion. Regions which experience high relative humidity, especially when temperatures are above the freezing point will be subject to accelerated corrosion. Also, regions where the atmosphere is affected by industrial pollution or where salt is used for de-icing roads are prime candidates for increased rates of corrosion.

**A GOOD WASHING DOES MORE GOOD THAN YOU'D THINK.**

You should wash your vehicle at regular intervals, and at least once a week under adverse conditions. When washing, be sure that your Acura is in the shade and the paint surface is cool. Begin by softening up the dirt on the under- side of the body and radiator area with a jet of water. Then rinse the entire body until the dirt is loosened up.

Next, wash the dirt off using a sponge and plenty of soapy water. A soap specialized for washing vehicles is available from your Acura dealer. Or a mild dish washing deter- gent mixed with fresh, clean, lukewarm (not hot) water may be used. After soaping, the vehicle should be rinsed thoroughly. After each washing, take a moment to inspect the body finish for any nicks or scratches in the paint which could give rust a place to begin.

Also, check the underside of the vehicle to ensure that it is free from built-up dirt and that all protective undercoatings are intact.

Be careful to clear out any drain holes in the bottom of the doors and tailgates. If your Acura has ventilation holes in the bottom of either the rocker panels or the rear fenders, they should also be cleared out. You should also inspect the strips adjoining all windows to ensure that they are diverting water from entering the body panels.

Hot water is not recommended, especially in freezing conditions as it may cause painted surfaces to crack. Also, in freezing conditions, do not wash your vehicle unless you can dry it completely. Door locks and rubber seals are particularly sensitive to damage caused by freezing.

During the winter months it is important to clean your Acura's underside with either high pressure water or steam. This should include the wheelhousings, bumpers, the muffler, tailpipe and brackets.

If you are unable to perform this yourself, you should locate a car wash equipped to perform this service.

In choosing a car wash you should be aware that recycled cleaning solutions which have not been adequately treated have proven to be contributing factors to corrosion. Check with your car wash operator. These recommendations also apply to vehicles used in areas known to be above normal in atmospheric salts (such as coastal regions) and those having above normal atmospheric corrosives such as sulphur dioxide.

**TOUCH UP TIPS.**

If any metal has been exposed due to scratches or chips from road debris, the area should be treated immediately, by your Acura dealer, a qualified auto body repair shop or yourself. If you choose to do the job yourself, here are some important pointers:

1. Scrape the damaged surface completely clean of any rust with sandpaper, a penknife or similar object.
2. Apply an anti-rust primer to the area and let it dry.
3. After drying, sand the edges for smoothness without exposing more metal.
4. Apply the matching touch-up paint which is available from your Acura dealer's Parts Department.

If only the exterior paint has been chipped, and no metal has been exposed, simply sand the edges smooth and apply the matching body paint.

Anytime you see an indication of either cosmetic or external corrosion, or perforation corrosion, however caused, you should attend to it immediately to prevent further damage.

Should your Acura sustain more serious body damage, you should have it restored to original condition by your Acura dealer or a qualified auto body shop. If you choose the latter, make certain that all replaced or repaired parts have been protected against corrosion.

Also, to maintain your Rust Perforation and Surface Corrosion warranties, ensure that only genuine Acura parts or Acura-approved parts are used as replacements.

**CHECK THE PASSENGER AND CARGO COMPARTMENTS.**

Not all corrosion begins on the outside of your vehicle. Moisture is often trapped under the floor carpets or trunk mats. In time, it can corrode and weaken the floor and trunk panels. You can help prevent this by removing any loose protective mats and allowing them, and the area under them, to dry. The use of a wet-type vacuum cleaner will also be helpful.

Certain cargoes, such as chemicals, fertilizer, cleaners, and de-icing salts are particularly corrosive in nature. Transporting these materials makes it necessary for owners to take special precautions to protect their vehicles from related corrosion.

**CHOOSE THE RIGHT MUD AND STONE SHIELDS.**

If you do much of your driving on gravel and loose stone surfaces, or on roads that are heavily salted, consider buying mud or stone shields which mount on the lower body edge behind each wheel. For best results, the shield should extend as close to the road as is practical. Small, purely decorative shields may be of little benefit. Also, be sure the fitting of such shields is also corrosion resistant. Your Acura dealer has mud and stone shields specifically designed for your Acura and will be pleased to properly install them for you.

**GARAGING YOUR ACURA.**

Many different factors will influence your decision whether to garage your new Acura or not.

If the garage is poorly ventilated or damp from driving the car in and out when wet or covered with snow, it is probably better to keep the vehicle outdoors. This is particularly true when the temperature is below freezing. However, if the vehicle is used less often and the garage is kept clean and dry, you should keep it garaged.

#### ALLOY WHEELS

Clean your Acura's aluminum alloy wheels as you do the rest of the exterior. Only use a mild, non-antibacterial detergent and soft brush or sponge to clean the wheels, and rinse them thoroughly. The wheels have a protective clear-coat that keeps the aluminum from corroding and tarnishing. Using harsh chemicals, including some commercial wheel cleaners, or stiff brushes can damage this clear-coat.

#### CARPETS

Vacuum the carpeting frequently to remove dirt. Use a foam-type carpet cleaner. Follow the instructions that come with the cleaner, applying it with a sponge or soft brush. Keep the carpeting as dry as possible by not adding water to the foam.

#### SEAT BELTS

If your seat belts get dirty, you can use a soft brush with a mixture of mild non-antibacterial soap and warm water to clean them. **Do not use bleach, dye, or cleaning solvents.** They can weaken the belt material. Let the belts air-dry before you use the car. You can use a clothes pin or binder clip fastener to keep the belt extended until it dries.

#### FABRICS

Vacuum dirt and dust out of the material frequently. For general cleaning, use a solution of mild soap and lukewarm water, letting it air dry. To clean off hard to remove spots, use a commercially available fabric cleaner. Test it on a hidden area of fabric first, to make sure it does not bleach or stain the fabric. Follow the instructions that come with the cleaner.

#### VINYL SURFACES

Remove dirt and dust with a vacuum cleaner. Wipe the vinyl with a soft cloth dampened in a solution of mild soap and water. Use the same solution with a soft- bristle brush on more difficult spots. You can also use commercially available spray or foam-type vinyl cleaners.

#### WINDOWS

Clean the windows, inside and out, with a commercially available glass cleaner. You can also use a mixture of one part white vinegar to ten parts water. This will remove the haze that builds up on the inside of the windows. Use a soft cloth or paper towels to clean all glass and clear plastic surfaces. The rear window defogger wires are bonded to the inside of the glass. Wiping vigorously up and down can dislodge and break the defogger wires. When cleaning the window, use gentle pressure and wipe side to side.

# The Parts And Service Your Acura Started With Are The Best To Stay With.

No one has the investment in genuine Acura parts, or a staff with the cumulative years of Acura service experience your Acura dealer does. That's a tremendous investment. Take advantage of it, and it can also be an investment that rewards you handsomely.

For one thing, you'll always know that your Acura is getting nothing less than genuine, guaranteed Acura parts designed by Acura for nothing less than the best fit and finish. And you can be sure they'll deliver all the performance and reliability that was engineered into your Acura in the first place.

The same thinking applies to your Acura dealer's service. Factory-trained technicians, using the latest diagnostic equipment and up-to-the-minute factory service bulletins, are simply better qualified to do a better job. And, of course, their work is guaranteed.

In terms of peace of mind, those two considerations alone are worth a great deal. And, when combined with your Acura dealer's highly competitive pricing, plus a regular schedule of special promotions, chances are you'll also realize some substantial savings.

Then there's the established fact that people who maintain their Acura to original equipment standards can expect fewer mechanical problems plus more value for their Acura at trade-in time.

This may make you feel uncomfortably like a captive audience, but we simply can't guarantee the quality of another manufacturer's parts or the calibre of someone else's service.

It all comes down to this. We set very high standards for the cars we manufacture as well as our replacement parts and service. Chances are, those high standards are one of the reasons you chose Acura in the first place. So, why risk compromising them now that you are a new Acura owner?

Your Acura dealer offers parts and service at very competitive prices. And along with it, quality you can count on. So keep the percentages in your favour by keeping your Acura 100% Acura.

# Preventive Maintenance. The Little Things You Do Can Add Up To A Lot.

**RECOMMENDED MAINTENANCE SCHEDULE**

Some parts of your new Acura will require servicing and replacement more regularly than others. Keeping your Acura's maintenance on schedule also helps keep your warranties valid.

**PLEASE FOLLOW THE MAINTENANCE REQUIREMENTS LISTED IN THE OWNER'S MANUAL, INDICATED BY THE MAINTENANCE MINDER (IF EQUIPPED) OR VISIT WWW.ACURA.CA IN THE SECTION ACURA OWNERS, SELECT ACURA SERVICE & PARTS, AND CLICK ON MAINTENANCE CALCULATOR.**

Between visits to your Acura dealer for scheduled maintenance, your Acura will respond most positively to a little care and attention from you. Here are a few things you can do to help reduce the possibility of future repairs.

**1. WASH WITH CARE.**

Caked up mud and salt on the underbody are a prime cause of body corrosion. So, take care to flush out the underbody with a garden hose or at the car wash. The chart on page 33 shows key areas you shouldn't overlook.

**2. THE FIRST STEP IN PROTECTING YOUR FINISH.**

Twice a year you should give your Acura a good waxing. This will help protect the finish. Always wax your Acura in the shade when the paint surface is cool. Covering over exposed metal helps prevent rust. So, if you find any minor scratches in the paint, your Acura dealer has touch- up paint to match your Acura's body colour. Dirt embedded in fabric causes it to wear more quickly, so it's a good idea to shampoo your Acura's interior occasionally - just like you do your home furniture.

**3. DON'T OVERLOOK LOOKING UNDER THE HOOD.**

All automobile engines tend to consume a little engine oil. This varies depending on your driving habits and the type of driving you do. Every second gas-up, it's wise to check your Acura's oil level.

**4. MAINTAIN ENGINE EFFICIENCY. CHECK YOUR COOLANT.**

The water and anti-freeze in your Acura's cooling system helps keep it running at the proper and most efficient temperature. This mixture evaporates slowly, therefore it should be checked periodically. Before the winter season, let your Acura dealer check the quality of your anti-freeze and restore it to its proper strength.

**5. A DIRTY AIR FILTER COSTS PERFORMANCE.**

Your Acura's engine needs a good supply of air for efficient fuel combustion. Over time, its air filter can become clogged, reducing performance and fuel economy. Ask your Acura dealer to inspect and replace this filter according to your maintenance schedule, especially if you do most of your driving on dusty roads.

**6. FRESH WIPERS MAKE A CLEAN SWEEP.**

Windshield wipers wear out through use and damage from the sun's ultra-violet rays. Because clear vision is essential to good driving, check your wipers from time to time. Your Acura dealer will have exact replacements if and when you need them. It's also a good idea to carry a spare.

**7. CLEAR THE ROAD AHEAD.**

Always keep your windshield washer reservoir topped up. And, periodically inspect the washer jets to make sure they're free of dirt and in good operating condition.

**8. WORN TIRES WARN OF OTHER PROBLEMS.**

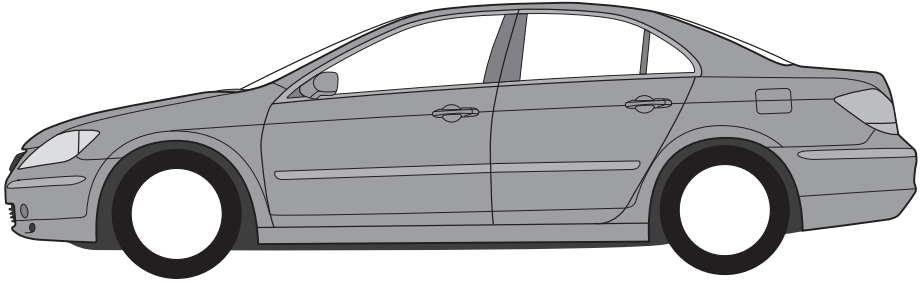
Tires that are over-inflated or under-inflated will not only have a negative effect on your Acura's precise handling, they'll also wear unevenly. Check your tires occasionally to see that they are inflated to the level recommended in your owner's manual. Check for uneven tread wear. It's a sign that precision adjustments are needed. Also, be sure to have your Acura dealer rotate your tires regularly to help extend tread life.

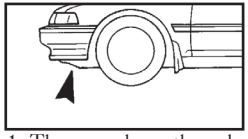
**ORIGINAL EQUIPMENT MEANS ORIGINAL QUALITY.**

Genuine Acura parts are the same as those which came with your new Acura. So their fit, quality and performance will be nothing less than Acura perfect. Your Acura dealer always has a good stock on hand for over-the-counter quick replacement when you need them.

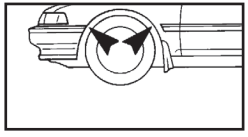
# A Good Wash Up Keeps Rust Down.

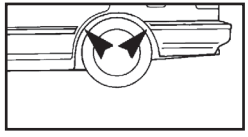
Eliminate build-ups of dirt and salt from your Acura's underbody, and you'll be doing a lot to help eliminate rust. Here are the prime locations that need a good hosing out from time to time.



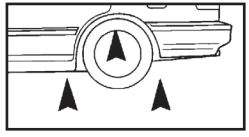


1. The area above the sub-frame may be washed out through access under the hood and from under the vehicle.

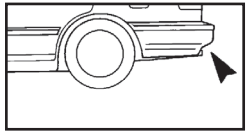




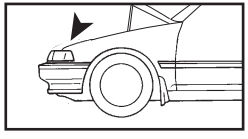
2. Wash the inside of the front and rear wheelhousings to prevent dirt and salt build-up.



3. Dirt and salt tend to build up on the control arm pivot mounts. A blast from your garden hose will keep them clear.



4. The inside of the rear bumper can trap dirt and salt. Rinse it out occasionally.



5. Spray the radiator fins from the back side (even behind the fan) to rinse away salt and sand that may accumulate in the radiator fins.

# Dealer Listing

You may obtain warranty service at any authorized Acura dealer in Canada. To locate an authorized Acura dealer, please visit www.acura.ca or contact Acura Canada at 1-888-922-8729.

BRIDGESTONE®

Firestone®

# TIRE MAINTENANCE, SAFETY and WARRANTY MANUAL

## ORIGINAL EQUIPMENT PASSENGER and LIGHT TRUCK TIRES

**Including RFT Tires with Run-Flat Technology**

**Congratulations! Your new vehicle comes equipped with quality BRIDGESTONE or FIRESTONE brand tires.**

To ensure optimum tire performance and reduce the risk of a tire failure, Bridgestone Americas Tire Operations, LLC strongly recommends you read and follow all maintenance and safety information contained in this manual. In addition, we recommend periodic inspection and maintenance, if necessary, by a qualified tire service professional.

# CONTENTS

# Inflate.

Check your tire pressure monthly.

# Rotate.

Rotate your tires as recommended by the vehicle manufacturer or every 5,000 miles.

# Evaluate.

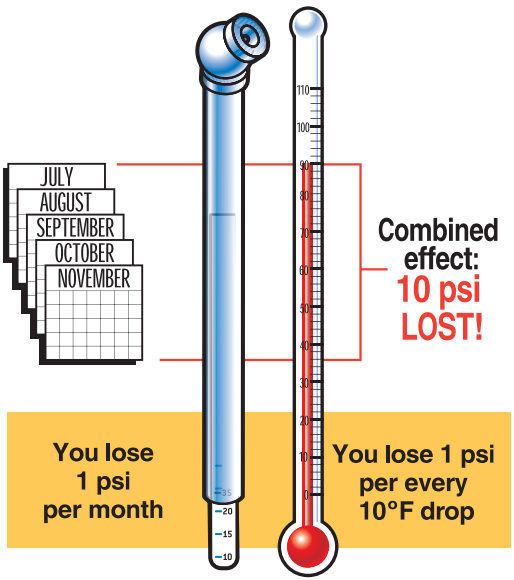
Routinely look for signs of tread wear or damage.

## *TIRE CARE BASICS*

**Quick Reference Guide to Maintenance for All Tires, Including the Spare.**

## TIRE INFLATION PRESSURE

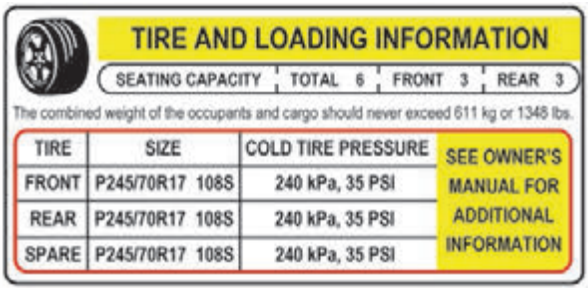
**Tires can lose 1 psi (pound per square inch) per month under normal conditions.** Additionally, tires can lose 1 psi for every 10° F temperature drop.



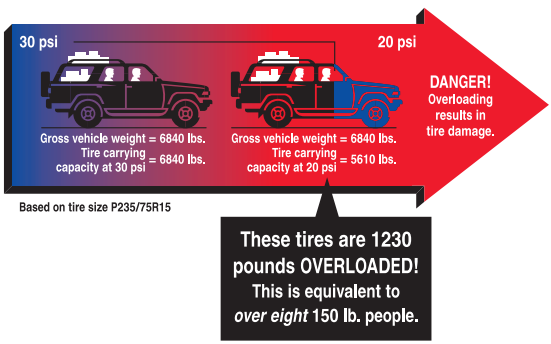

**Just a look won't do it.** One of these tires is actually 10 psi under-inflated. Your eyes can deceive you, so rely on a good tire gauge for an accurate reading.

**30 psi** **20 psi**

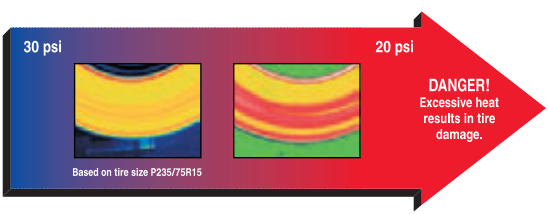
**Look for the manufacturer's recommended tire pressure listed on the sticker usually located on the driver's-side door edge or door jamb area. Example:**




**This chart shows you how underinflation can create an overload on tires.** Check your tire pressure every month to make sure it's up to specification, especially before long trips or carrying extra weight.




**Lower pressure increases heat.** Infrared photography of tires tested at high speed. Damaging heat increases as inflation pressure drops.



## AIR PRESSURE—MONTHLY CHECK

**For accuracy, check your inflation pressure with a tire gauge when tires are cold.**
Driving heats up tires and makes the reading incorrect.

**a)** Remove tire valve cap.

**b)** Place the end of the tire gauge over valve.

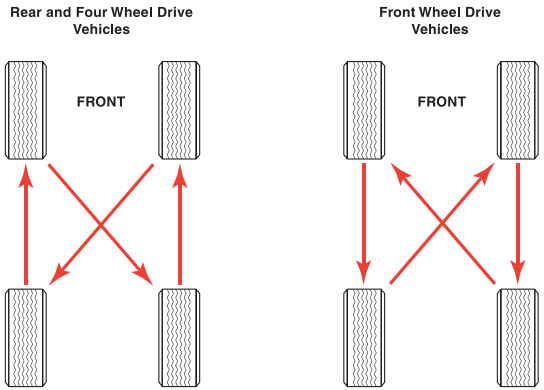
**c)** Press the tire gauge straight and firmly until the scale extends.

**d)** If needed, increase pressure and recheck with the tire gauge.

**e)** Replace valve cap.

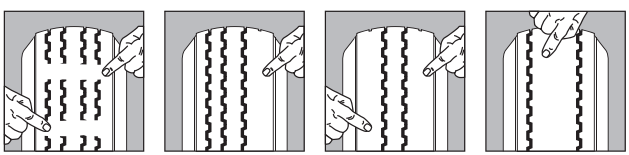
## TIRE ROTATION

**For maximum mileage, rotate your tires according to the vehicle manufacturer's recommendations (consult your vehicle owner's manual), or if not provided, rotate every 5,000 miles using a rotation pattern such as below (see "Radial Tire Rotation" in this manual).**




## TIRE WEAR—VISUAL CHECK

**Check for obvious signs of wear.**



*Exposed tread bars (replace)*

*Irregular shoulder wear (have inspected)*

*Shoulder wear (have inspected)*

*Center wear (have inspected)*

**Place a penny in the tire tread grooves as shown.** If you can see the top of Lincoln's head, the tire is worn out and needs to be replaced.

# TIRE MAINTENANCE and SAFETY INFORMATION

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.

***SAFETY WARNING***

Serious personal injury or death may result from a tire failure. Many tire failures are preceded by vibration, bumps, bulges or irregular wear. If a vibration occurs while driving your vehicle or you notice a bump, bulge or irregular wear, have your tires and vehicle evaluated by a qualified tire service professional.

**To reduce the risk of tire failure, Bridgestone Americas Tire Operations, LLC strongly recommends you read and follow all safety information contained in this manual. In addition, we recommend periodic inspection and maintenance, if necessary, by a qualified tire service professional.**

## TIRE FAILURE WHILE DRIVING

***SAFETY WARNING***

It is not often that a properly maintained tire will “blow out” while you are driving. More commonly, if inflation pressure is lost, it will be gradual. If you do experience a blowout or sudden tire failure, the following information should be helpful:

- When the failure occurs, you may hear a loud noise, feel a vibration, and/or the vehicle may pull toward the side of the failed tire.
- DO NOT abruptly brake or turn.
- Slowly remove your foot from the accelerator, hold the steering wheel firmly, and steer to maintain your lane position.
- Once the vehicle has slowed, apply the brakes gently.
- Gradually pull over to the shoulder and come to a stop, as far off the road as possible.

## TIRE INFLATION PRESSURE

Tires need proper inflation pressure to operate effectively and perform as intended. Tires carry the vehicle, passenger, and cargo loads and transmit the braking, acceleration, and turning forces. The vehicle manufacturer recommends the inflation pressures for the tires mounted on your vehicle.

## SAFETY WARNING

Driving on tires with improper inflation pressure is dangerous.

- Under-inflation causes excessive tire heat build-up and internal structural damage.
- Over-inflation makes it more likely for tires to be cut, punctured, or broken by sudden impact.

These situations can cause a tire failure, even at a later date, which could lead to serious personal injury or death. Consult the vehicle tire information placard and/or owner's manual for the recommended inflation pressures.

In addition to tire damage, improper inflation pressure may also:

- Adversely affect vehicle ride and handling.
- Reduce tire tread wear.
- Affect fuel economy.

Therefore, follow these important recommendations for tire and vehicle safety, mileage, and economy:

- **Always keep the vehicle manufacturer's recommended inflation pressure in all your tires, including the spare.**
- **Check their pressure monthly and before long trips or carrying extra weight.**

Your vehicle's tire information placard and/or owner's manual will tell you the recommended cold inflation pressure for all your tires, including the spare. Examples of placards are shown in Figures 1 and 2. Your placard may look differently and have different tire and loading information than that shown in either of the figures. **You must check the driver's-side door edge or door jamb area for the actual placard that applies to your vehicle.** For questions about locating or understanding the tire information placard, consult your vehicle owner's manual or ask a qualified tire service professional.

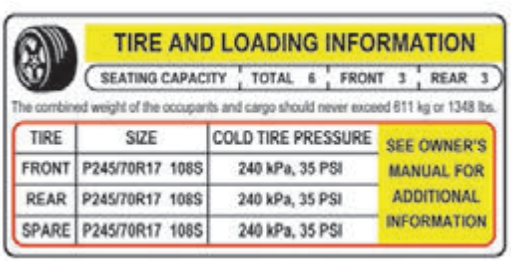



**Figure 1: EXAMPLE**—Tire and Loading Information Placard

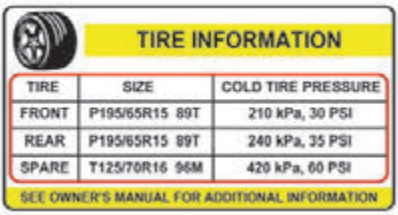



**Figure 2: EXAMPLE—**Tire Information Placard

**Maximum Pressure Indicated on the Tire Sidewall:** This is the maximum permissible inflation pressure for the tire only. The vehicle manufacturer's recommended tire pressures may be lower than, or the same as, the maximum pressure indicated on the tire sidewall. The vehicle manufacturer's specification of tire pressure is limited to your particular vehicle and takes into account your vehicle's load, ride, and handling characteristics, among other criteria. Since there may be several possible vehicle applications for a given tire size, a vehicle manufacturer may choose a different inflation pressure specification for that same size tire on a different vehicle. Therefore, always refer to the inflation pressure specifications on the vehicle tire information placard and/or in your vehicle owner's manual.

**Different Tire Pressures for the Front and Rear Tires:** For some vehicles, the recommended front and rear inflation pressures may be different (such as in the example shown in Figure 2). Make sure you take this into account during inflation pressure checks and when rotating tires.

**Pressure Loss:** Tires can lose 1 psi (7 kPa) per month under normal conditions and can lose 1 psi (7 kPa) for every 10°F (5.6°C) temperature drop. A puncture, leaking valve, or other damage could also cause inflation pressure loss. If a tire loses more than 2 psi (14 kPa) per month, have it checked by a qualified tire service professional.

## TIPS FOR SAFE TIRE INFLATION

### *SAFETY WARNING*

Inflating an unsecured tire is dangerous. If it bursts, it could be hurled into the air with explosive force resulting in serious personal injury or death. Never inflate a tire unless it is secured to the vehicle or a tire mounting machine.

- Check your tire pressures, including your spare tire, monthly and before long trips or carrying extra weight. Be sure to use an accurate pressure gauge.
- Check inflation pressure when the tires are "cold." Tires are considered "cold" when the vehicle has been parked for three

hours or more, or if the vehicle has been driven less than a mile at moderate speed.

- Never release pressure from a hot tire in order to reach the recommended cold tire pressure. Normal driving causes tires to run hotter and inflation pressure to increase. If you reduce inflation pressure when your tires are hot, you may dangerously underinflate your tires.
- If it is necessary to adjust inflation pressure when your tires are "hot," set their pressure to 4 psi (28 kPa) above the recommended cold inflation pressure. Recheck the inflation pressure when the tires are cold.
- If your tires lose more than 2 psi (14 kPa) per month, the tire, the valve, or wheel may be damaged. Consult a qualified tire service professional for an inspection.
- Use valve caps to keep the valves clear of debris and to help guard against inflation pressure loss.

## TIPS FOR SAFE LOADING

### *SAFETY WARNING*

Driving your vehicle in an overloaded condition is dangerous. Overloading causes excessive tire heat build-up and internal structural damage. This can cause a tire failure, even at a later date, which could lead to serious personal injury or death. Consult the vehicle tire information placard, certification label, and owner's manual for the recommended vehicle load limits and loading recommendations.

- Always keep the vehicle manufacturer's recommended inflation pressure in all your tires, including the spare. Check their pressure monthly and before long trips or carrying extra weight.
- Never exceed the maximum load rating stamped on the sidewall of your tire.
- Never exceed the gross vehicle weight rating (GVWR) or front/rear gross axle weight ratings (GAWR) of your vehicle.
- Consult your vehicle owner's manual for load recommendations and special instructions (such as for trailer/towing and snow plow installations).

## TIRE DAMAGE, INSPECTION AND SERVICE LIFE

Evaluation and maintenance of your tires is important to their performance and the service they provide to you. Over time and/or through use, the condition of a tire can change from exposure to everyday road conditions, the environment, damaging events such as punctures, and other external factors.

## SAFETY WARNING

Driving on damaged tires is dangerous. A damaged tire can suddenly fail causing serious personal injury or death. Have your tires regularly inspected by a qualified tire service professional.

You should visually inspect your tires on a regular basis throughout their life, and you should have your tires periodically evaluated by a qualified tire service professional when your vehicle is serviced such as routine maintenance intervals, oil changes, and tire rotations. In particular, note the following tips for spotting tire damage:

- After striking anything unusual in the roadway, have a qualified tire service professional demount the tire and inspect it for damage. A tire may not have visible signs of damage on the tire surface. Yet, the tire may suddenly fail without warning, a day, a week, or even months later.
- Inspect your tires for cuts, cracks, splits or bruises in the tread and sidewall areas. Bumps or bulges may indicate a separation within the tire body. Have your tire inspected by a qualified tire service professional. It may be necessary to have it removed from the wheel for a complete inspection.
- Inspect your tires for adequate tread depth. When the tire is worn to the built-in indicators at 2/32 inch (1.6 mm) or less tread groove depth, or the tire cord or fabric is exposed, the tire is dangerously worn and must be replaced immediately.
- Inspect your tires for uneven wear. Wear on one side of the tread or flat spots in the tread may indicate a problem with the tire or vehicle. Consult a qualified tire service professional.
- Inspect your wheels also. If you have a bent or cracked wheel, it must be replaced.
- Don't forget to check the spare tire.

Make sure your tires, including the spare tire, continue to be regularly inspected after 5 years of service to determine if they can continue in service. Even when your tires appear to be usable from their external appearance or the tread depth may have not reached the minimum wear out depth, it is recommended that all tires (including spare tires and "temporary use" spares) more than 10 years old be replaced with new tires.

The 10 year period after the date of production is not an indicator of actual service life for any individual tire. Some tires will need to be replaced 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.

The vehicle manufacturer may consider vehicle performance characteristics when making tire replacement recommendations. Consult your vehicle owner's manual for any information regarding tire service life and replacement and follow the recommendations applicable to your vehicle.

## 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. For more information on DOT serial codes, see "Tire Sidewall Labeling" in this manual.

**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.

**18th WEEK YEAR 2000**


**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 in "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 REPAIRS

### *SAFETY WARNING*

Driving on an improperly repaired tire is dangerous. An improper repair can be unreliable or permit further damage to the tire. The tire may suddenly fail, causing serious personal injury or death. A complete inspection and repair of your tire in accordance with Rubber Manufacturers Association (RMA) procedures should be conducted by a qualified tire service professional.

While the comprehensive procedures and recommendations for tire repair are beyond the scope of this manual, a proper tire repair includes the following:

☑ **The tire is demounted from the wheel for a complete inspection, inside and out**. Some damage to the tire may only be evident on the interior of the tire.

☑ **The puncture injury is 1/4 inch (6 mm) or less and must be within the tread area as shown in the graphic.** This helps ensure long-term tire and repair durability.

☑ **A patch is applied to the interior of the tire and the puncture hole is filled with a suitable plug/stem filler.** This helps ensure that the interior of the tire is adequately sealed to prevent inflation pressure loss and prevents contamination of the steel belts and other plies from the elements (such as water) in the outside world.


**PATCH + PLUG/STEM** **PATCH ONLY** **PLUG/STEM ONLY**

**Additional notes about tire repairs:**

- Not all punctured or damaged tires can be properly repaired; consequently, they must be replaced. NEVER repair a tire with any of the following conditions:
  – Wear to the tire's built-in treadwear indicators or to 2/32 inch (1.6 mm) remaining tread depth in any area of the tread.
  – With a puncture larger than 1/4 inch (6 mm).
  – With a puncture or other damage outside the repairable tread area (as shown in the graphic).
  – With a pre-existing, improper repair.
- Any tire repair done without removing the tire from the wheel is improper. The tire must be demounted from the wheel and the interior inspected for damage that may not be evident on the exterior of the tire.
- Using only a plug/stem, or using only a patch, is not a safe or proper repair. A patch must be applied to the interior of the tire and the puncture hole must be filled with a suitable plug/stem filler to prevent inflation pressure loss and contamination of the steel belts and other plies.
- NEVER substitute a tube for a proper repair or to remedy an improper repair.
- Tubes, like tires, should only be repaired by a qualified tire service professional.
- Some vehicle manufacturers do not recommend using repaired tires. Consult your vehicle owner's manual or contact the vehicle manufacturer before operating a repaired tire on your vehicle.

**ASK how your tire will be repaired.**
**ALWAYS insist on a proper tire repair.**

**Emergency/Temporary Sealant or Filler Repairs:** An emergency/temporary sealant or filler injected into the tire, such as by aerosol can or injection/squeeze-tube, is not a proper repair and voids the tire Limited Warranty. A tire injected with such sealant/filler must be replaced by a qualified tire service professional as soon as possible.

### *SAFETY WARNING*

Tell the tire service professional if you have used an aerosol fixer to inflate/seal the tire. Aerosol fixers could contain a highly volatile gas. Always remove the valve core outdoors, away from sources of excessive heat, flame, or sparks and completely deflate the tire before removing it from the wheel.

**Speed Rating:** The tire's speed rating is void if the tire is repaired, retreaded, damaged, abused, or otherwise altered from its original condition. Thereafter, it should be treated as a non-speed rated tire. See "Tire Speed Ratings" in this manual.

**Improper repair voids the tire Limited Warranty.** See "Limited Warranty" in this manual.

**RFT (Run-Flat Technology) Tires:** In addition to the above, there are recommendations specific to the repair of RFT tires; see "RFT Tires with Run-Flat Technology" in this manual.

## TIRE MOUNTING AND OTHER SERVICING

### *SAFETY WARNING*

Removing and replacing tires on wheels can be dangerous. Attempting to mount tires with improper tools or procedures may result in a tire explosion causing serious personal injury or death. This is only a job for a qualified tire service professional. Never perform tire service procedures without proper training, tools, and equipment.

**This manual is not intended to provide proper training or service procedures for tire mounting, demounting, balancing, rotation, or repair. Please leave these tasks to qualified tire service professionals. For your safety and that of others:**

- Always stand well clear of any tire mounting operation. This is especially important when the service operator inflates the tire. If the tire has been improperly mounted, it may burst with explosive force causing serious personal injury or death.

- Tires must match the width and diameter requirements of the wheels. For example, 16 inch diameter tires must only be mounted to 16 inch diameter wheels. Radial tires must only be mounted to wheels approved for radial tires.
- Wheels must be free of cracks, dents, chips, and rust. Tires must be free of bead damage, cuts, and punctures.
- Never inflate a tire beyond 40 psi (275 kPa) to seat the beads. Be absolutely certain beads are fully seated before adjusting inflation pressure to the level recommended for vehicle operation.
- Never put flammable substances in tire/wheel assemblies at any time. Never put any flammable substance into a tire/wheel assembly and attempt to ignite to seat the beads.
- Always stand well away from the work area when tires are being spin balanced either on or off the vehicle.

## HIGH PERFORMANCE, LOW ASPECT RATIO TIRES

Many new vehicles come equipped from the factory with high performance and/or low aspect ratio tires. Generally, these tires provide increased vehicle handling capability, but may also have numerous engineering performance trade-offs associated with their designs.

- Low aspect ratio tires, with reduced sidewall height, may be more susceptible to damage from potholes, road hazards, and other objects such as curbs. This is true for the wheels as well. Therefore, as with all other tires, it is important to drive with care and maintain proper inflation pressure and load conditions. See “Tire Inflation Pressure” and “Tire Damage, Inspection and Service Life” in this manual.
- Some sports cars and other handling performance enhanced vehicles, including sedans and light trucks/SUVs, may be originally equipped with high performance tires that are more optimized for warmer weather use. Colder, winter weather traction may be reduced for these types of tires. Winter tires may be recommended by the vehicle manufacturer for colder weather application. See “Winter Tires,” the next section in this manual.
- High performance tires may also wear more quickly, ride more firmly, and produce more noise during operation.

Consult your vehicle owner’s manual and tire information placard, or a qualified tire service professional, for more information and specifics regarding these types of tires.

## WINTER TIRES

### SAFETY WARNING

Winter driving presents special challenges for vehicle mobility. The use of winter tires (including studs and chains)—while improving traction performance in snow and ice—requires special care with regard to acceleration, braking, cornering, and speed. It is important to drive with care, not only on snow and ice, but on dry and wet roads as well.

In winter driving conditions, vehicle control and safe operation under braking and cornering is especially dependent upon the rear tires. For this reason, winter tires are best applied to all wheel positions. Some vehicles have specific recommendations regarding winter tire use; consult your vehicle owner's manual and tire information placard.

- If winter tires are to be applied to the front axle of any vehicle, they must also be applied to the rear axle for safe operation. This applies to all passenger cars and light trucks, including front wheel drive, 4x4, and all-wheel-drive vehicles.
- If winter tires are to be applied to the rear axle of any vehicle, it is recommended that they also be installed on the front axle.
- It is generally acceptable to apply a tire with a lower speed rating than your original tires for use in winter weather conditions; however, speed should be reduced accordingly. All winter tires should be the same speed rating. See "Tire Speed Ratings" in this manual.
- Winter tires used in warmer, summer weather conditions may wear more rapidly.
- Studded winter tires follow the same recommendations as above; consult a qualified tire service professional for information regarding any seasonal restrictions.

## TIRE MIXING

### SAFETY WARNING

Driving your vehicle with an improper mix of tires is dangerous. Your vehicle's handling characteristics can be seriously affected. You could have an accident resulting in serious personal injury or death. Consult your vehicle owner's manual and a qualified tire service professional for proper tire replacement.

## HIGH SPEED DRIVING

### SAFETY WARNING

Driving at high speed is dangerous and can cause a vehicle accident, including serious personal injury or death.

- Regardless of the speed and handling capabilities of your car and its tires, a loss of vehicle control can result from exceeding the maximum speed allowed by law or warranted by traffic, weather, vehicle, or road conditions.
- High-speed driving should be left to trained professionals operating 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. See "Tire Speed Ratings," the next section in this manual.

**Refer to your vehicle owner's manual for any tire pressure recommendations for high speed driving.**

## TIRE SPEED RATINGS

A tire bearing a letter "speed rating" designation indicates the tire's speed capability according to standardized laboratory tests. This speed rating system is intended to permit comparison of the speed capabilities of different tires. When replacing your tires, consult your vehicle owner's manual and tire information placard for recommendations, if any, concerning the use of speed rated tires.

- To avoid reducing the speed capability of the vehicle, replace a speed rated tire only with another tire having at least the same speed rating. It is the "top speed" of the "slowest" tire on the vehicle which limits the vehicle's top speed without tire failure.
- The tire's speed rating is void if the tire is repaired, retreaded, damaged, abused, or otherwise altered from its original condition. Thereafter, it should be treated as a non-speed rated tire.
- Non-speed rated tires are usually for ordinary passenger car or light truck service and not for high speed driving.
- For winter tires used in cold weather conditions, it is generally acceptable to apply a tire with a lower speed rating than your original tires; however, speed should be reduced accordingly. All winter tires should be the same speed rating. Some vehicles have specific recommendations regarding winter tire use; consult your vehicle owner's manual and tire information placard. See "Winter Tires" in this manual.

These speed ratings are based on standardized laboratory tests under specific, controlled conditions. While these tests may relate to performance on the road, real-world driving is rarely identical to any test conditions. Your tire's actual speed capability may be less than its rated speed since it is affected by factors such as inflation pressure, load, tire condition (including damage), wear, vehicle condition (including alignment), driving conditions, and duration at which the speed is sustained. Use the following chart to compare the speed ratings of tires.

| Speed Symbol | Speed Category* | |
|---|---|---|
| | mph | km/h |
| M | 81 | 130 |
| Q | 99 | 160 |
| R | 106 | 170 |
| S | 112 | 180 |
| T | 118 | 190 |
| U | 124 | 200 |
| H | 130 | 210 |
| V | 149 | 240 |
| Z** | >149 | >240 |
| W | 168 | 270 |
| Y | 186 | 300 |
| (Y)*** | >186 | >300 |

The tire's speed rating designation appears on the tire sidewall with the tire size. Examples:

| | | |
|---|---|---|
| P275/40ZR17 | | max > 149 mph (240 km/h)**** |
| P275/40R17 | 93W | max = 168 mph (270 km/h) |
| P275/40ZR17 | 93W | max = 168 mph (270 km/h) |
| P275/40ZR17 | 93Y | max = 186 mph (300 km/h) |
| P275/40ZR17 | 93(Y) | max > 186 mph (300 km/h) **** |

* In standardized laboratory tests that relate to highway speeds. Actual tire speed and performance capability depend on factors such as inflation pressure, load, tire condition, wear, and driving conditions.
** Any tire having a maximum speed capability above 149 mph (240 km/h) may, at the tire manufacturer's discretion, include a "Z" in the size designation (i.e. P275/40ZR17).
*** For tires having a maximum speed capability above 186 mph (300 km/h), a "Z" must appear in the size designation and a "Y" marked in brackets (as shown) in the service description.
**** Consult the tire manufacturer for maximum speed capability.

## TIRE SPINNING

### *SAFETY WARNING*

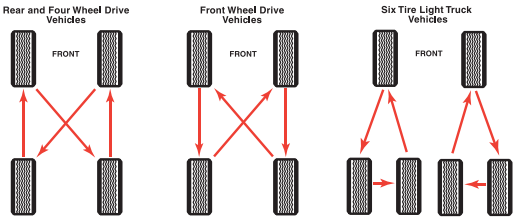
Spinning a tire to remove a vehicle stuck in mud, ice, snow, or wet grass can be dangerous. A tire spinning at a speedometer reading above 35 mph (55 km/h) can in a matter of seconds reach a speed capable of disintegrating a tire with explosive force. Under some conditions, a tire may be spinning at a speed twice that shown on the speedometer. This could cause serious personal injury or death to a bystander or passenger. Never spin a tire above a speedometer reading of 35 mph (55 km/h).

## RADIAL TIRE ROTATION

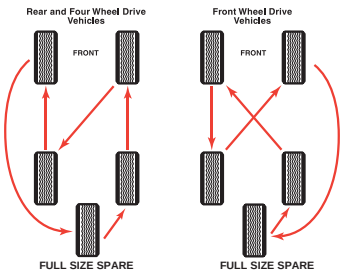
The purpose of tire rotation is to minimize irregular or uneven wear caused by maintaining a tire in one rotation direction and one position over an extended period. Rotate tires as recommended by the vehicle manufacturer or every 5,000 miles. Individual tire pressures must be checked after rotation and adjusted to the vehicle manufacturer's recommendation for the

tire's new location on the vehicle. Vehicle alignment should be checked if irregular wear is evident.

For vehicles with a "temporary use" spare tire, follow the vehicle manufacturer's recommended pattern for rotation, or, if not provided, the following may be used:




If your spare is the same size, load rating, and type of tire as your road tires, it should be included in the tire rotation process. For vehicles with a "full-size" spare, the following rotation patterns may be used:




**Note:**

- Never include a "temporary use" spare tire in the rotation.
- Tires with directional tread patterns must be rotated so the direction of revolution does not change; this may require demounting/mounting the tires.
- Special attention should be given if your vehicle is equipped with a Tire Pressure Monitoring System (TPMS). Rotation of your tires may affect the system; consult your vehicle owner's manual or a qualified tire service professional.
- Some vehicles may have different size tires/wheels on front and rear which would restrict rotation. Always check and follow the vehicle manufacturer's rotation recommendation.
- To use a full-size spare in the rotation pattern on vehicles with dual rear wheels, consult your vehicle owner's manual for the recommended procedures or consult the vehicle manufacturer.

## YOUR SPARE TIRE

Consult your vehicle owner's manual for proper application of your spare tire. Your car may be equipped with a "temporary use" spare tire; this spare may differ in size and construction from the other tires on your vehicle.

***SAFETY WARNING***

Check inflation pressure before use. Failure to have proper inflation pressure when using your spare tire can result in serious personal injury or death. See "Tire Inflation Pressure" in this manual.

***SAFETY WARNING***

Mounting a “temporary use” tire on a wheel which is not specifically designed for it, or placing another type tire on a wheel designated for temporary use can be dangerous. Your vehicle’s handling characteristics can be seriously affected. You could have an accident resulting in serious personal injury or death. Consult your vehicle owner’s manual for proper application of your “temporary use” spare tire.

The spare tire in your vehicle is intended to be used as a spare when needed. The spare tire carrier is not intended to be used for long term storage, except for “temporary use” tires. If your spare is the same size, load rating, and type of tire as your road tires, it should be included in the tire rotation process; see “Radial Tire Rotation” in this manual for more information.

The spare should be included in regular tire inspections and inflation pressure checks. In addition, it should be replaced 10 years after date of manufacture, regardless of condition or tread depth. For more information, see the “Tire Damage, Inspection and Service Life” in this manual.

## TIRE STORAGE

Tires should be stored indoors in a cool, dry place where water cannot collect inside them. Tires should be placed away from electric generators/motors and sources of heat such as hot pipes. Storage surfaces should be clean and free of grease, gasoline or other substances which can deteriorate the rubber.

***SAFETY WARNING***

Improper storage can damage your tires in ways that may not be visible and can lead to a failure resulting in serious personal injury or death.

The spare tire in your vehicle is intended to be used as a spare when needed. The spare tire carrier is not intended to be used for long term storage, except for “temporary use” tires. For more information, see “Your Spare Tire” and “Radial Tire Rotation” in this manual.

## TIRE SERVICE CUSTOMER SATISFACTION

Normal tire maintenance and Limited Warranty services are available at locations across the U.S.A. and Canada. For more information, visit us on the internet at www.bridgestonetire.com, or please call the Technical Service Department:

U.S.A.: (1-800-356-4644) or Canada: (1-800-267-1318).

Additional information on the care and service of automobile and light truck tires is available from the following organizations:

Rubber Manufacturers Association
1400 K Street, N.W.
Washington, DC 20005-2403
www.rma.org

Rubber Association of Canada
2000 Argentia Road, Plaza 4, Suite 250
Mississauga, Ontario L5N 1W1
www.rubberassociation.ca

## TIRE REGISTRATION

Registration of your tires is an important safety precaution since it enables the manufacturer to notify you in the event of a recall. When you purchase replacement tires, the retailer will provide a registration card on which the tire identification numbers have been recorded; fill in your name and address on the card and mail it promptly. Some retailers may submit the registration for you. You do not need to register tires which come as original equipment on new vehicles—the vehicle and tire manufacturers handle that for you.

## RFT TIRES with RUN-FLAT TECHNOLOGY

If your vehicle is equipped with Bridgestone or Firestone brand RFT tires, this chapter presents specific maintenance and safety issues associated with these tires that are in addition to those covered elsewhere in this manual.

**What is RFT?** Run-Flat Technology tires are extraordinary tires that utilize specially designed components to temporarily support your vehicle in the event of inflation pressure loss, such as from a puncture. This gives you the ability to drive to a convenient and safe location to change your tire (if equipped with a spare) or have it inspected for possible repair or replacement.

Naturally, certain run-flat and low pressure operating limitations apply, which varies according to the specific self-supporting tire design. Like all tires, during normal operation, they must be properly inflated and maintained. Regardless of the design or quality, no tire is indestructible.

**RFT—How to Identify:** Bridgestone and Firestone brand tires are marked on the sidewalls, near the wheel, with the RFT logo (shown above).

## RFT INFLATION PRESSURE

Like other tires, RFT tires need proper inflation pressure maintenance for safe operation and to achieve the maximum tire life and performance. Check inflation pressures monthly and before long trips or carrying extra weight. Use an accurate tire gauge and check pressures when the tires are cold. Follow the vehicle manufacturer's recommendation for inflation pressure settings as indicated on the vehicle tire information placard and/or in the vehicle owner's manual. Do not forget the spare, if applicable. See "Tire Inflation Pressure" in this manual.

## TIRE PRESSURE MONITORING SYSTEM (TPMS)

A functioning tire pressure monitoring system (TPMS) must be used with your RFT tires. Because these tires ride so well even without inflation pressure, the TPMS may be necessary to alert you of an inflation pressure loss condition. When alerted, follow the instructions in your vehicle owner's manual and see "Run-Flat or Low Tire Pressure Operation," the following section in this manual.

The vehicle or TPMS manufacturer may advise checking the TPMS regularly to confirm it is in working order. In addition, a

new pressure sensor, certain components, or reprogramming may be necessary when a tire is serviced. Consult your vehicle owner's manual, vehicle manufacturer, or a Bridgestone Firestone Run-Flat Certified Retailer for questions regarding TPMS operation and service.

## RUN-FLAT or LOW TIRE PRESSURE OPERATION

### *SAFETY WARNING*

Serious personal injury or death may result from a tire failure or accident due to improper run-flat or low tire pressure operation. Read and follow the instructions below, and the other maintenance and safety recommendations elsewhere in this manual.

**General Instructions**

The Tire Pressure Monitoring System (TPMS) required in your vehicle may have different methods of alerting you when your tire has lost inflation pressure. The international standard for the definition of run-flat operation is pressure at or below 10 psi (70 kPa); however, some vehicle manufacturers may have established a different pressure limit. Consult your vehicle owner's manual for the details of your TPMS. Once the TPMS has indicated that a tire has reduced inflation pressure, the run-flat mode of operation has commenced. During this phase of operation, please follow these instructions:

- **Reduce speed as much as safely and reasonably possible; do not exceed 50 mph (80 km/h).** The greater the speed, the less distance the tire can travel.
- **Avoid abrupt or aggressive acceleration, braking, or cornering maneuvers as much as safely and reasonably possible.** Pot holes and other road hazards should be avoided. Careful driving limits potential damage to the tire, wheel, and vehicle.
- **Proceed to a safe and convenient location for tire service as soon as possible.** Take note of your mileage; your operation distance is limited. See "Distance—How Far You Can Drive," the next section in this manual.
- **If an unusual vibration or vehicle handling difficulty arises, stop driving as soon as safely and reasonably possible.** The tire may be about to suddenly fail. Release the accelerator and gradually reduce speed. The tire will need to be replaced before proceeding.
- **If towing a trailer, stop driving as soon as safely and reasonably possible. In this condition, it is potentially dangerous to operate a vehicle/trailer combination.** If possible, disconnect the trailer and proceed as noted above. Do not continue to tow any trailer until proper tire service or replacement has been performed.
- **Do not touch a tire recently run-low or run-flat (it may be very hot).** Allow the tire to cool before handling.

## DISTANCE—HOW FAR YOU CAN DRIVE

Factors affecting run-flat or low tire pressure operating distance include vehicle speed, load, and maneuvering; the amount of inflation pressure loss; the extent of any tire damage; and ambient temperature.

The tire may be marked on the sidewall with run-flat or low tire pressure operating speed and/or distance limitations, which vary by tire design and vehicle application (consult your vehicle owner's manual). By international standard, RFT tires have a baseline limitation in run-flat mode of the following:

| | |
|---|---|
| Maximum Speed: | 50 mph (80 km/h) |
| Maximum Distance: | 50 miles (80 km) |

**Note:**
- Maximum distance values are determined under controlled conditions, which may vary in actual use.
- Your mileage capability may be less, or more, depending on your specific operating conditions.
- If in doubt, do not exceed the 50 mile (80 km) limitation.
- Seek tire service as soon as possible to minimize tire damage.

## SPECIAL SERVICE and REPAIR ISSUES

**Run-Flat Certified Retailers**
Because of the advanced technology and design of RFT tires and the required tire pressure monitoring systems (TPMS), Bridgestone Firestone Run-Flat Certified Retailers are specially trained to sell and service RFT tires.

Run-Flat Certified Retailers have the necessary equipment and are specially trained to properly mount and demount RFT tires and to handle TPMS devices. **Conventional mounting equipment may irreparably damage RFT tires and an improper repair is unsafe and will void the Limited Warranty.** Accordingly, it is important to go to a Bridgestone Firestone Run-Flat Certified Retailer for tire maintenance and replacement.

Call toll-free 1-877-BFS-4RFT or visit www.bridgestonetire.com to locate the nearest Bridgestone Firestone Run-Flat Certified Retailer.

**Inspection after Run-Flat or Low Pressure Operation**
Following run-flat or low tire pressure operation, or in the event of any other tire damage or unusual condition, it is very important to obtain a proper and complete tire evaluation as soon as possible.

**Rotation**
Follow the vehicle manufacturer's recommendations, or rotate every 5,000 miles per the recommendations in this manual (see "Radial Tire Rotation"). In some cases, TPMS devices require reprogramming with each tire rotation.

**RFT Tire Replacement**
Do not replace or mix RFT tires with conventional tires, unless on an emergency/temporary basis. Conventional tires do not have run-flat capability and the handling characteristics of the vehicle with these tires may be different. If a conventional tire is used on an emergency/temporary basis, verify that its size, load capacity, inflation pressure, and speed rating specifications meet the requirements of the vehicle. Replace any conventional tire with the proper RFT tire as soon as possible.

**RFT Tire Damage and Repair**
No tire, regardless of its design or quality is indestructible. RFT tires can be ultimately rendered unusable due to a puncture or other road hazard as well as from improper run-flat or low tire pressure operation. Some punctures may be repaired under certain restrictions and prescribed procedures.

When driven flat or with low pressure, factors affecting reparability include vehicle speed, load, and maneuvering; the amount of inflation pressure loss; and ambient temperature. In any situation, the extent and location of direct damage from a puncturing object or other road hazard are also critical factors.

RFT tires are not repairable in any of the following situations:

- If the tire was operated with inflation pressure less than 15 psi (100 kPa).
- Abrasion or other damage is present on the exterior tread, sidewall or bead areas.
- Abrasion, wrinkling, or separation is present on the tire interior.
- Any condition or damage is present that disqualifies repair of a conventional tire.

Run-Flat Certified Retailers will fully inspect your tire, inside and out, to determine if the tire can be repaired. Tire damage is not always visible from the outside and the tire must be removed from the wheel for a complete inspection. For more information, see the section "Tire Repairs" in this manual.

**Note:** Some vehicle manufacturers do not recommend using repaired tires. Consult your vehicle owner's manual or contact the vehicle manufacturer before operating a repaired tire on your vehicle.

# REFERENCE INFORMATION

## TIRE SIDEWALL LABELING

A lot can be learned by reading the tire's sidewall. The following figures show typical information on the sidewall of passenger (Figure 3) and light truck tires (Figure 4):

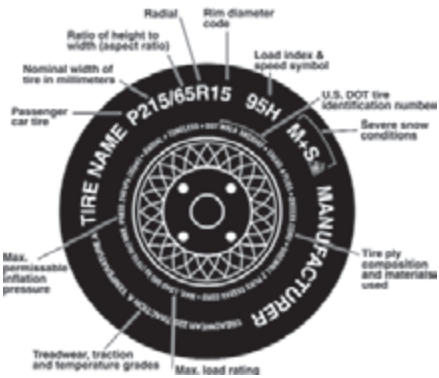


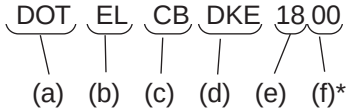

**Figure 3: Typical Passenger Tire Markings**


**Figure 4: Typical Light Truck Tire Markings**

**Tire Size, Load Range, Load Index, and Speed Symbol:**

| Example | Tire Size | Load Index | Speed Symbol | Load Range |
|---|---|---|---|---|
| **Figure 3** | P215/65R15 | 95 | H | — |
| **Figure 4** | LT235/85R16 | 114/111 | Q | D |

**DOT Symbol and Tire Identification Number:** The "DOT" symbol constitutes a certification that the tire conforms to applicable U.S. Department of Transportation motor vehicle safety standards (for tires). Following the "DOT" symbol is the tire identification number, also known as the DOT serial number or code. For example:




| | |
|---|---|
| (a) | DOT Symbol |
| (b) | Plant of Manufacture Code |
| (c) | Tire Size Code |
| (d) | Tire Manufacturer's Code |
| (e) | Week of Production (01-53) |
| (f) | Year of Production (last two digits of year)* |

* For tires produced from 2000-on. In the example above, the tire was produced in the 18th week of 2000. For tires produced prior to 2000, there is one digit in group (f) which identifies the last digit of the year of production, i.e. "329" would likely signify the 32nd week of 1999, but could possibly signify the 32nd week of 1989. If in doubt, consult a qualified tire service professional.

The DOT symbol and tire identification number can be found on at least one sidewall near the wheel. The other sidewall may have a partial serial code that excludes (e) and (f) above.

**Maximum Load and Inflation:** The maximum load and maximum inflation pressure is marked on each sidewall in metric and English units. For example:

MAX LOAD 685 kg (1510 lbs) AT 240 kPa (35 psi) MAX PRESS

Note: The load and inflation values marked on the tire sidewall are maximum permissible values for the tire only. Never assume that these values are the actual maximum load capacity or recommended tire pressure values for your vehicle. See "Tire Inflation Pressure," "Tips for Safe Tire Inflation," and "Tips for Safe Loading" in this manual.

**Ply Composition and Materials:** The actual number of plies in the sidewall and tread area and the generic name(s) of their cord material(s) are marked on at least one sidewall. For example:

TREAD 2 PLY POLYESTER + 2 STEEL
SIDEWALL 2 PLY POLYESTER

**Radial:** Radial ply tires will have the word "radial" on at least one sidewall. An "R" in the tire size designation also indicates radial ply construction.

**Tubeless or Tube Type:** Tires are marked as either "tubeless" or "tube type," whichever is applicable, on at least one sidewall.

## UNIFORM TIRE QUALITY GRADING

The Uniform Tire Quality Grading ("UTQG") standards are intended to assist you in making an informed choice in your purchase of passenger car tires by providing information indicating relative performance of these tires in the areas of tread wear, wet braking traction (straight-ahead), and temperature resistance. All passenger car tires must conform to federal safety requirements in addition to these grades.

**Treadwear**
The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear one and one half (1 1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variation in driving habits, service practices and differences in road characteristics and climate.

**Traction**
The traction grades, from highest to lowest, are AA, A, B, and C. Those grades represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. **Warning:** The traction grade assigned to a tire is based on straight-ahead braking traction tests, and does not include acceleration, cornering, hydroplaning, or peak traction characteristics.

**Temperature**
The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure. The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No.109. Grades B and A represent higher levels of performance on the laboratory test wheel than the minimum required by law. **Warning:** The temperature grade is established for a tire that is properly inflated and not overloaded. Excessive speed, underinflation, or excessive loading, either separately or in combination, can cause heat buildup and a possible tire failure.

# LIMITED WARRANTY

BRIDGESTONE®
Firestone®

## ORIGINAL EQUIPMENT PASSENGER and LIGHT TRUCK TIRES

*Including* RFT Tires with Run-Flat Technology

## ELIGIBILITY

This Limited Warranty covers BRIDGESTONE and FIRESTONE brand passenger and light truck tires, including RFT and temporary spare tires, originally installed by the vehicle manufacturer on a new vehicle. You are covered under the terms of this Limited Warranty if the tire was produced after July 4, 2004 (DOT serial 2704 or later) and has been used only on the vehicle on which it was originally installed in non-commercial service.

## WHAT IS WARRANTED and FOR HOW LONG

Before wearing down to 2/32 inch (1.6 mm) remaining original tread depth (i.e. worn down to the top of the built-in indicators in the tread grooves) and within 6 years from the date of purchase (proof of purchase date required; without proof of purchase date, then within 6 years from the date of tire manufacture), for any reason other than those excluded in the section entitled "What This Limited Warranty Does Not Cover," any eligible tire that becomes unusable for any reason within the manufacturer's control will be replaced with an equivalent new tire on the basis set forth in this Limited Warranty.

## WHAT THIS LIMITED WARRANTY DOES NOT COVER

This Limited Warranty does not cover the following:

1. 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 for racing or competition purposes.
   - **C. Insufficient or improper maintenance**, including, without

limitation: Failure to rotate tires as recommended in this manual, wheel misalignment, worn suspension components, improper tire mounting or demounting, tire/wheel assembly imbalance, or other vehicle conditions, defects, or characteristics.

**D. Contamination or degradation** 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.

**F. For RFT tires only, improper run-flat or low tire pressure operation**, including, without limitation: Exceeding speed, distance, or other run-flat/low-pressure operation limitations.

2. Rapid tread wear or wear-out. Original equipment tires have no mileage warranty.
3. Weather/ozone cracking after 4 years from date of tire manufacture.
4. Ride disturbance or vibration after 1/32 inch (0.8mm) of tread wear use.
5. Tires with sealant, balance, or other filler material that was not originally applied or inserted by the tire manufacturer.
6. Tires used in commercial service.
7. Tires purchased and normally used outside the United States and Canada.
8. The cost of applicable federal, state, and local taxes.
9. Failure to follow any of the safety and maintenance recommendations or warnings contained in this manual.

This Limited Warranty is in addition to and/or may be limited by any other applicable written warranty you may have received concerning special tires or situations.

## REPLACEMENT PRICE

Radial passenger and light truck tires adjusted under this Limited Warranty will be replaced free of charge during the first 25% of tread wear or within 12 months from the date of purchase (proof of purchase date required; without proof of purchase date, then within 12 months from the date of tire manufacture), whichever occurs first. During the free replacement period, mounting and balancing are included free of charge.

To determine the replacement price after the free tire replacement period, the percent of used tread wear is multiplied by the current selling price for the replacement tire(s). The appropriate taxes, mounting, balancing, disposal fee, and other service charges may be added to the adjustment replacement price.

In Canada, the tire will be adjusted at dealerships (subject to dealer discretion) at a predetermined “Adjustment Price.”

## REPLACEMENT WARRANTY

If you receive a replacement tire under this Limited Warranty, it will be covered by the manufacturer's warranty, if any, given on that tire at that time.

## WHERE TO GO

Tire adjustments under this Limited Warranty will only be made at an authorized Bridgestone Firestone retailer. Consult a phone directory (often listed in the Yellow Pages under "Tire Dealers") or the internet at www.bridgestonetire.com for the location nearest you.

## CONSUMER RIGHTS

This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or in Canada from province to province.

## CONDITIONS and EXCLUSIONS

To the extent permitted by law, Bridgestone Americas Tire Operations, LLC disclaims all other warranties, including but not limited to the implied warranties of merchantability and fit- ness for a particular purpose and any liability for incidental and consequential damages, loss of time, loss of vehicle use, or inconvenience. 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.

This Limited Warranty applies only to consumers actually using the tire in the United States and Canada. For warranty conditions outside the United States and Canada, see your local Bridgestone Firestone 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, 535 Marriott Dr., Nashville, TN 37214 and in Canada by Bridgestone Firestone Canada Inc., 5770 Hurontario St., Suite 400, Mississauga, Ontario, Canada L5R 3G5.

## OWNER'S OBLIGATIONS

In order to keep this Limited Warranty valid, we require you to have your tires regularly inspected and rotated per the recommendations outlined in the sections of this manual entitled "Tire Damage, Inspection and Service Life" and "Radial Tire Rotation" and to furnish proof of same in order to receive an adjustment. Such proof should show the date, mileage, and servicing location. A sales receipt containing this information will suffice. In addition, a "Maintenance Record" is included on the back cover of this manual. It is your obligation to maintain proper tire inflation pressures as specified by the vehicle manufacturer and to operate the vehicle within tire/vehicle load capacity and speed limitations. It is also your obligation to maintain proper wheel alignment and tire/wheel assembly balance. To request an adjustment, you must present the tire to an authorized Bridgestone Firestone retailer. Complete and sign the customer section of the Bridgestone Americas Tire Operations, LLC Limited Warranty adjustment form and pay appropriate replacement price, taxes, disposal fee, and service charges, if any.

## ARBITRATION

You and Bridgestone Americas Tire Operations, LLC agree that all claims, disputes, and controversies between you and it, including any of its agents, employees, successors, or assigns, arising out of or in connection with this Limited Warranty, or any other warranties, express or implied, including a failure of warranty and the validity of this arbitration clause, but excluding claims for personal injury or property damage, shall be resolved by binding arbitration between you and it, according to the formal dispute resolution procedures of the National Arbitration Forum, under the Code of Procedure then in effect. This arbitration will be conducted as a document hearing. If you request any procedures beyond a document hearing, you will be responsible for all fees, including filing and administrative fees, above and beyond the fees required for document hearings. The arbitration between you and Bridgestone Americas Tire Operations, LLC shall not include any other customers, be combined or consolidated in any fashion with arbitrations involving other customers, or proceed in any form of class action in which the claims of numerous customers are considered together. Any award of the arbitrator(s) may be entered as a judgment 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 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.

# VEHICLE MANUFACTURER'S RECOMMENDED INFLATION PRESSURE

BRIDGESTONE® Firestone


Front _____ PSI

Rear _____ PSI

J F M A M J J A S O N D

## MAINTENANCE RECORD

| Mileage | Date | Retailer | Inspection | Rotation | Balance | Alignment |
|---|---|---|---|---|---|---|
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Rev. 07/07

tiresafety.com℠

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## 5. OWNER'S OBLIGATIONS

To make an eligible claim under this Limited Warranty and Adjustment Policy, the owner must present a claim with the tire to an Authorized Dealer. For the nearest Authorized Dealer, consult the Yellow Pages, the Continental brand internet address, or the 800 telephone numbers shown on the back of this Limited Warranty and Adjustment Policy.
Owner must present new vehicle registration form or new vehicle sales invoice indicating the date of purchase. Owner will be required to sign the CTA Limited Warranty Claim Form or dealer replacement sales receipt.

Owner is responsible for paying all applicable taxes set forth under this Limited Warranty and Adjustment Policy. Owner is also responsible for paying local tire-disposal fees and any parts or service regardless of mileage or months of service. This includes payment for tire rotation, alignment, towing, road service, valve stems and tire repairs.

Owner is responsible for maintaining proper tire air pressure and for proper maintenance of the tire.

## 6. SAFETY WARNING:

**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.**

- **Tire failure due to underinflation /overloading.** Follow vehicle owner's manual or tire placard in vehicle for proper inflation and loading.
- **Explosion of tire/rim assembly due to improper tire mounting.** Tire mounting / demounting can be dangerous. It should be performed only by a trained tire specialist using proper tools and procedures. Prior to tire mounting/demounting, the Rubber Manufacturers Association (RMA) wall charts and manuals should be read to obtain the proper procedures. The failure to follow these procedures may result in faulty positioning of the tire and/or rim, which may cause the assembly to burst with force sufficient to cause injury or death.
- **Tire failure due to damage.** Inspect your tires frequently for scrapes, bulges, separations, cuts, snags 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 trained individual.
- **Tire failure due to excessive tire spinning.** Avoid tire spinning. The centrifugal force generated by a free-spinning tire/rim assembly may cause a sudden tire explosion resulting in vehicle damage and/or serious injury or death. Never exceed 35 mph (55km/h) as indicated on your speedometer when your vehicle is stuck in snow, mud, or sand and your tire(s) is/ are spinning. Use a gentle backward and forward rocking motion to free your vehicle for continued driving. Never stand or permit anyone else to stand near or behind a tire spinning while attempting to push a vehicle that is stuck.

## SSR TIRE OWNERS:

Even a trained tire specialist may be unable to recognize internal structural damage to a Self Supporting Runflat (SSR) tire resulting from having been driven in an under inflated or zero inflation pressure condition. Such damage may not be visible on the surface of the inner liner or sidewall making it impossible to determine the tire suitability for repair or reuse. CTA does not recommend any repair to or reuse of Continental SSR tires.

## TEMPORARY SPARE TIRE OWNERS:

CTA does not recommend any repair to or reuse of punctured Temporary Spare Tires.

## CONTISEAL TIRE OWNERS:

A tacky viscous sealant was uniformly applied from shoulder to shoulder on the inner liner in the tread area of your ContiSeal tire. When an object penetrates the tread of a ContiSeal tire, the thick, viscous sealant is designed to surround the puncturing object and minimize air loss in the tire. When the puncturing object is dislodged from the tire, the sealant is designed to temporarily fill and seal most holes up to 3/16" in diameter until a permanent repair can be made.

The sealant is not designed or intended to act as a permanent puncture repair. Therefore, it is important for you to regularly inspect your ContiSeal tires for evidence of cuts and punctures that may be temporarily sealed due to the internal sealant. These punctures must be examined by a trained tire specialist as soon as possible to determine whether the puncturing object caused excessive damage; whether any loss of inflation caused by the puncture damaged the tire; and whether a permanent repair can be made. **Frequently check for loss of inflation pressure, especially if you are aware of a puncture and until you are able to obtain a permanent repair.** For additional information on Contiseal, visit www.contiseal.com.

In addition to the valuable warranty, safety and maintenance information you will find in this Limited Warranty and Adjustment Policy we encourage you to visit Continental Tire the Americas (CTA) websites at: www.continentaltire.com or (www.continentaltire.ca) for up-to-date changes and a Self-Help knowledge base with downloadable brochures (customer care link). Please also visit the Rubber Manufacturer Association (RMA) website at www.rma.org.

**THIS LIMITED WARRANTY AND ADJUSTMENT POLICY IS NOT A WARRANTY THAT YOUR TIRE WILL NOT FAIL OR BECOME UNSERVICABLE IF NEGLECTED OR MISTREATED.**

## FOR SERVICE ASSISTANCE OR INFORMATION

First, contact the nearest Continental brand tire dealer. For the nearest Continental brand tire dealer, consult the Yellow Pages or, if for any reason local service or information is not available, call one of Continental brand toll-free Customer Relations numbers:

In the United States call 1-800-847-3349

In Canada, call 1-800-461-1776

Continental Tire the Americas, LLC
1830 McMillan Park Dr.
Fort Mill, SC 29707

Continental Tire Canada Inc.
6110 Cantay Rd.
Mississauga, ON
L5R 3W5

Form # A001-012B (02/10)

# ADJUSTMENT POLICY

## LIMITED WARRANTY FOR ORIGINAL EQUIPMENT PASSENGER CAR & LIGHT TRUCK TIRES (Including SPECIAL SPARE Tires)

This booklet also includes important safety warnings.


Continental

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## 1. ELIGIBILITY

This Limited Warranty and Adjustment Policy applies to the original owner of new Continental brand passenger and light truck (LT) tires that are the new vehicle original equipment tires bearing the Continental brand name and D.O.T. Tire Identification Number, operated in normal service, and used on the same vehicle on which they were originally installed according to the vehicle manufacturer's recommendations.

Tire(s) on any vehicle registered and normally operated outside the United States and Canada are excluded from eligibility under this Limited Warranty and Adjustment Policy.

## 2. WHAT IS THE ADJUSTMENT POLICY AND HOW LONG IS IT APPLICABLE?

### BASIC COVERAGE:

Eligible Tires are covered by this Limited Warranty and Adjustment Policy for a maximum of 72 months from the date of purchase, determined by the new vehicle registration date or new vehicle sales invoice showing date of purchase.

### Where to Go for Warranty replacement:

Contact the vehicle dealer from where you purchased the vehicle to determine the eligible warranty coverage for your tires and where to proceed from there.

### Free Replacement Period:

If an eligible Continental brand passenger or light truck tire becomes unserviceable from a condition other than those listed under Section 3 during the first 12 months or first 2/32nds of an inch (1.6mm) of treadwear (whichever comes first) it will be replaced with a comparable new Continental brand tire FREE OF CHARGE, including mounting and balancing. Owner pays all applicable taxes.

### Temporary Spare Tires:

This Policy also extends to the original owner of the Continental brand Temporary Spare Tire that was originally equipped by the vehicle manufacturer as a temporary spare tire bearing a Continental D.O.T. serial number. An eligible Temporary Spare Tire under this Policy must have been operated in normal service, used on the same vehicle on which they were originally installed according to the vehicle manufacturer's recommendations,

This Policy is for a maximum period of 72 months from date of purchase, determined by the new vehicle registration date or new vehicle sales invoice showing date purchased.

If a Temporary Spare Tire becomes unserviceable from a condition other than those listed in Section 3, during the first 1/32nd (0.8 mm) of treadwear, then it will be replaced with a comparable new Continental brand Temporary Spare Tire FREE OF CHARGE, including mounting and balancing. The owner pays all applicable taxes. After this "Free Replacement Policy" for your Temporary Spare Tire expires, no adjustment will be made.

### After the Free Replacement Period:

The tire (except temporary spare tire) may still be eligible for a pro rata replacement for 72 months from date of original purchase until the tread is worn down to the tread wear indicators (2/32nds of an inch or 1.6 mm of tread remaining.) If an eligible tire becomes unserviceable under the stipulations of this Limited Warranty and Adjustment policy it will be replaced charging the owner a pro-rated amount. Owner pays all applicable taxes (including F.E.T.), mounting and balancing charges.

The replacement tire price will be determined by multiplying the percentage of the useable tread worn by the Dealers Selling Price (excluding all applicable taxes) at the time of the adjustment. The useable tread is the original tread down to the tread wear indicators (2/32nds of an inch or 1.6 mm of tread remaining.)

## 3. WHAT IS NOT COVERED BY THIS LIMITED WARRANTY

### THE FOLLOWING ARE NOT COVERED:

- **Road Hazard:** Any tire with road hazard damage, which includes, but is not limited to: cuts, snags, punctures, bruises, and impact breaks.
- **Ride/Vibration:** Any ride/vibration complaint after the first 2/32nds (1.6 mm) of an inch of treadwear or 12 months of service, whichever comes first.
- **Repairs:** If a tire is returned under complaint and the reason for the tire's disablement is in any way associated with a repair, or with the situation that led to the repair, the manufacturer's warranty is invalidated.
- **Mileage:** Tread wearout up to a predetermined mileage is not covered under this policy.
- **Improper operation or maintenance:** This includes, but is not limited to, effects caused by:

  **I Improper tire inflation and/or improper load/speed practices:** These practices can cause excessive operational temperatures and stresses that exceed the tire's capabilities.

  **II Improper or insufficient tire rotation:**

  **III Improper vehicle alignment**

  **IV Damage due to:**
  - Rim irregularities or rim damage
  - Snow chains
  - Vehicle mechanical problems, including brake problems, and vehicle wheel alignment.
  - Extreme temperature exposure
  - Negligent and abusive driving such as tire spinning, or racing;
  - Improper tire storage
  - Automotive accident
  - Chemical corrosion or fire
  - Use contrary to the vehicle manufacturer's tire recommendations.
  - Misuse or misapplication

- **Improper Mounting or Demounting**
- **Alteration:** such as, but not limited to, adding a white inlay on blackwall, tread regrooving, tire truing or siping, or adding sealant materials to the tire.
- **Weather checking/cracking:** Not covered after 48 months from the date of purchase.
- **Failure to observe safety and maintenance precautions set forth in Section 6.**

**ATTENTION AUTHORIZED DEALERS: CTA RESERVES THE RIGHT TO THE FINAL INSPECTION DECISION FOR ALL RETURNED TIRES ON CONDITIONS UNDER SECTION 3.**

**THIS LIMITED WARRANTY AND POLICY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CTA 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 PERMIT SUCH A LIMITATION; FOR THOSE U.S. STATES AND/OR CANADIAN PROVINCES, ANY IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS WRITTEN LIMITED WARRANTY. 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.**

**TO THE EXTENT PERMITTED BY LAW, CTA 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 WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM U.S. STATE TO STATE AND/OR CANADIAN PROVINCE TO PROVINCE.**

**THIS IS THE ONLY EXPRESS WARRANTY MADE BY CTA. NO CTA EMPLOYEE, RETAILER, OR DEALER HAS THE AUTHORITY TO MAKE ANY WARRANTY, REPRESENTATION, PROMISE OR AGREEMENT ON BEHALF OF CTA EXCEPT AS EXPRESSLY WRITTEN IN THIS LIMITED WARRANTY AND ADJUSTMENT POLICY.**

**IN OBSERVANCE OF U.S. FEDERAL LAW, THIS LIMITED WARRANTY AND ADJUSTMENT POLICY HAS BEEN DESIGNATED A "LIMITED WARRANTY". CTA DOES NOT INTEND TO REPRESENT THROUGH THIS LIMITED WARRANTY AND ADJUSTMENT POLICY THAT TIRE FAILURES CAN OR CANNOT HAPPEN.**

## 4. CTA'S OBLIGATIONS

Contact the vehicle dealer from where you purchased the vehicle. Your tires may be covered under the vehicle manufacturer's limited warranty. If not, this CTA Policy applies and replacement of Eligible Tires can be made by any vehicle dealer authorized to handle Continental brand tire adjustments or a Continental brand authorized dealer ("Authorized Dealer"). CTA will replace the tire pursuant to the terms of this Limited Warranty and Adjustment Policy. Tires that are replaced under an adjustment basis under this Limited Warranty and Adjustment Policy become the property of CTA.

## DON'T ATTEMPT TO MOUNT YOUR OWN TIRES

Serious injury or death may result from explosion of tire/rim assembly due to improper mounting procedures. Follow tire manufacturer's instructions and match tire diameter to rim diameter. Mount light truck radials on rims approved for radial service. Do not apply bead sealer. This can inhibit bead seating. Lubricate beads and tire rim (including tube or flap) contact surfaces. Lock assembly on mounting machine or place in safety cage. STAND BACK and never exceed 40 psi to seat beads. Never use a volatile substance or a rubber "donut" (also known as a bead expander or "O-Ring") to aid bead seating. Only specially trained persons should mount tires.

## DON'T MIX TIRES OF DIFFERENT SIZES AND TYPES ON THE SAME AXLE

For optimum handling and control, Goodyear recommends fitment of four (4) tires of the same type and size unless otherwise specified by the vehicle manufacturer.

WARNING: Before you replace your tires, always consult the vehicle owner's manual and follow the vehicle manufacturer's replacement tire recommendations. Vehicle handling may be significantly affected by a change in tire size or type. When selecting tires that are different from the Original Equipment size, see a professional installer in order to make certain that proper clearance, load-carrying capacity and inflation pressure are selected. Never exceed the maximum load capacity and inflation pressure listed on the sidewall of the tire. Always drive safely and obey all traffic laws. Avoid sudden, sharp turns or aggressive lane changes. Failure to follow this warning may result in loss of control of the vehicle, leading to an accident and serious injury or death.

When replacing tires, you must maintain the outside diameter and load-carrying capacity of the Original Equipment tire. Inflation pressure may need to be adjusted to avoid overloading the tire. Consult the Tire & Rim Association Load and Inflation Tables, ETRTO or JATMA standards for correct load and inflation information.

## NEVER FIT TIRES TO A VEHICLE THAT HAVE LESS LOAD-CARRYING CAPACITY THAN REQUIRED BY THE ORIGINAL EQUIPMENT MANUFACTURER

Examples: Many vehicles, such as large passenger vans, require Load Range E tires as designated by the vehicle manufacturer. Fitment of a tire, such as a Load Range D, with less carrying capacity is not allowed.

In other cases, tires of the same size may carry different load indexes in the service description. You must make certain the replacement tires fitted to the vehicle have a load-carrying capacity equal to or greater than what the Original Equipment manufacturer specifies.

NOTE: Goodyear manufactured and/or marketed European-Metric passenger tires and P-Metric passenger tires are interchangeable as long as they have the same section width, same aspect ratio, same rim diameter.

Caution: Never substitute a "Standard Load" (SL) tire for an Extra Load (XL) tire. If the vehicle was originally equipped with "Extra Load" (XL) tires, replace those tires with similar sized XL tires.

## FOLLOW THESE ADDITIONAL GUIDELINES

When installing only two tires, fit the tires with the deepest tread depth on the rear axle. If radials and non-radials must be fitted to the same vehicle, fit radials on rear axle. Never mix radials and non-radials on the same axle. When fitting winter tires or all-season tires to performance vehicles, always fit in sets of four. It is not recommended to fit tires with different speed ratings. If tires with different speed ratings are installed on a vehicle, they should be installed with like pairs on the same axle. The speed capability of the vehicle will become limited to that of the lowest speed rated tires.

Use of lift kits with some vehicle/tire combinations can cause instability. When changing tire sizes, always consult Dealer for optimum rim width and carefully check vehicle/tire clearances.

## RETREADED TIRES

Retreaded passenger and light truck tires are not warranted by Goodyear for any reason. Speed ratings and U.S. Department of Transportation test compliance certifications are voided for retreaded tires.

## DO MAINTAIN VEHICLE SUSPENSION, WHEEL ALIGNMENT AND BALANCE AND ROTATE YOUR TIRES

Lack of rotation, worn suspension parts, underinflation/overinflation, wheel imbalance and misalignment can cause vibration or irregular tire wear. Rotate your tires according to your vehicle manufacturer's recommendations or at maximum intervals of 6,000 miles/10,000 km.

FOR ADDITIONAL INFORMATION, SEE THE "BE TIRE SMART/PLAY YOUR PART BROCHURE" PUBLISHED BY THE RUBBER MANUFACTURERS ASSOCIATION (RMA). A COPY OF THIS BROCHURE CAN BE DOWNLOADED FROM THE RMA WEBSITE:

www.rma.org/publications/consumer_tire_information

## HOW TO READ A TIRE D.O.T. SERIAL NUMBER

D.O.T. stands for Department of Transportation and the number is on the lower sidewall of each tire to show that the tire meets or exceeds the Department of Transportation safety standards.

### Understanding Tire D.O.T. Numbers

**M6MJEH0R0911**

12-Digit # = 2000s Production / 11-Digit # = 1990s Production

| M6 | MJ | EH0R | 0911 |
|---|---|---|---|
| Mfgr. Plant Code | Government Size and Ply Code | Manufacturer Construction Code | Tire Build Date (9th week of 2011) |

## TIRE SERVICE LIFE

Tires are designed and built to provide many thousands of miles of excellent service. For maximum benefit, tires must be maintained properly to avoid tire damage that may result in removal from service before the tread is worn down to minimum depth.

It is not practical to accurately predict the service life of any specific tire in chronological time since service conditions vary widely. The serviceability of a tire over time is a function of the storage and service conditions (inflation pressure, load, speed, road hazard injury, etc.) to which a tire is subjected. Consumers should not rely solely on the appearance of the tire, but should be aware of any change in dynamic performance such as increased air loss, noise or vibration, which could be a sign to remove the tire. Therefore, it is essential to have tires, including spares, inspected regularly (at least monthly) for proper inflation pressure, damage and treadwear.

**Check your vehicle's owner's manual (or your vehicle) to determine if it is equipped with run-flat (extended mobility) tires. If your vehicle is equipped with run-flat tires, the following applies:**

## RUN-FLAT TECHNOLOGY EXTENDED MOBILITY TECHNOLOGY (EMT™), RUNONFLAT® (ROF) AND DUNLOP SELF-SUPPORTING TECHNOLOGY (DSST®) ORIGINAL EQUIPMENT TIRES

## IMPORTANT SAFETY INFORMATION

## OPERATIONAL MONITORING

The information contained in this Limited Warranty Brochure applies only to the Original Equipment tires supplied with your vehicle.

In order for Goodyear Run-Flat (Extended Mobility Technology [EMT], RunOnFlat [ROF]) or Dunlop Run-Flat (Dunlop Self-Supporting Technology [DSST]) tires to obtain the performance criteria stated within this Limited Warranty, Goodyear or Dunlop Run-Flat tires must use specific parts, such as a low tire pressure-monitoring system authorized by the Original Equipment vehicle manufacturer.

## RUN-FLAT TIRE FEATURE:

The Goodyear or Dunlop Run-Flat tire is a high-performance tire with a remarkable feature: It can operate for limited distances with very low or even no inflation pressure (refer to your Vehicle Owner's Manual for these limitations). This is an important benefit, especially if inflation loss occurs at a location where immediately stopping your vehicle could be hazardous.

## TIRE PRESSURE MONITORING SYSTEM ALERT

Refer to your vehicle Owner's Manual for more information on what to do if the tire pressure warning system activates.

## WARNING

If the tire pressure-monitoring system signals an alert, follow these safety precautions to prevent a loss of vehicle control that could result in serious personal injury or death:

- Slow your speed. Do not exceed 50 mph (80 kph).
- Avoid hard cornering, hard braking and severe handling maneuvers.
- Avoid potholes and other road hazards.

Remember that when your tires have lost air pressure, your vehicle's handling capability is reduced, particularly during severe maneuvers.

## TO PROLONG TIRE LIFE DURING A SYSTEM ALERT

The Goodyear or Dunlop Run-Flat tire can be driven at low or zero air pressure (refer to your vehicle Owner's Manual for these limitations). To help prolong the life of a tire operating under low-inflation conditions, drive at a speed as far below 50 mph (80 kph) as possible. Also, drive the shortest distance possible before obtaining tire service. Taking these precautions will increase the chance that your tire will be repairable.

## SERVICE AFTER A SYSTEM ALERT

To obtain service after operating under low-inflation conditions, contact your Goodyear or Dunlop Run-Flat service facility. Trained service personnel will inspect your tires to determine if they are in need of repair or replacement. To locate the nearest authorized Goodyear or Dunlop Run-Flat service facility, call 1-800-GOODYEAR (1-800-466-3932).

## WARNING

Because of the unique characteristics of Run-Flat tires, the wheels on which they are mounted and your vehicle's tire pressure monitoring system, all tire service work other than routine inflation maintenance and external inspections must be performed by service personnel at a Goodyear or Dunlop Run-Flat service facility.

Do not attempt to mount or demount Run-Flat tires yourself; serious injury or death could result. Only specially trained persons should mount, demount and repair Run-Flat tires, and more than 40 psi (270 kPa) may be required to seat beads. A safety cage and clip-on extension air hose must be used if more than 40 psi (270kPa) is need to seat beads.

## TIRE REPAIR

Like any other Goodyear or Dunlop speed-rated, high-performance tire, the Goodyear or Dunlop Run-Flat tire may be repaired to correct a puncture in the tread, but PROPER MATERIALS AND PROCEDURES MUST BE USED. Contact a Goodyear or Dunlop Run-Flat service facility for information on proper repairs. For the location of the nearest facility, call 1-800-GOODYEAR (1-800-466-3932).

## WARNING

Goodyear and Dunlop Run-Flat tires are designed for use only on certain original equipment wheels supplied with a properly operating low tire pressure-monitoring system. If applied to a vehicle without a properly operating low tire pressure-monitoring system, the tires may fail when operated in an underinflated condition, resulting in loss of vehicle control and possible serious injury or death. Application of these tires to a vehicle not equipped with specified operational low tire pressure-monitoring system constitutes improper and unsafe use of this product.

**FOR SERVICE ASSISTANCE OR INFORMATION, FIRST CONTACT THE NEAREST GOODYEAR OR DUNLOP RETAILER.**

1) For assistance in locating the nearest Goodyear or Dunlop Retailer, look in the Yellow Pages under Tire Dealers – New.
2) Go to www.goodyear.com for U.S. or www.goodyear.ca for Canada. For Dunlop tires, go to www.dunloptires.com for U.S. & Canada.

If additional assistance is required, call the Customer Assistance Center at 1-800-321-2136 for U.S. or 1-800-387-3288 for Canada.

Or write to:
Customer Assistance Center
Dept 728
200 Innovation Way
Akron, OH 44316-0001

### SIX MONTH - 6,000 MILE/10,000 KILOMETER ROTATION RECORD

| ODOMETER READING AT 1st ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
|---|---|---|
| ODOMETER READING AT 2nd ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 3rd ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 4th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 5th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 6th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 7th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 8th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 9th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 10th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 11th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 12th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |
| ODOMETER READING AT 13th ROTATION | ROTATED BY (DEALER/STORE NAME) | DATE |

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# Limited Warranty, Tire Care and Maintenance Guide

ORIGINAL EQUIPMENT

Highway Auto Tires
Light Truck Tires
Temporary Spare

## HIGHWAY AUTO AND LIGHT TRUCK TIRE WARRANTY AND ADJUSTMENT POLICY (EXCLUDES GOODYEAR® UNISTEEL® RADIAL LIGHT TRUCK TIRES)

### WHO IS ELIGIBLE?

You are eligible for the benefits of this Limited Warranty if you meet all the following criteria:

- You are the owner or authorized agent of the owner of new Goodyear or Dunlop® highway auto or light truck tires supplied as Original Equipment on your vehicle.
- Your tires bear Department of Transportation prescribed tire identification numbers.
- Your tires have been used only on the vehicle on which they were originally installed according to the vehicle manufacturer's or Goodyear's recommendations.
- Your tires were purchased on or after May 1, 2013.

Light truck tires are defined as all tires identified with the "LT" designation in the sidewall stamping.

### WHAT IS COVERED AND FOR HOW LONG?

### FREE TIRE REPLACEMENT

Any new Goodyear or Dunlop highway radial auto or radial light truck tire, covered by this policy, removed from service due to a covered warranty condition during the first 2/32" of usable tread or twelve months from date of purchase, whichever comes first, will be replaced with a comparable new Goodyear or Dunlop tire at no charge, including mounting and balancing. (Without proof of purchase the date of manufacture will be used to determine eligibility.)

### ALL OTHER HIGHWAY AUTO OR LIGHT TRUCK TIRES

Any new Goodyear or Dunlop highway auto or light truck tire, other than radial auto or radial light truck tires, removed from service due to a covered warranty condition during the first 1/32" of usable tread will be replaced with a comparable new Goodyear or Dunlop tire at no charge, including mounting and balancing.

### TEMPORARY SPARE TIRES

Any Goodyear or Dunlop temporary spare tire removed from service due to a covered warranty condition during the first 50% of usable treadwear (1/32") will be replaced with a comparable new Goodyear or Dunlop temporary spare tire at no charge, including mounting.

### PRORATED ADJUSTMENT

Tires not eligible for free replacement that are removed from service due to a covered warranty condition will be replaced with a comparable new Goodyear or Dunlop tire on a prorated basis for up to six (6) years from the date of original new tire purchase or when the treadwear indicators become visible (worn to 2/32"), whichever occurs first. (Without proof of purchase the date of manufacture will be used to determine eligibility.)

### HOW WILL PRORATED CHARGES BE CALCULATED?

Replacement price will be calculated by multiplying the tire's advertised retail selling price at the time of adjustment by the percentage of usable original tread that has been worn off. You pay for mounting and balancing, and an amount equal to the current Federal Excise Tax (F.E.T. – U.S. only) and any other applicable taxes and government-mandated charges.

EXAMPLE: If your disabled tire had an original 8/32" of usable treadwear and is worn to 4/32" usable tread remaining, you have used 50% and therefore must pay 50% of the advertised retail selling price of the comparable tire.

In addition, you must pay an amount equal to the full current Federal Excise Tax (U.S. only) or any other applicable taxes and government-mandated charges for the comparable new replacement tire at the time of adjustment. If the price of the new comparable tire is $130.00, the cost to you would be $65.00 plus F.E.T. (U.S. only) plus any other applicable taxes and government-mandated charges.

### WHAT IS A COMPARABLE TIRE?

A "comparable" new Goodyear or Dunlop tire will be the same brand tire and may be either the same line of tire or, in the event that the tire is not available, the same brand tire with the same basic construction and similar performance attributes with a different sidewall or tread configuration. If a higher priced tire is accepted as replacement, the difference in price will be at an additional charge to you. Any replacement tire provided pursuant to this warranty will be covered by the warranty in effect at the time of replacement.

### ADDITIONAL PROVISIONS

A tire has delivered its full original tread life and the coverage of this limited warranty ends when the treadwear indicators become visible (worn to 2/32") or six (6) years from the date of new tire purchase, whichever occurs first. (Without proof of purchase the date of manufacture will be used to determine eligibility.)

### LIMITATIONS

This limited warranty is applicable only in the United States and Canada.

### WHAT IS NOT COVERED BY THIS WARRANTY?

This limited warranty does not cover the following:

- Tires submitted for ride disturbance complaints that are worn beyond the first two thirty-seconds of an inch (2/32") tread depth or tires submitted for ride disturbance due to damaged wheels or any vehicle condition.
- Goodyear does not warrant or give credit in any adjustment transaction for any kind of material added to a tire (e.g., tire fillers, sealants, balancing substances) after the tire leaves a factory producing Goodyear or Dunlop tires, nor will it adjust any tire that has failed as a result of adding such material.
- Irregular wear or damage due to mechanical condition of the vehicle, improper inflation, overloading, high speed spin-up, misapplication, misuse, negligence, racing, use of tire chains, improper mounting or demounting, improper repair, wreck, collision or fire.
- Road hazards (includes, but is not limited to, punctures, cuts, snags, impact breaks, etc.).
- Any tire that, after leaving a factory producing Goodyear or Dunlop tires, has been intentionally altered to change its appearance (e.g., white inlay on a black tire or regrooved).
- Tires with weather-cracking that were purchased more than four (4) years prior to presentation for adjustment or, if purchase date cannot be verified, manufactured more than four years prior to presentation for adjustment.
- Temporary spare tires used on vehicles used in racing and on passenger cars in special applications such as police pursuit service.
- Goodyear Unisteel Commercial Radial Light Truck Tires.
- Tires removed from service due to improper repairs.
- Tires supplied as Original Equipment are not eligible for any tread life warranty consideration.
- Cosmetic weather checking
- Low tire pressure-monitoring system – refer to vehicle manufacturer's warranty.

### WHAT ARE YOUR LEGAL RIGHTS?

No Representative or Dealer has authority to make any representation, promise or agreement on behalf of Goodyear, except as stated herein. Any tire, no matter how well constructed, may fail in service or otherwise become unserviceable due to conditions beyond the control of the manufacturer. Under no circumstances is this warranty a representation that a tire failure cannot occur.

DISCLAIMER: THIS WARRANTY IS IN LIEU OF, AND GOODYEAR HEREBY DISCLAIMS, ANY AND ALL OTHER WARRANTIES AND REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND NO OTHER WARRANTY OR REPRESENTATION OF ANY KIND IS MADE BY GOODYEAR OR SHALL BE IMPLIED BY LAW.

LIMITATION OF DAMAGES: IN NO EVENT AND UNDER NO CIRCUMSTANCE SHALL GOODYEAR BE LIABLE TO THE BUYER FOR ANY INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL, LOST PROFIT, LOSS OF BUSINESS, LOSS OF GOODWILL OR REPUTATION, PUNITIVE OR OTHER DAMAGE, COST (INCLUDING FOR REPLACEMENT TRANSPORTATION), EXPENSE OR LOSS OF ANY KIND. SOME STATES AND 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 warranty gives you specific legal rights and you may also have other rights that vary from state to state or province to province.

### HOW DO YOU OBTAIN AN ADJUSTMENT?

A. You must present the tire to be adjusted to an authorized Goodyear or Dunlop service facility. Tires replaced on an adjustment basis become the property of The Goodyear Tire & Rubber Company, Goodyear Dunlop Tires North America, Ltd. or Goodyear Canada Inc.

B. You must pay for taxes and any additional services you order at the time of adjustment plus any additional service that may be unique to your application, e.g., Tire Pressure Monitoring System.

C. You must submit your claim on an approved claim form supplied by an authorized Goodyear or Dunlop service facility. The form must be filled out completely and signed, where you the owner or your authorized agent presented the tire for adjustment.

You must go to an authorized Goodyear or Dunlop outlet for replacement tires and all warranty service.

### SAFETY WARNINGS

Property damage, serious injury or death may result from:

- **TIRE FAILURE DUE TO UNDERINFLATION/OVERLOADING/ MISAPPLICATION.** Follow the vehicle owner's manual or tire placard in vehicle.
- **TIRE FAILURE DUE TO IMPACT DAMAGE/IMPROPER MAINTENANCE.** Tires should be inspected regularly by a qualified technician for signs of damage, such as punctures or impacts.
- **TIRE FAILURE DUE TO IMPROPER REPAIRS.** See Rubber Manufacturers Association (RMA) established repair procedures at www.rma.org and/or go to www.goodyear.com for information on proper repair procedures.
- **EXPLOSION OF TIRE/RIM ASSEMBLY DUE TO IMPROPER MOUNTING.** Only specially trained persons should mount tires.
- **FAILURE TO MOUNT RADIAL TIRES ON APPROVED RIMS.**
- **FAILURE TO DEFLATE SINGLE OR DUAL ASSEMBLIES COMPLETELY BEFORE DEMOUNTING.**
- **TIRE SPINNING.** On slippery surfaces such as snow, mud, ice, etc., do not spin tires in excess of 35 mph (55 kph), as indicated on the speedometer.
- **EXCESSIVE WHEEL SPINNING.** This can also result in tire disintegration or axle failure.

WARNING: Vehicle handling, traction, ride comfort and other performance parameters may be significantly affected by a change in tire size or type. Before replacing tires, always consult and follow the vehicle owner's manual because some vehicle manufacturers prohibit changing tire size. When selecting tires that are different from the original equipment size make certain: (1) The tires have adequate load-carrying capacity based on the vehicle placard, (2) The tires have sufficient inflation pressure to carry the load and (3) There is proper clearance with no interference points between the tire and vehicle. The consumer must be aware to always drive safely and obey all traffic laws. Avoid sudden, sharp turns or aggressive lane changes. Failure to follow any of these warnings may result in loss of control of the vehicle, leading to an accident and serious injury or death.

### TIRE CARE AND MAINTENANCE GUIDE

The easiest way to help ensure satisfactory mileage and performance from your Goodyear or Dunlop tires is to give them a simple but frequent (at least monthly) inspection for proper inflation, even treadwear and the presence of any damage.

### DO MAINTAIN PROPER INFLATION PRESSURE IN YOUR TIRES

Proper inflation pressure is necessary for optimum tire performance, safety and fuel economy. Check inflation pressures at least once a month and before long trips. Use an accurate tire pressure gauge. Always check pressures when the tires are cold (when the vehicle has been driven less than one mile). If you must check inflation when the tires are hot, add 4 psi (27 kPa) to the recommended cold inflation pressure. It is difficult to tell just by looking at radial tires whether they are underinflated.*

Furthermore, when operating a vehicle equipped with radial tires, it is difficult to notice when a tire has gone flat or nearly flat since the "feel" of the vehicle does not change significantly.

***Evidence of air loss or repeated underinflation always requires expert inspection to determine the source of leakage and tire removal to determine repairability.** To avoid injury, NEVER attempt to reinflate a tire that has been run severely underinflated. Progressive air loss may result from punctures, cuts, curbing, impacts or partial bead unseating. Some fitment causes for air loss are (1) incomplete bead seating, (2) bead tearing caused by a machine tool due to insufficient lubrication or improper adjustment. Leaking valve core or rubber valve components should be replaced when problems are detected and whenever tires are replaced.

**Always maintain inflation pressure at the level recommended by the vehicle manufacturer as shown on the vehicle placard, vehicle certification label or in the vehicle owner's manual:**

Underinflation is the leading cause of tire failure and may result in severe cracking, component separation or "blowout." It reduces tire load capacity, allows excessive sidewall flexing and increases rolling resistance, resulting in heat and mechanical damage. Maintaining proper inflation pressure is the single most important thing you can do to promote tire durability and maximize tread life.

Overinflation increases stiffness, which may deteriorate ride and generate unwanted vibration. Overinflation also increases the chances of impact damage.

### DON'T OVERLOAD YOUR VEHICLE

Check your vehicle owner's manual to determine the load limits. Overloading your vehicle places stress on your tires and other critical vehicle components. Overloading a vehicle can cause poor handling or increased fuel consumption and may cause tire failure. Overloading your tires can result in severe cracking, component separation or "blowout."

Never fit your vehicle with new tires that have less load capacity than shown on the vehicle tire placard and remember that optimum rim width is important for proper tire load distribution and function. The maximum load capacity stamped on the sidewalls of P-Metric & European Metric tires is reduced by 10% when used on a light truck, utility vehicle or trailer. Never fit P-Metric or European Metric tires to light trucks that specify LT-type replacement tires.

### DON'T SPIN YOUR TIRES EXCESSIVELY

Avoid excessive tire spinning when your vehicle is stuck in snow, ice, mud or sand. The centrifugal forces generated by a free-spinning tire/wheel assembly may cause sudden tire explosion, resulting in vehicle damage and/or serious personal injury to you or a bystander. Never exceed 35 mph/55 kph, as indicated on your speedometer. Use a gentle backward and forward rocking motion to free your vehicle for continued driving. Never stand near or behind a tire spinning at high speeds, for example, while attempting to push a vehicle that is stuck or when an on-the-car spin balance machine is in use.

### DO CHECK YOUR TIRES FOR WEAR

Always remove tires from service when they reach two thirty-seconds of an inch (2/32") remaining tread depth. All new tires have treadwear indicators which appear as smooth banks in the tread grooves when they wear to the two thirty-seconds of an inch (2/32") level. Many wet weather accidents result from skidding on bald or nearly bald tires. Excessively worn tires are also more susceptible to penetrations.

### DO CHECK YOUR TIRES FOR DAMAGE

Frequent (at least monthly) inspection of your tires for signs of damage and their general condition is important for safety. If you have any questions, have your tire Dealer inspect them. Impacts, penetrations, cracks, knots, bulges or air loss always require tire removal and expert inspection. Never perform a temporary repair or use an inner tube as a substitute for a proper repair. Only qualified persons should repair tires.

### PROPER TIRE REPAIR

NOTE: Goodyear does not warrant any inspection or repair process. The repair is entirely the responsibility of the repairer and should be made in accordance with established Rubber Manufacturers Association (RMA) procedures.

### Tire Pressure Monitoring System Alert

Refer to your vehicle Owner's Manual for more information on what to do if the tire pressure warning system activates.

### THE CONVENIENCE (TEMPORARY) SPARE

The Convenience (Temporary) Spare is designed, built and tested to the high engineering standards set by North America's leading car manufacturers and to Goodyear's own high standards of quality control. It is designed to take up a minimum of storage space and, at the same time, fulfill the function of a spare tire when needed. The spare is kept in its storage space, fully inflated at 60 psi. To be sure it is always ready for use, the air pressure should be checked on a regular basis.

The Convenience (Temporary) Spare can be used in combination with the original tires on your vehicle. You can expect a tire tread life of up to 3,000 miles (4,800 kilometers), depending on road conditions and your driving habits. To conserve tire tread life, return the spare to the storage area as soon as it is convenient to have the standard tire repaired or replaced.

The Convenience (Temporary) Spare weighs less than a standard tire so it's easier to handle. It also helps reduce the total car weight, which contributes to fuel economy.

The wheels used with the Convenience (Temporary) Spare are specifically designed for use with high pressure spares and should never be used with any other type tire.

# Limited Warranty

*for North America*

*for*
*Original Equipment*
*Passenger Car &*
*Light Truck Tires*
*including*
*Temporary Tires*


HANKOOK TIRES

9596213

## LIMITED WARRANTY

## FOR ORIGINAL EQUIPMENT PASSENGER CAR & LIGHT TRUCK TIRES INCLUDING TEMPORARY TIRES.

### 1. WHAT IS COVERED AND FOR HOW LONG.

Hankook warrants that a tire manufactured by Hankook and equipped originally on the vehicle is free from defects in materials or workmanship in normal use for the life of the original usable tread. The life of the original usable tread ends when the tire tread has been worn down with only 1.6mm (2/32nds inch) remaining, at which point the tire is considered to be fully worn out.

#### ▶ PASSENGER CAR AND LIGHT TRUCK TIRES

A. Free replacement

If Hankook Radial Passenger & Light Truck Tires fail as a result of defect in material and/or workmanship within the first 25% of treadwear, the tire will be replaced with a new, comparable Hankook Tire at no charge including mounting and balancing charges.

B. Pro rata replacement

Tires not qualifying for free replacement will be allowed a credit toward purchase of a new, comparable Hankook Tire based upon the amount of tread actually worn. The cost of mounting, balancing and any other service charges or applicable taxes shall be paid by the user. Otherwise adjustment for compensation will be made on a prorata basis calculated by multiplying the actual current dealer selling price by the percentage of remaining usable tread depth.

#### ▶ HANKOOK TEMPORARY TIRE

A. A Temporary tire weighs less and provides more trunk storage space than a conventional tire. To conserve tire tread life, temporary tire should be returned to the trunk as soon as it is convenient to have your standard tire repaired or replaced.

B. If Hankook Temporary Tire fails as a result of defect in materials and/or workmanship during the first 50% of usable treadwear, the tire will be replaced with a new, comparable tire at no charge including mounting charge. No adjustment will be made for tires that are worn more than 50%.

### 2. WHAT IS NOT COVERED BY THE WARRANTY

#### ▶ NON ADJUSTABLE CONDITIONS

A. Irregular wear or tire damage due to:

- Road hazards such as punctures, cuts, snags, scuffs, carcass bruises or impact breaks.
- Fire, wreck or collision
- Improper inflation, overloading, high speed spinning, improper mounting or demounting, running flat, off-road use, racing, vandalism, willful damage or abuse.
- Misalignment, wheel imbalance, defective brakes or shock absorber, use of tire chains.
- Any tire which has failed as a result of adding materials (e.g. tire fillers, sealant, or balancing substances).
- Mechanical failure or design of vehicle.

B. Tires fitted to anything other than the original vehicles.

C. Tire worn beyond treadwear indicator (2/32nds inch or 1.6mm tread remaining).

D. Tire presented by other than the actual owner-user.

E. Tire branded “NA” (meaning no adjustment) or “blem” (meaning blemished).

F. Loss of time inconvenience, loss of use of the vehicle or consequential damage.

G. Ride disturbance caused by damaged wheels or after free-replacement conditions.

H. Tire with weather cracking which was purchased more than four years prior to presentation for adjustment.

### ▶ GENERAL EXCLUSIONS

A. No Hankook Tire employee, retailer or dealer has the authority to make any warranty, representation, promise or agreement on behalf of Hankook Tire except as stated in this policy.

B. Tires used in racing related activities or competitive events are not covered by this warranty.

C. Limitation of remedy: to the extent permitted by law, HANKOOK disclaims liability for all consequential and incidental damages. Some provinces and states do not allow the exclusion or limitation of incidental 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 the rights which vary from province to province in Canada, and from state to state in the U.S.A.

## 3. HANKOOK’S OBLIGATIONS

Replacement qualifying under this warranty will be made by a participating Hankook Dealer or a participating Car Dealer.

## 4. OWNER’S OBLIGATIONS

A. You must present the tire to a participating Hankook Dealer or a participating Car Dealer.

B. For free replacement, a proof of purchase date such as car dealer invoice should be presented.

C. No claim will be recognized unless submitted on a Hankook claim form completely filled out and signed by the owner or a participating Hankook Dealer or Car Dealer.

## WARNING FOR YOUR SAFETY

### ■ TIRE DEMOUNTING AND MOUNTING

Improper tire mounting and inflation procedures may cause tire beads to break with explosive force during installation of the tire on the rim, causing personal injury and property damage. Follow the Rubber Manufacturers Association installation and safety procedure for mounting and inflating tires. Tire and rim must match in size. Rim parts must match by manufacturer’s design. Clean rim. Lubricate rim and beads. Do not exceed the maximum recommended pressure to seat beads on rim. Use remote control inflation equipment and inflation cage.

NOTE: Never inflate over 40 psi to seat beads.

Mount radial ply tires only on rims designated by wheel manufacturer as suitable for radial tire.

Only specially trained persons shall mount tires.

### ■ AIR PRESSURE

Check the pressure in your tires, including your spare, at least monthly, and always before and during extended driving. Check tires

cold (at least 3 hours after the vehicle has been stopped and before it is driven more than 1.6 kilometers or 1 mile). Do not reduce pressure when tires are hot, use an accurate air pressure gauge to check pressure and maintain it at the level recommended on the vehicle tire placard or in the Owner's Manual. Underinflation produces extreme flexing of sidewalls and builds up heat to the point that premature tire failure may occur. Overinflation can cause the tires to be more susceptible to impact damage. Cold tire pressures, however, should never be higher than the limit molded on the sidewall.

## LOAD LIMITS

Never exceed the load-carrying limits molded onto the sidewall of your tires or the maximum vehicle load limit as shown on the vehicle tire placard, whichever is less. Overloading builds up excessive heat in the tire and leads to early and/or sudden failure.

## HAZARDS

Avoid running over objects (e.g., chuckholes, rocks, curbs, metal, glass, etc.) which may possibly cause internal tire damage. Continued use of a tire that has suffered internal damage (which may not be externally visible) can lead to dangerous tire failure. Determination of suspected internal damage requires demounting the tire from its rim and examination by trained tire personnel.

## WORN TIRES

Never drive on worn tires. Tires should be replaced by trained personnel when 2/32nds inch (1.6mm) of tread depth remain, as indicated by treadwear indicators molded into the tread grooves. Use of worn-out tires (less than 2/32nds of an inch remaining tread depth) increases the probability of tire failure. In most states, it is illegal to drive with less than 2/32nds of an inch of remaining tread depth.

## SPEED LIMITS

Operating your vehicle in excess of lawful speed limits or the maximum speeds justified by driving conditions can be dangerous. Excessive speed creates heat buildup in a tire, leading to possible tire failure.

## SPEED-RATED TIRES

Speed-rated tires are identified by letters S, T, H, V, W, or Z as either part of the size designation (e.g., HR), or part of the service description adjacent to the size designation (e.g., 94H) and indicates the maximum speed capability of the tire when properly loaded and inflated. However, even when properly loaded and inflated, driving for prolonged periods at high speeds can cause tire damage and possible tire failure which could lead to an accident. Original equipment speed-rated tires must be replaced with tires of the same or higher speed rating if the speed capability of the vehicle is to be maintained. Consult your Hankook dealer for the tires best suited to your vehicle driving habit. Repairing of speed-rated tires must be done in accordance with RMA repair procedures and is limited to one 1/4" diameter repair in the tread area.

## TIRE ROTATION

Rotate your tires for longer tire life. Front and rear tires perform different jobs and can wear differently. Consult your vehicle Owner's Manual for mileage recommendations and rotation patterns.

## ■ ADDITIONAL SAFETY INFORMATION FOR TEMPORARY TIRE

A. Air pressure.

Check inflation pressure as soon as practical after installation and inflate to 60 psi. The tire pressure should be checked monthly and maintained at 60 psi while the tire is stored or in service.

B. Vehicle restriction.

The temporary spare tire was specifically designed for your car and should not be used on any other vehicle.

C. Other restrictions.

The temporary spare tire should not be used with other wheels, nor should standard tires, snow tires, wheel covers, or trim rings be used with the temporary spare wheel. If such use is attempted, damage to these items or other vehicle components may occur.

## TIRE SERVICE ASSISTANCE OR INFORMATION

When you have tire problems, Hankook provides service and assistance.

Any time you see damage to your tires, contact your local Hankook Tire Dealer.

If no local dealer is available around you, dial Hankook Toll Free Service Number so that you can get information on where and how service is rendered to you.

## FOR SERVICE ASSISTANCE OR INFORMATION

**U.S.A.**

**CORPORATE HEADQUARTERS**
1450 Valley Road, Wayne, New Jersey 07470
973-633-9000 Toll Free 877-740-7000

**WEST REGIONAL OFFICE**
11555 Arrow Route, Suite 105, Rancho Cucamonga, CA 91730
909-481-9800 Toll Free 800-426-8252

**CANADA**

**CORPORATE HEADQUARTERS**
30 Resolution Dr., Brampton, Ontario L6W 0A3
905-463-9802 Toll Free 800-843-7709

## AVAILABILITY

If there is no KENDA Authorized Tire Dealer in your area, you must call 1-(800)-225-4714, 9AM-5PM Eastern Time, weekdays for instructions regarding the allegedly defective tire. KENDA USA may require that the tire be delivered by you, freight prepaid, to KENDA USA directly or to a specified KENDA Authorized Tire Dealer or other party designated by KENDA USA.

## LIMITATION OF WARRANTY

Except as noted in this Limited Warranty and unless otherwise provided by law, THERE IS NO WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, CLEAR TITLE, NONINFRINGEMENT, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED. This Limited Warranty is the entire warranty given by KENDA USA and KENDA USA's complete obligation is as set forth herein. No one has the authority to imply, suggest, agree, represent, warrant, or promise contrary to the terms hereof.

## LIMITATION OF REMEDY

REPLACEMENT OF A DEFECTIVE KENDA AUTOMOTIVE SPARE TIRE AS SET FORTH HEREIN, EITHER AT NO CHARGE OR AT A DISCOUNTED CHARGE, AS APPLICABLE, CONSTITUTES THE SOLE AND EXCLUSIVE OBLIGATION OF KENDA USA AND THE SOLE AND EXCLUSIVE REMEDY AVAILABLE TO YOU IN THE EVENT OF BREACH OF ANY WARRANTY OR OF ANY AGREEMENT BETWEEN YOU AND KENDA USA OR ITS AUTHORIZED DEALERS.

## LIMITATION OF LIABILITY

IN NO EVENT SHALL KENDA USA OR ITS AUTHORIZED DEALERS OR DISTRIBUTORS BE LIABLE FOR ANY INCIDENTAL, INDIRECT, SPECIAL CONSEQUENTIAL, PUNITIVE, OR EXEMPLARY DAMAGES OR LIABILITIES (INCLUDING, WITHOUT LIMITATION, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOSS OF TIME, INCONVENIENCE, LOSS OF USE OF VEHICLE, TOWING, ROAD SERVICE, 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, EVEN IF KENDA USA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. NOTE: SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGE OR IMPLIED WARRANTIES, SO SUCH EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU.

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FOR WARRANTY QUESTIONS CONTACT:

American Kenda Rubber Ind. Co., LTD
7095 Americana Parkway
Reynoldsburg, OH 43068

800-225-4714
9:00 AM to 5:00 PM Eastern Time
or
Send an email to warranty@kendausa.com with any questions or to file a claim.

KENDA

# Limited Warranty

### Automotive Spare Tires

This policy applies to KENDA automotive spare tires sold and used within the USA and Canada only.

## ELIGIBILITY

You are eligible for the benefits of this warranty (the "Limited Warranty") only if you are the original owner and consumer of new KENDA automotive spare tires, such tires bear the original Department of Transportation (DOT) – prescribed tire identification numbers, and such tires are on the vehicle upon which they were originally installed according to the vehicle manufacturer's or KENDA's recommendations.

## WHAT IS WARRANTED AND FOR HOW LONG

Subject to the limitations contained in this Limited Warranty, your new KENDA automotive spare tires are warranted under this Limited Warranty against failures due to defective materials and workmanship for a period of six (6) years from the date of tire manufacture or three (3) years from date of purchase, whichever occurs first. Tire manufacture date is determined by the Department of Transportation (DOT) – prescribed tire identification numbers.

(A) Eligibility: A tire is eligible for warranty coverage under this Limited Warranty only if the tire is presented by the original owner and consumer within six (6) years of the tire manufacture date or three (3) years from date of purchase, whichever occurs first, the tire has a minimum of 1/32nd inch of tire tread depth remaining, and all procedures in this Limited Warranty are followed.

(B) Free Replacement: Subject to the limitations contained in this Limited Warranty, if a KENDA automotive spare tire fails due to defective materials or workmanship during the first 10% of tread wear, the tire will be replaced with a new comparable KENDA automotive spare tire without charge.

(C) Treadwear Prorated Discount: A defective tire that does not qualify for free replacement under (B) above, but that is otherwise eligible for warranty coverage under this Limited Warranty, will entitle you to a discount on the purchase of a new comparable KENDA automotive spare tire. The amount of the discount will be calculated based upon the percentage of tread that remains on the defective tire. For example, if 60% of the original tread remains on the defective tire, you will be entitled to a 60% discount off of the retail price of a new comparable KENDA automotive spare tire. You are responsible for all labor costs for mounting, balancing and for all applicable taxes.

## DEFINITION OF COMPARABLE TIRE

A "comparable" new KENDA automotive spare tire may either be the same line of tire or, if the defective tire is out of production or unavailable, a tire of the same basic or equal construction and quality with different sidewall or treadwear configuration. If a higher priced tire is accepted as replacement, you will be responsible for the difference in price.

## COMPUTING TREADWEAR

Treadwear is computed as a percentage of the original usable tread. The original usable tread does not include the last 1/32nd inch of tread depth. KENDA USA shall make all determinations regarding treadwear and eligibility for warranty coverage under this Limited Warranty in its sole discretion.

## WHAT IS NOT COVERED BY THE WARRANTY

This Limited Warranty does not apply to:

(A) Damage, failure, or irregular or premature treadwear caused by, resulting from, or arising out of fire, accident, chemical corrosion, malicious mischief, vandalism, or road hazards. Example of road hazards include, without limitation, nails, glass, rocks, curbs, and other foreign objects and natural and manmade obstructions or obstacles such as excavations, construction, potholes, and chuckholes. Damages caused by road hazards can include, without limitation, cuts, snags, punctures, scuffs, carcass bruises, and impact breaks.

(B) Damage, failure, or irregular or premature treadwear caused by, resulting from, or arising out of improper operation or maintenance such as, without limitation, misapplication, neglect, misuse, running flat, overloading, under-or-over inflation, excessive speed over designed 50 mph for spare tire, improper installation, improper wheel alignment, improper mounting or dismounting, use of non-approved rim other than vehicle manufacturer's recommendations, use of puncture sealants, tire plugs, or fillers, noncompliance with safety, usage, or maintenance instructions or parameters, or any alteration to the tire such as, without limitation, grooving bead or sidewall decorative material or the addition of a white inlay (whitewall) to any tire.

(C) Weather cracking

(D) Loss of time, inconvenience, loss of use of the vehicle, costs of towing or transportation, and/or incidental or consequential damages of any type or nature. Vehicle or vehicle damage is not covered.

## KENDA USA OBLIGATIONS

Defective tires qualifying for coverage under this Limited Warranty will be replaced either at no charge or at a discount in accordance with the terms of this Limited Warranty.

## OWNER'S OBLIGATIONS

In order to claim under this Limited Warranty, you must present the allegedly defective tire in the USA or Canada. To obtain a no charge adjustment for tires, you must present proof of purchase date (such as vehicle dealer or tire retailer invoice). You are responsible for payment of all taxes, as well as retailer charges for services that you request but are not covered by the warranty. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.


# Garantie limitée de pneu Maxxis[MD]

Cette Garantie Limitée s'applique seulement aux pneus radial de marque Maxxis installés comme équipement d'origine sur des voitures ou camionnettes, ainsi qu'aux pneus de rechange temporaire de marque Maxxis inclus dans les nouvelles voitures et camionnettes.

Les pneus de marque Maxxis auxquels cette Garantie Limitée s'applique sont désignés dans cette Garantie Limitée « Pneu » ou « Pneus ». Les nouvelles voitures et camionnettes sont désignées « Voiture ». Les concessionnaires autorisés Maxxis qui acceptent des réclamations de garanties sont désignés « Concessionnaires Maxxis ». Les concessionnaires autorisés par des manufacturiers de véhicules qui acceptent des réclamations de garanties sont désignés «Concessionnaire de Manufacturier du Véhicule».

**Avis : Toute garantie ou condition implicite, tant statutaire ou autre, incluant celle quant à la qualité loyale et marchande ou la compatibilité pour un besoin particulier, est limitée à la durée de cette Garantie Limitée écrite. Maxxis ne sera pas responsable pour quelconque perte de temps, inconvénience, perte de jouissance ou de l'usage du Véhicule, et/ou quelconque coûts de remorquage ou de transport, ou tout autre dommage conséquent, accessoire ou indirect. Certains États (ou Provinces) interdisent des limites sur la durée d'une garantie ou condition implicite, et par conséquent, la limite précédente pourrait ne pas s'appliquer à vous. Certains États (ou Provinces) interdisent des exclusions ou limites aux dommages accessoires ou conséquents, et par conséquent, ces limites ou exclusions pourraient ne pas s'appliquer à vous.**

### Éligibilité à la Garantie Limitée

Afin qu'un Pneu ou des Pneus soient couverts par cette Garantie Limitée, toutes les conditions suivantes devraient être satisfaites :

• Le Pneu a été installé ou fourni comme équipement d'origine sur un Véhicule neuf.
• Le Pneu porte un numéro d'identification de Pneu prescrit, le cas échéant.
• Le Pneu a été utilisé seulement avec le Véhicule sur lequel il a été installé ou avec lequel il a été fourni originellement, et il a été installé selon les recommandations du manufacturier du Véhicule et/ou Maxxis.
• Le Pneu a subi un entretien adéquat avec la diligence nécessaire et raisonnable telle qu'indiquée dans le Manuel du Propriétaire du Véhicule et/ou cette Garantie Limitée.
• Le Pneu a été utilisé seulement en vertu d'un régime de service normal.
• Le propriétaire du Pneu est résident des États-Unis d'Amérique ou du Canada.

### Ce qui est garantie et pour quelle durée

• Les défectuosités, vices ou anomalies causé par des matériaux ou main d'œuvre déficient.
• Les problèmes de roulement, de vibration et/ou de Pneus non-centrés, en autant que la bande de roulement du Pneu a au moins 1/32ième de pouce (0,8mm) de profondeur.
• Selon la première éventualité de soit l'expiration d'une période de 60 mois suivant la date de l'achat du nouveau Véhicule, ou quand la bande de roulement du Pneu aura moins de 2/32ième de pouce (1,6 mm) de profondeur, sauf s'il s'agit s'un pneu de rechange temporaire auquel cas la bande de roulement du pneu devrait avoir au moins 1/32ième de pouce (0,8mm) de profondeur.

### Ce qui n'est pas couvert par cette Garantie Limitée

• Les défectuosités, vices ou anomalies ou dommages au Pneu résultant d'un usage ou entretien inadéquat tel que, sans limiter la portée générale de ce qui précède, la surcharge, la vitesse excessive, des habitudes de gonflement causant des températures d'opération excessives qui dépassent les spécifications, l'usage impropre, le mauvais équilibrage du Pneu/roue, le vandalisme, l'usage de produit d'étanchéité contre l'obturation ou la corrosion chimique.
• Les risques routiers, incluant sans limiter la portée générale de ce qui précède, les coupures, accrocs, crevaisons, ruptures de la carcasse, des bris dus à l'impact, l'usage de produits d'étanchéité contre l'obturation ou des bouches de pneus, et/ou tout autre dommage causé par la réparation de pneu.
• Les problèmes de roulement, de vibration et/ou de Pneus non-centrés, si Maxxis détermine que le problème ne résulte pas d'une défectuosité couverte par cette Garantie Limitée, sans tenir compte de l'usure de la bande de roulement du Pneu.
• Usure irrégulière de la bande de roulement résultant d'une géométrie des roues inadéquate, le sous- ou sur-gonflement, l'usage abusif de pneu (tel que le patinage), l'installation ou le démontage inadéquat, les problèmes mécaniques du véhicule (tel que des freins ou suspension défectueux, usés ou susceptibles d'anomalie), des roues endommagées, le centrage de pneu, l'usage de chaînes antidérapantes, une bande de roulement lisse causée par le freinage, ou des Pneus impliqués dans des accidents.
• Les modifications aux Pneus tel que, sans limiter la portée générale de ce qui précède, la décoration aux talons ou flancs de pneus ou l'addition de flanc blanc au pneu.
• Les défectuosités, vices ou dommages aux pneus utilisés sur des véhicules impliqués dans des courses ou à un usage particulier, tel que la poursuite policière.
• Des réclamations par des personnes autres que l'acheteur original à titre de consommateur.

### Limitation de Garantie

**• Toute garantie ou condition implicite, tant statutaire ou autre, incluant celle quant à la qualité loyale et marchande ou la compatibilité pour un besoin particulier est limitée à la durée de cette Garantie Limitée écrite.**
**• Maxxis ne sera pas responsable pour quelconque perte de temps, inconvénience, perte de jouissance ou de l'usage du Véhicule, et/ou quelconque coûts de remorquage ou de transport, ou tout autre dommage conséquent, accessoire ou indirect.**
• Certains États (ou Provinces) interdisent des limites sur la durée d'une garantie ou condition implicite, et par conséquent, la limite précédente pourrait ne pas s'appliquer à vous. Certains États (ou Provinces) interdisent des exclusions ou limites aux dommages accessoires ou conséquents, et par conséquent, ces limites ou exclusions pourraient ne pas s'appliquer à vous.
• Cette Garantie Limitée s'applique uniquement aux États-Unis d'Amérique et au Canada.
• Cette Garantie Limitée ne devrait pas être interprétée comme une déclaration qu'une panne ou autre anomalie de pneu ne surviendrait pas.
• Cette Garantie Limitée est la garantie complète offerte par Maxxis, et l'obligation entière de Maxxis concernant les Pneus est stipulée dans cette Garantie Limitée. Nulle personne n'a l'autorité de laisser entendre, suggérer, convenir, représenter, déclarer ou promettre autrement que les conditions de cette Garantie Limitée.
• Cette Garantie Limitée vous donne des droits juridiques spécifiques et vous pourriez aussi avoir d'autres droits qui varient d'un État ou Province à l'autre.

### Remplacement de Pneus

• Si vous faites une réclamation de garantie en vertu de cette Garantie Limitée, soit avant qu'il n'y ait plus que 25% d'usure à la bande de roulement du Pneu*, ou soit avant l'expiration d'une période de 12 mois suivant la date de l'achat du Nouveau véhicule (selon la première éventualité), alors le Pneu sera remplacé promptement et sans frais par un pneu comparable («Remplacement Gratuit»).
*Si votre réclamation de garantie est concernant un pneu de rechange temporaire, le pneu devrait avoir au moins 1/32ième de pouce (0,8mm) de profondeur de la bande de roulement, et la réclamation de garantie peut se faire après la période de 12 mois suivant la date de l'achat.
• Durant la période de Remplacement Gratuit, l'installation et l'équilibrage se feront sans frais.
• Après la période de Remplacement Gratuit et la période de garantie du Manufacturier du Véhicule, le crédit du Pneu sera calculé sur une base au pro rata.
• La bande de roulement restante et utilisable sera calculée comme un pourcentage de la bande utilisable originale. Le montant de crédit sera calculé en multipliant le prix au détail du marché du Pneu au moment de la réclamation de garantie par la bande de roulement restante et utilisable.
• La bande de roulement utilisable originale n'inclut pas le dernier 2/32ième de pouce (1,6mm) de la bande de roulement.
• Vous êtes responsable pour le paiement des frais de la main d'œuvre pour l'installation et l'équilibrage ainsi que les taxes et frais applicables pour les services demandés par vous mais qui ne sont pas couverts par cette Garantie Limitée, ainsi que tout frais d'expédition après la période de Remplacement Gratuit.
• Un pneu comparable pourrait soit être un nouveau pneu de marque Maxxis de même catégorie que le Pneu, ou si le Pneu n'est plus fabriqué ou disponible, un nouveau pneu de marque Maxxis offrant la même qualité et construction de base, tout en ayant des flancs ou configuration de la bande de roulement différents. Si le même pneu ou un nouveau pneu Maxxis comparable est disponible, et vous exigez un pneu plus dispendieux comme remplacement, la différence de prix sera assumée par vous.

### Procédure de réclamation de garantie

• Vous devrez présenter le Pneu à un Concessionnaire de Manufacturier du Véhicule ou à un Concessionnaire Maxxis.
• Vous devrez présenter la preuve de la date de votre achat du Véhicule (facture du concessionnaire automobile). Si vous ne présentez pas cette preuve, la réclamation de garantie ne sera considérée que si le Pneu a été fabriqué il y a moins de 5 ans.
• Vous devrez présenter le Pneu qui est sujet à la réclamation de garantie ainsi que tous les documents de service et d'entretien exigés par cette Garantie Limitée.
• S'il n'existe pas de Concessionnaire Maxxis ou de Concessionnaire de Manufacturier du Véhicule à votre proximité, veuillez communiquer avec le Centre de technologie de Maxxis en composant le 1-866-509-7067.

### Information sur l'entretien pour la sécurité

**L'installation et le gonflement de pneu inadéquat et le chargement excessif peuvent causer des blessures ou des dommages matériels sérieux. Maxxis recommande que vous lisiez et suiviez les informations concernant la sécurité se trouvant dans la section de ce livret concernant la sécurité, sur la plaque-étiquette dans le Véhicule et/ou dans le Manuel du Propriétaire du Véhicule. L'information concernant la sécurité et l'entretien se trouve aussi sur le flanc du Pneu. Veuillez observer les consignes suivantes :**
• Vérifiez la pression d'air mensuellement lorsque les pneus sont « froids ». Utilisez un manomètre précis à air comprimé pour pneus. Ne réduisez pas la pression lorsque les pneus sont chauds. Un gonflement adéquat est essentiel. Le sous-gonflement produit une flexion des flancs et une accumulation de chaleur à un point tel où une panne de pneu prématurée pourrait se produire. Le gonflement excessif peut rendre le pneu plus vulnérable aux dommages causés par l'impact.
• Ne surchargez jamais vos pneus. La capacité de charge maximum et la pression de gonflement maximum sont indiquées sur le flanc de votre pneu. Un chargement excessif produit une accumulation de chaleur et peut causer une panne de pneu prématurée.
• Evitez les objets endommageant (nids de poule, vitre, roches et les bordures de routes) qui pourraient causer un dommage interne au pneu. L'utilisation continuelle d'un pneu qui a subi un dommage interne qui n'est pas visible de l'extérieur pourrait causer une panne de pneu dangereuse. La détermination d'un dommage interne exige le démontage du pneu et son examen par un expert en pneus qualifié.
• Les procédures d'installation et de gonflement de pneus inadéquates pourraient causées le bris des talons de pneus avec une force explosive durant l'installation du pneu sur la jante. La taille du pneu devrait correspondre à celle de la jante. Les pièces de la jante devraient se correspondre entre elles selon les spécifications du manufacturier. Nettoyer la jante. Lubrifier la jante et les talons. Ne dépassez pas la pression maximale recommandée afin d'insérer les talons. Seul un expert en pneus qualifié devrait installer des pneus.
• L'utilisation d'un pneu complètement usé (moins de 2/32ième de pouce (1,6mm) de la bande de roulement restante) augmente les risques d'une panne de pneu.
• Les vitesses excessives produisent une accumulation de chaleur dans un pneu, pouvant causer une panne de pneu.
• Maxxis recommande fortement une rotation des pneus à tous les 5 000 à 7 500 milles (8 000 à 12 000 kilomètres).
• Le pneu de rechange temporaire de marque Maxxis pèse moins qu'un pneu radial conventionnel. Le pneu temporaire devrait être utilisé seulement en cas d'urgence et retourné dans le coffre dès qu'il vous est possible de faire remplacer ou réparer votre pneu standard.

### Coordonnés

A tout moment où vous remarquez que vos Pneus ou roues sont endommagés, veuillez communiquer immédiatement avec le Concessionnaire de Manufacturier du Véhicule ou un Concessionnaire Maxxis. Si de l'assistance supplémentaire est nécessaire, veuillez communiquer avec nous :

Maxxis International – U.S.A.
1-866-509-7067

Maxxis Technology Center
480 Old Peachtree Road
Suwanee, GA 30024
USA

# Maxxis® Tires Limited Warranty

This Limited Warranty applies only to Maxxis brand radial tires installed as original equipment on new passenger cars and light trucks, and to Maxxis brand temporary spare tires included with new passenger cars and light trucks.

The Maxxis brand tires to which this Limited Warranty applies are referred to in this Limited Warranty as Tire or Tires. New passenger cars and light trucks are referred to as a Vehicle. Maxxis-authorized dealers that accept warranty claims are referred to as Maxxis Dealers. Vehicle Manufacturer authorized dealers that accept warranty claims are referred to as Vehicle Manufacturer Dealers.

**Notice: Any implied warranty or condition, whether statutory or otherwise, including that of merchantability or fitness for a particular purpose, is limited to the duration of this written Limited Warranty. Maxxis is not responsible for loss of time, inconvenience, loss of use of vehicle, and/or costs of towing or transportation, or any other consequential, incidental or indirect damages. Some States (or Provinces) do not allow limitations on how long an implied warranty or condition lasts, so the above limitation may not apply to you. Some States (or Provinces) do not allow the exclusion or limitation of incidental or consequential damages, so these limitations or exclusions may not apply to you.**

### Eligibility for Limited Warranty

In order for the Tire or Tires to be covered by this Limited Warranty, all of the following conditions must be met:

- The Tire was installed or supplied as original equipment on a new Vehicle.
- The Tire bears the prescribed tire identification number, as applicable.
- The Tire has been used only on the Vehicle on which it was originally installed or supplied, and the installation was in accordance with Vehicle manufacturer's and/or Maxxis' recommendations.
- The Tire has been properly cared for, and reasonable and necessary maintenance has been performed, in accordance with the Vehicle Owner's Manual and/or this Limited Warranty.
- The Tire has been operated only under normal service conditions.
- The Tire's owner resides in the United States or Canada.

### What Is Warranted and for How Long

- Failures, defects, and malfunctions due to defective materials and/or defective workmanship.
- Ride problems, vibration problems, and/or out-of-round Tires, if the Tire is within the first 1/32nd inch of tread depth (0.8 mm).
- Within 60 months from the date of your purchase of the new Vehicle, or at least 2/32nd inch (1.6 mm) of tread depth remaining on the Tire, whichever comes first, except if the Tire is a temporary spare tire, in which case the tire must be within the first 1/32nds inch (0.8 mm) of tread depth.

### What Is Not Covered by this Limited Warranty Policy

- Tire failure, defect, malfunction or damage resulting from improper operation or maintenance such as, but not limited to, overloading, excessive speed and inflation practices causing excessive operational temperatures that exceed specifications, misapplication, tire/wheel imbalance, vandalism, use of puncture sealants and/or chemical corrosion.
- Road hazards, including but not limited to cuts, snags, punctures, bruises, impact brakes, tire plugs, and/or any other damage caused by tire repair.
- Ride problems, vibration problems, and/or out-of-round Tires, if Maxxis determines the problem is not the result of a defect covered under this Limited Warranty, regardless of the tread depth of the Tire.
- Irregular treadwear resulting from improper wheel alignment, under or over inflation, tire abuse (such as spinning), improper mounting or dismounting, vehicle mechanical problems (such as faulty, worn or malfunctioning brakes and/or suspension), damaged wheels, tire truing, snow/ice chain usage, flat spots caused by braking, or Tires involved in accidents.
- Tire alterations such as, but not limited to, bead or sidewall decorative material and/or adding a white inlay (whitewall) to the tire.
- Failure, defect, malfunction or damage to Tires used on vehicles engaged in racing or special applications, such as police pursuit.
- Claims made by persons other than the original consumer purchaser.

### Limitation of Warranty

- **Any implied warranty or condition, whether statutory or otherwise, including that of merchantability or fitness for a particular purpose, is limited to the duration of this written Limited Warranty.**
- **Maxxis is not responsible for loss of time, inconvenience, loss of use of vehicle, and/or costs of towing or transportation, or any other consequential, incidental or indirect damages.**
- Some States (or Provinces) do not allow limitations on how long an implied warranty or condition lasts, so the above limitation may not apply to you. Some States (or Provinces) do not allow the exclusion or limitation of incidental or consequential damages, so these limitations or exclusions may not apply to you.
- This Limited Warranty is only applicable in the United States and Canada.
- This Limited Warranty is not intended as a representation that a tire failure cannot occur.
- This Limited Warranty is the entire warranty given by Maxxis, and Maxxis' complete obligation with respect to the Tires is stated in this Limited Warranty. No one has the authority to imply, suggest, agree, represent, warrant, or promise contrary to the terms of this Limited Warranty.
- This Limited Warranty gives you specific legal rights and you may also have other rights which vary from State to State or Province to Province.

### Replacement of Tires

- If you make a warranty claim in accordance with this Limited Warranty, and the Tire* is within the first 25% of original, usable tread, or the warranty claim is made 12 months from the date of your purchase of the new Vehicle (whichever comes first), the Tire will be promptly replaced with a comparable tire, without charge to you (Free Replacement).

* If your warranty claim is with respect to a temporary spare tire, the tire must be within the first 1/32nd inch (0.8 mm) of tread depth, and the warranty claim does not have to be made within 12 months from the date of purchase.

- During the Free Replacement period, mounting and balancing are free of charge.
- After the Free Replacement period and Vehicle Manufacturer's warranty period, the credit of the Tire will be calculated on a pro-rated basis.
- Remaining usable tread is computed as a percentage of the original, usable tread. The credit amount will be calculated by multiplying the Tire's market retail price at the time of the warranty claim by the remaining usable tread.
- Original, usable tread does not include the last 2/32nds inch (1.6 mm) of tread depth.
- You are responsible for payment of labor costs of mounting and balancing and applicable taxes, charges for services that you request but that are not covered by this Limited Warranty, and any shipping expenses after the Free Replacement period.
- A "comparable tire" may either be a new Maxxis brand tire of the same line as the Tire, or if the Tire is out of production or unavailable, a new Maxxis brand tire of the same basic construction and quality, with different sidewall or treadwear configuration. If the same tire or a comparable new Maxxis tire is available, and you request a higher-priced tire as a replacement, the difference in price will be paid by you.

### Warranty Claim Procedure

- You must present the Tire to a Vehicle Manufacturer Dealer or a Maxxis Dealer.
- You must present proof of the date of your purchase of the Vehicle (car dealer invoice). If you do not present this proof, the warranty claim will be considered only if the Tire is within five years of its date of manufacture.
- You must present the Tire that is the subject of the warranty claim and all service and maintenance records required by this Limited Warranty.
- If there is no Maxxis Dealer or Vehicle Manufacturer Dealer near you, call the Maxxis Technology Center at 1-866-509-7067.

### Safety Maintenance Information

**Improper tire mounting and inflation and overloading may cause serious injury or property damage. Maxxis recommends that you read and follow all safety information contained in the tire safety information section of this booklet, vehicle placard in the Vehicle and/or the Vehicle Owner's Manual. Information regarding safety and maintenance also can be found on the sidewall of the Tire.** Please also comply with the following:

- Check air pressure every month when tires are "cold." Use an accurate tire air pressure gauge. Do not reduce pressure when tires are hot. Proper inflation is essential. Under inflation produces flexing of the sidewalls and builds up heat to the point that premature tire failure may occur. Over inflation can cause the tire to be more susceptible to impact damage.
- Never overload your tires. The maximum load capacity and maximum inflation pressure are molded into the sidewall of your tire. Overloading builds up excessive heat and can lead to early tire failure.
- Avoid damaging objects (such as chuckholes, glass, rocks and curbs) which may cause internal tire damage. Continued use of a tire that has suffered internal damage, which may not be visible externally, can lead to dangerous tire failure. Determination of internal damage will require dismounting of the tire and examination by trained tire personnel.
- Improper tire mounting and inflation procedures may cause the tire beads to break with explosive force during installation of the tire on the rim. Tire and rim must match in size. Rim parts must match by manufacturer's design. Clean rim. Lubricate rim and beads. Do not exceed the maximum recommended pressure to seat the beads. Only trained tire personnel should mount tires.
- Use of worn-out tires (less than 2/32nd inch (1.6 mm) of tread depth) increases the probability of tire failure.
- Excessive speeds create heat buildup in a tire, leading to possible tire failure.
- Maxxis strongly recommends tire rotation every 5,000 to 7,500 miles (8,000 to 12,000 kilometers).
- The Maxxis brand temporary spare tire weighs less than a conventional radial tire. The temporary tire should be used only in emergencies and returned to the trunk as soon as it is convenient to have your standard tire repaired or replaced.

### Contact Information

Any time you see damage to your Tires or wheels, immediately contact a Vehicle Manufacturer Dealer or Maxxis Dealer. If further assistance is required, please contact:

Maxxis International - U.S.A.
1-866-509-7067
Or write:
Maxxis Technology Center
480 Old Peachtree Road,
Suwanee, GA 30024
USA

V001

# Original Equipment Passenger & Light Truck Tire Owner's Manual & Limited Warranty

**Please register your tires.**

Please be sure to visit **michelinman.ca** to find out how and why to register your new MICHELIN® tires. While you're there, check out our tire care and driving tips section to take full advantage of your new tires. You can also sign up for emails about Michelin news and special offers, at **michelinman.ca/newsletter**.

MICHELIN
A better way forward

MDW41914 (Rev. 8/11)

# MICHELIN® PASSENGER AND LIGHT TRUCK TIRE LIMITED WARRANTY

## ABOUT THIS WARRANTY

As the original purchaser of a Michelin® passenger or light truck 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.

### Limited mileage warranty:

Michelin® passenger and light truck tires – replacement and original equipment – are covered by a limited mileage warranty (hereafter referred to as limited warranty for tread wear). For the mileage warranty associated with each tire line, please see your Michelin tire retailer – or visit us at www.michelinman.ca/promise. *Certain conditions and limitations apply. Mileage warranties vary by tire line and certain exclusions may apply.*

### Self-Supporting Zero Pressure Tires (ZP)

As the purchaser of a Michelin® Self-Supporting Zero Pressure (ZP) passenger tire, mounted on a vehicle approved for ZP tires, equipped with a properly operating low tire pressure warning system, you are covered by this warranty. Please pay close attention to the Owner's Manual part of this booklet since it provides specific safety and maintenance information for your ZP tires.

Michelin® Self-Supporting Zero Pressure (ZP) tires are part of a very sophisticated system which is designed to provide a very simple benefit: Peace of Mind. With these tires, you can maneuver the vehicle up to 80 kilometers at 90 kph, unless otherwise specified in your vehicle owner's manual, even though the tire has lost all air! That means time to exit from the highway and get to a place where the tire can be inspected, replaced, or possibly returned to service. The distance that can safely be travelled following an air loss incident will depend upon the conditions under which the vehicle is operating, the degree of air loss, the extent of the damage causing the air loss, the ambient temperature,the load, and the operating speed of the vehicle. The fewer kilometers you travel after an air loss incident, the greater the likelihood that the tire can be re-inflated (or, if punctured, repaired) and returned to service.

## WHAT IS COVERED AND FOR HOW LONG

### Passenger and Light Truck Tires

Michelin® Passenger and Light Truck tires, used in normal service on the vehicle on which they were originally fitted and in accordance with the maintenance recommendations and safety warnings contained in this owner's manual, are covered by this warranty against defects in workmanship and materials for the life of the original usable tread, or 6 years from the date of purchase, whichever occurs first. At that time, all warranties, express or implied, expire. The usable

tread is the original tread down to the level of the tread wear indicators - 2/32nds of an inch (1.6 mm) of tread remaining. Date of purchase is documented by new vehicle registration or tire sales invoice. If no proof of purchase is available, coverage will be based on the date of manufacture.

Replacement will be made in accordance with the terms and conditions described under "How Replacement Charges are Calculated". Note: your vehicle manufacturer may provide additional tire warranty coverage over and above what is provided by Michelin®. Consult your vehicle owner's manual for further information.

NOTE: Some Michelin® Self-Supporting Zero Pressure (ZP) tires can only be mounted on special SH-M (Symmetric Hump - Modified) wheels. These tires bear the special SH-M designation, molded into the sidewall of the tire, next to the ZP designation. DO NOT MOUNT A TIRE WITH THE SH-M DESIGNATION ON THE SIDEWALL ON A STANDARD WHEEL. DOING SO VOIDS THIS LIMITED WARRANTY AND COULD CAUSE THE TIRE TO BECOME UNSERVICEABLE AT LOW OR ZERO PRESSURE, RESULTING IN SERIOUS PERSONAL INJURY OR DEATH.

**Tread wear – mileage warranty coverage for MICHELIN® passenger and light truck tires:**

MICHELIN® passenger and light truck tires are covered by a manufacturer's limited warranty for tread wear. Also please note that mileage warranties apply to tires that come as original equipment on new vehicles purchased on or after September 1, 2011 (model year 2011 and later). For the mileage warranty associated with a specific tire line, please see your Michelin tire retailer or visit us at www.michelinman.ca/promise. Some vehicles come from the vehicle manufacturer with "split fitments" – meaning different size tires on the front and rear axles. Because these tires cannot be rotated as recommended by Michelin, the mileage warranty on each rear tire will cover half the number of kilometers as the standard mileage warranty for that particular tire design. MICHELIN® Self-Supporting Zero Pressure (ZP) tires have the same mileage warranty as the standard tire line of which they are a part, up to but not exceeding 50,000 kilometers. DOT-approved competition tires (e.g., MICHELIN® Pilot® Sport Cup tires) are excluded from any mileage warranty. MICHELIN® winter tires must be used during winter months only, defined as a period beginning on or after September 1 of a given year and ending no later than April 30 of the following year. MICHELIN® 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 tread wear.

**An important reminder:**
No tire manufacturer can unconditionally guarantee you a certain number of kilometers from a given tire. Driving habits, driving conditions, road conditions, and vehicle maintenance all play a part in the tread life of a tire. If a tire does

not reach the warranted mileage, and the owner of the tires has complied with the terms and conditions of the warranty, Michelin will replace the tires as described under "How Replacement Charges are calculated".

**Temporary Spares**

Michelin® temporary spare tires are covered by this warranty for 6 years from the date of purchase or until the first 2/32nds of an inch (1.6 mm) of the original tread is worn off. Date of purchase is documented by new vehicle registration or tire sales invoice. If no proof of purchase is available, coverage will be based on date of manufacture. At that time, all warranties, express or implied, expire.

## WHAT IS NOT COVERED

**Tires which become unserviceable due to:**

- Road hazard injury (e.g., a cut, snag, bruise, impact damage or puncture);
- 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 (1.6 mm) or more across the tread on the same tire);
- Accident, fire, chemical corrosion, tire alteration, or vandalism;
- Use in commercial applications for treadwear;
- 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);
- Ozone or weather checking;
- Use of MICHELIN Self-Supporting Zero Pressure (ZP) tires without a properly operating low air pressure warning system.

## HOW REPLACEMENT CHARGES ARE CALCULATED

**Passenger and Light Truck Tires**

A tire which becomes unserviceable 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 2/32nds of an inch (1.6 mm) or less of the original tread is worn, (or 25% or less, whichever is more beneficial to the user) and within 12 months of the date of purchase. Mounting and balancing of the tire is included. **You pay the cost of any other service charges and applicable taxes.**

When more than 2/32nds of an inch (1.6 mm) of original tread has been worn (or more than 25%, whichever is more beneficial to the user) or after 12 months from the date of purchase, you must pay the cost of a comparable new Michelin® passenger or light truck replacement tire on a *pro rata* basis. The retailer will determine the charge by multiplying the percentage of the original

usable tread worn, by the price in the current Michelin® Base Price List. This list is based on a predetermined price intended to fairly represent the actual selling price of the tire. **You pay the cost of mounting, balancing and any other service charges and applicable taxes.**

**Tread wear**

A tire meeting the conditions for *pro rata* replacement, which wears evenly across the tread, down to the tread wear indicators (2/32nds of an inch tread remaining) within six years of the date of purchase, and before delivering the warranted kilometers of service, will be replaced with a comparable new MICHELIN® tire based on mileage received. The participating Michelin tire retailer will determine the charge by multiplying the percent of mileage received by the price of the tire in the current MICHELIN® Base Price List. This list is based on a predetermined price intended to fairly represent the actual selling price of the tire. **You pay the cost of mounting, balancing and any other dealer services and applicable taxes or fees.**

Tires which wear out evenly before delivering the warranted mileage will be replaced on a *pro rata* basis only if:

1) You are the original purchaser of the tires, you own the vehicle on which they were originally installed, and the tires have been used only on that vehicle;

2) The tires have been rotated and inspected by a participating Michelin tire retailer every 12,000 kilometers, and the attached Mounting and Rotation Service Record has been fully completed and signed;

3) The completed Service Record form, Original Owner/Tire Installation Information form, and the Original Invoice are presented to a participating Michelin tire retailer at the time of adjustment claim; and

4) The tires have not become unserviceable due to a condition listed under WHAT IS NOT COVERED.

**Temporary Spare Tires**

A Michelin® Temporary Spare used in temporary service on the vehicle in which it was originally installed, which becomes unserviceable due to a condition covered by this warranty, will be replaced with a comparable new Michelin¨ Temporary Spare tire, free of charge, when it is worn less than 1/32nd of an inch (0.8 mm). The cost of mounting and balancing is included. **You pay the cost of any other service charge and applicable taxes.**

When 1/32nd of an inch (0.8 mm) of the original tread has been worn but less than 2/32nds of an inch (1.6 mm) the tire will be replaced at 50% according to current actual selling price at the adjustment location. **You pay the cost of mounting, balancing, and any other service charges and applicable taxes.**

# *MICHELIN® PASSENGER AND LIGHT TRUCK TIRE LIMITED WARRANTY*

## WHAT YOU MUST DO WHEN MAKING A CLAIM

When making a claim under the terms of this limited warranty, you must present your tire(s) to a participating Michelin® retailer. The vehicle on which the tires were used must be available for inspection.

Michelin® tire retailers are listed in the yellow pages under "Tire Dealers-Retail". Personal identification (i.e. Driver's License, etc.) and vehicle registration may be required.

**You pay service charges for normal vehicle and tire maintenance.**

## CONDITIONS AND EXCLUSIONS

This limited warranty does not provide compensation for loss of time, loss of use of vehicle, inconvenience or incidental or consequential damages. Tires presented for claim remain the property of the consumer and Michelin® accepts no responsibility for loss or damage to tires which are in the custody or control of a Michelin® tire retailer for the purpose of inspection for warranty adjustment.

**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 Michelin® North America, Inc.

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

This warranty applies only in the United States and Canada.

## SAFETY MAINTENANCE INFORMATION

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

When service is required:

1 Contact a participating Michelin® tire retailer listed in your local yellow pages.

2 If additional assistance in locating a participating Michelin® tire retailer is required, please call the phone number listed for your area on page 22.

# ⚠ SAFETY WARNING

DISREGARDING ANY OF THE SAFETY PRECAUTIONS AND INSTRUCTIONS CONTAINED IN THIS MANUAL MAY RESULT IN TIRE FAILURE OR EXPLOSION CAUSING SERIOUS PERSONAL INJURY OR DEATH.

## 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, Michelin recommends you thoroughly read and follow the recommendations in this Michelin Limited Warranty/Owner's Manual, vehicle owner's manual, tire placard information, 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 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 tires look flat or low, show 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 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.

## SELF-SUPPORTING ZERO PRESSURE (ZP) TIRES AT LOW OR ZERO AIR PRESSURE

The handling characteristics of a vehicle with a deflated Self-Supporting Zero Pressure (ZP) tire (whether front or rear) are not the same as those of a vehicle with normally inflated tires. Avoid high speeds and hard cornering whenever a low pressure warning is activated.

Even a Michelin® Self-Supporting Zero Pressure (ZP) tire can build up excessive heat when run underinflated for an extended period of time. The length of time and distance a Self-Supporting Zero Pressure (ZP) tire will perform at low or zero air pressure will depend upon the severity of the event causing air loss, ambient temperature, speed at which the tire is operated, and the conditions under which the tire is operated (i.e. hard braking, cornering and

other sharp maneuvers will greatly reduce the length of time the tire can perform at low or zero air pressure.) Continuous use of an underinflated tire may lead to sudden tire destruction. If a tire at low or zero pressure begins to vibrate or cause difficulty in vehicle handling, remove the tire immediately and replace with the temporary spare. If Michelin® Self-Supporting Zero Pressure (ZP) tires are supplied as original equipment, refer to the vehicle owner's manual for complete details on the low air pressure warning system designed to alert you in the event of a low pressure condition.

NOTE: MICHELIN® SELF-SUPPORTING ZERO PRESSURE (ZP) TIRES ARE TO BE USED ONLY IN CONJUNCTION WITH AN OPERATIONAL, MICHELIN® APPROVED, LOW AIR PRESSURE WARNING SYSTEM. Otherwise, all provisions of the limited warranty are void. For a list of approved systems, see your participating Michelin® retailer, or call **1-800-847-3435** in the United States or **1-888-871-4444** in Canada.

NOTE: Some MICHELIN® Self-Supporting Zero Pressure (ZP) tires can only be mounted on special SH-M (Symmetric Hump - Modified) wheels. These tires bear the special SH-M designation, molded into the sidewall of the tire, next to the ZP designation. DO NOT MOUNT A TIRE WITH THE SH-M DESIGNATION ON THE SIDEWALL ON A STANDARD WHEEL. DOING SO VOIDS THIS LIMITED WARRANTY AND COULD CAUSE THE TIRE TO BECOME UNSERVICEABLE AT LOW OR ZERO PRESSURE, RESULTING IN SERIOUS PERSONAL INJURY OR DEATH.

For all types of tires, consult your vehicle tire placard or owner's manual for recommended operating pressures. If the tires are purchased as replacement tires, operating instructions for the low pressure warning system will be provided by the manufacturer of that system. Recommended operating pressures will be provided by a participating Michelin® retailer for self supporting ZP tires. 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 PRESSURES 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 prior to long distance trips. This applies to all tires, including sealant types, and Self-Supporting Zero Pressure (ZP) tires which are as susceptible to losing air pressure as any other type of tire if not properly maintained.

## 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.

**Checking pressure when tires are hot:**

If pressures are checked after tires have been driven for more than three minutes or more than two kilometers the tires become hot and the pressures will increase by approximately 4 psi. Therefore when the tire pressure is adjusted under these conditions, it should be increased to a gauge reading of 4 psi greater than the recommended cold inflation pressure.

**For Example Only:**

Gauge reading of hot tire: . . . . . 32 psi (220 kPa)
If recommended cold inflation pressure is: . . . . . 30 psi (205 kPa)
Desired gauge reading of hot tire 30 + 4 psi = . . 34 psi (205 + 30 = 235 kPa)
Therefore: add 2 psi . . . . . (15 kPa)

**Check cold pressure as soon as possible, preferably within 24 hours. "Bleeding" air from hot tires could result in under-inflation. Use an accurate tire gauge to check pressures. Never allow children to inflate or deflate tires.**

## FOR SELF-SUPPORTING ZERO PRESSURE (ZP) TIRES CHECK INFLATION PRESSURES AS SOON AS POSSIBLE FOLLOWING A LOW PRESSURE WARNING

Low pressure warning systems are designed to alert the driver to a low air pressure situation in at least one tire on the vehicle. While your ZP tires are designed to provide continued mobility in the event of an air loss, the sooner you respond to a warning and take corrective action, the greater the likelihood that the tire can be returned to service.

**Always visually inspect your Michelin® self-supporting tires and use a pressure gauge to check the air pressure in all 4 tires following any low pressure warning. (Unless advised to do otherwise by the manufacturer of your low pressure warning system.)**

**If the tire pressure is at or below 18 PSI, proceed to the nearest participating Michelin® retailer (or a representative of your vehicle manufacturer if advised to do so in your vehicle owner's manual) and have the tire demounted and thoroughly inspected for possible internal damage.**

**If you are unable to see any damage to the tire, and the tire pressure is more than 18 PSI, reinflate your tire to the proper air pressure. (See instructions for checking pressures when tires are hot.) When tires have cooled, check air pressure again. If any tire has lost more than 5 PSI from the previous pressure check, have the tire inspected at once by a participating Michelin® tire retailer (or representative of your vehicle manufacturer if your vehicle owner's manual so advises.) Failure to do so may cause irreparable damage to the tire and result in sudden tire destruction and personal injury.**

## 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 the 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 owner's manual provided with your vehicle 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, 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 it with the spare at once and visit a participating Michelin Tire Retailer.**

Exceeding the maximum speeds shown on the following page for each type of Michelin® 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 RATINGS

Speed Symbols are shown on the sidewall of some Michelin® tires. The following table shows the maximum speed corresponding to the symbol.

| SPEED Ratings | Maximum Speed Km/hr | mph |
|---|---|---|
| M | 130 | 81 |
| N | 140 | 87 |
| P | 150 | 93 |
| Q | 160 | 100 |
| R | 170 | 106 |
| S | 180 | 112 |
| T | 190 | 118 |
| H | 210 | 130 |
| V | 240 | 149 |
| V* | 240+ | 149+ |
| W | 270 | 168 |
| Y | 300 | 186 |
| | 300+ | 186+ |


*Some V (or VR) rated tires may have a speed capacity greater than 149 mph (240 km/h). Consult your participating Michelin® tire retailer for maximum speed rating if your vehicle capability exceeds this speed.

**Z (or ZR) rated tires are designed to use on cars with maximum speed capabilities in excess of 149 mph (240 km/h).

(W and Y speed ratings are sub-categories of Z).

Consult your Michelin® 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.

Michelin® 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).

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 vehicle tire placard or 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.

## SPEED RATINGS (CONT'D)

### WINTER TIRES

Michelin® 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.

## 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 Michelin® 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 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 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 Michelin® 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

Michelin® tires contain "Wear-Bars" in the grooves of the tire tread which show up when only 2/32nds of an inch (1.6 mm) 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 Michelin® 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 decal and the owner's manual supplied by the manufacturer of your vehicle for further recommendations on trailer towing.

### Self-Supporting Zero Pressure (ZP) Tires and Trailer Towing

Operation of ZP tires at low or zero air pressure with a trailer in tow, is dangerous and is not recommended. If the low pressure warning indicator is activated when a trailer is in tow, stop, disconnect the trailer, and do not continue to tow the trailer until the tire has been repaired and re-inflated to the proper air pressure. If the tire cannot be repaired, it must be replaced with a new full size ZP tire, and inflated to the proper air pressure, before the trailer can be safely towed again.

## 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

Michelin® 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.

MICHELIN® DOES NOT RECOMMEND MIXING SELF-SUPPORTING ZERO PRESSURE (ZP) TIRES WITH NON-ZP TIRES OTHER THAN THE TEMPORARY USE OF THE SPARE TIRE.

## 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 optimum 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, Michelin® recommends rotating your tires every 6,000 to 8,000 miles (10,000 to 12,000 km).

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 differing 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 MICHELIN® TIRE RETAILER AT ONCE

If any Michelin® tire sustains a puncture, have the tire demounted and thoroughly inspected by any Michelin® tire retailer for possible damage that may have occurred.

A tread area puncture in any Michelin® passenger or light truck tire can be repaired provided that the puncture hole is not more than 1/4" in diameter, 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. **Plug only repairs 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 will 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 or 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 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. **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 changing 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 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.**

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

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

## SPECIAL MOUNTING INSTRUCTIONS FOR SELF-SUPPORTING ZERO PRESSURE (ZP) TIRES

ZP tires can be more difficult to mount than conventional tires. They should be mounted and demounted only by a properly trained tire professional. ZP tires can generate a tremendous amount of heat when run at low or zero pressure. ALWAYS ALLOW A ZP TIRE TO COOL BEFORE ATTEMPTING TO HANDLE IT. FAILURE TO DO SO COULD RESULT IN INJURY. Michelin® ZP tires are tubeless tires designed to operate in emergency conditions at low or zero air pressure.

### MICHELIN® SELF-SUPPORTING ZERO PRESSURE (ZP) TIRES AND SPECIAL SH-M (SYMMETRIC HUMP-MODIFIED) WHEELS

Some Michelin® ZP tires can only perform with zero pressure capability when mounted on special SH-M wheels. These tires bear the SH-M designation immediately following the ZP designation on the sidewall of the tire. DO NOT MOUNT ZP TIRES WITH THE SH-M DESIGNATION ON STANDARD WHEELS. IN SUCH APPLICATIONS, THE TIRES MAY BECOME UNSERVICEABLE AT LOW OR ZERO PRESSURE, CAUSING SERIOUS PERSONAL INJURY OR DEATH.

## SPECIAL MOUNTING INSTRUCTIONS FOR TRX TIRES

The TRX tire is a tubeless tire that must only be mounted on special wheels (TR or JM type) with millimetric seat diameter. If TRX tires are mounted on standard wheels, they will not retain air due to an air escape feature designed into the bead area of these tires.

**Do not try to override this feature by mounting TRX tires with tubes. The Michelin® TRX must be used on all wheel positions.**

## TEMPORARY SPARE TIRES

When using any temporary 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 and Transport Canada 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 Michelin 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 contain three numeric characters that are 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 tire dealer, 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 MICHELIN® RETAILER AT ONCE;
- IF YOU HAVE ANY QUESTIONS. CONTACT YOUR MICHELIN® 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 Michelin® retailer listed in the Yellow Pages, or visit our web site listed below for dealer locations. If further assistance is required, contact:**

### IN USA

1-800-847-3435

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

**or visit:**
**www.michelinman.com**

### IN CANADA

1-888-871-4444

**or write:**
Michelin North America (Canada) Inc.
2500 Daniel-Johnson Blvd., Suite 500
Laval, Quebec H7T 2P6

**or visit:**
**www.michelinman.ca**

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

Installed Mileage _____

| DATE OF ROTATION | ODOMETER READING | RETAILER'S NAME AND ADDRESS | RETAILER SIGNATURE | PSI (check) |
|---|---|---|---|---|
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To validate the mileage portion of this warranty, your tires must be inspected and rotated every 12,000 km and the PSI set as recommended on the vehicle placard.
**Owner Certification:** I hereby certify that 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 _____

## ORIGINAL OWNER/TIRE INSTALLATION INFORMATION

To be completed at time of purchase

Date of Purchase: _____

Customer Information:

Name: _____

Address: _____

City: _____

Province: _____ Postal Code: _____

Phone No.: _____

Vehicle Information:

Year: _____

Make/Model: _____

Vehicle odometer reading when tires installed:

_____

Tire Size/Design: _____

Recommended Tire Pressure Front: _____ PSI

Recommended Tire Pressure Rear: _____ PSI

DOT No: _____ Tire #1:

_____ Tire #2:

_____ Tire #3:

_____ Tire #4:

## TIRE REMOVAL INFORMATION

Odometer reading when tires removed: _____

Date Removed: _____

Retailer Name: _____

Retailer Signature: _____

MICHELIN® NORTH AMERICA, INC., P.O. BOX 19001, GREENVILLE, SOUTH CAROLINA 29602-9001

# Manuel du propriétaire et de garantie limitée
# Pneus tourisme et camionnette de première monte

## Veuillez enregistrer vos pneus.

Assurez-vous de visiter **bonhommemichelin.ca** pour découvrir comment et pourquoi enregistrer vos nouveaux pneus MICHELIN[MD]. Consultez également la section sur l'entretien des pneus et les conseils sur la conduite pour vraiment profiter de vos nouveaux pneus. Vous pouvez aussi vous inscrire à **bonhommemichelin.ca/newsletter** pour recevoir des renseignements utiles sur la sécurité des pneus, des nouvelles sur les produits Michelin et des offres spéciales par courriel.

MICHELIN
Une meilleure façon d'avancer

# GARANTIE LIMITÉE DES PNEUS TOURISME ET CAMIONNETTE MICHELIN[MD]

## AU SUJET DE CETTE GARANTIE

En tant qu'acheteur initial d'un pneu tourisme ou camionnette Michelin, vous êtes couvert par la garantie expliquée dans le présent livret. Cette garantie est sujette à l'observation des recommandations d'entretien et des avis de sécurité contenus dans ce livret. Afin de bien vous assurer de la compréhension des conditions de la présente garantie, veuillez prendre le temps de le lire. Il est également essentiel que vous preniez connaissance et que vous compreniez les recommandations d'entretien et les avis de sécurité contenus dans ce livret.

**Garantie limitée de kilométrage:**
Les pneus tourisme et camionnette de MICHELIN[MD] – en équipement d'origine ou de remplacement – sont couverts par une garantie limitée contre l'usure de la bande de roulement (ci-après appelée garantie de kilométrage). Pour la garantie de kilométrage associée à chacune des gammes de pneus, voyez votre détaillant Michelin ou visitez-nous au www.bonhommemichelin.ca/promesse. *Certaines conditions et restrictions s'appliquent. Les garanties de kilométrage varient selon les gammes de pneus et certaines exclusions peuvent s'appliquer.*

**Pneus Zéro Pression (ZP)**
En tant qu'acheteur d'un pneu Michelin Zéro Pression (ZP), monté sur un véhicule approuvé pour les pneus ZP et équipé d'un système de surveillance de la pression des pneus, vous êtes couvert par cette garantie. Veuillez porter une attention particulière à la section Avertissement de ce manuel pour des renseignements sur la sécurité et l'entretien de vos pneus ZP.

Les pneus Michelin Zéro Pression (ZP) font partie d'un système très sophistiqué conçu pour procurer la tranquillité d'esprit. Grâce à ces pneus, vous pouvez manoeuvrer votre véhicule sur 80 kilomètres à une vitesse maximale de 90 km/h, (sauf indication contraire du constructeur du véhicule) même si le pneu ne contient plus d'air. Cela laisse tout le temps voulu pour sortir de l'autoroute, se rendre là où le pneu peut être inspecté, remplacé ou possiblement le remettre en service. La distance pouvant être parcourue sur un pneu perdant son air dépendra des conditions d'utilisation du véhicule, de l'ampleur de la perte d'air, de l'étendu de l'avarie ayant causée la perte d'air, de la température ambiante, de la charge et de la vitesse du véhicule. Moins la distance à parcourir est grande à la suite d'une perte d'air, meilleures sont les possibilités que le pneu puisse être regonflé (ou réparé, s'il est perforé) et être remis en service.

## CE QUI EST COUVERT ET POUR COMBIEN DE TEMPS

**Pneus tourisme et camionnette**
Tout pneu Michelin tourisme et camionnette, équipant un véhicule en monte d'origine, utilisé dans des conditions normales de roulage sur route selon les recommandations contenues dans ce manuel, est couvert par la présente garantie contre tout défaut de fabrication, de main-d'oeuvre ou

de matières premières pour la vie de la semelle d'origine utilisable ou pendant les 6 ans qui suivent la date d'achat selon la première de ces éventualités. À ce moment-là, toutes les garanties énoncées ou implicites sont annulées. La semelle d'origine du pneu utilisable est la vie utile de la bande de roulement d'origine, soit jusqu'aux témoins d'usure moins (-) 1,6 mm (2/32e) de sculpture restante. La date d'achat est celle inscrite sur le certificat d'immatriculation du véhicule neuf ou sur la facture du pneu. Si aucune preuve d'achat n'est fournie, la garantie sera basée sur la date de fabrication du pneu.

Le remplacement sera fait conformément aux termes et conditions décrits au paragraphe « Calcul du coût du pneu de remplacement ». Note: Le fabricant de votre véhicule offre peut-être une garantie supplémentaire à ce qui est offert dans le présent livret. Consultez le manuel du propriétaire du véhicule pour plus de renseignements.

NOTE: Certains pneus Michelin Zéro Pression (ZP) ne peuvent être montés que sur des jantes spéciales appelées SH-M « Symmetric Hump - Modified » (hump symétrique modifié). Ces pneus comportent le marquage spécial SH-M moulé au flanc près du marquage ZP. IL NE FAUT PAS MONTER CE PNEU DÉSIGNÉ SH-M AU FLANC SUR UNE JANTE STANDARD. LE FAIRE ANNULERA LA GARANTIE ET POURRAIT RENDRE LE PNEU INUTILISABLE À BASSE OU ZÉRO PRESSION, ET POURRAIT CAUSER DE SÉRIEUSES BLESSURES CORPORELLES OU LA MORT.

**Garantie contre l'usure de la bande de roulement et garantie de kilométrage sur les pneus tourisme et camionnette de MICHELIN[MD]**

Les pneus tourisme et camionnette de MICHELIN[MD] sont couverts par une garantie limitée du manufacturier contre l'usure de la bande de roulement. Veuillez noter que les garanties de kilométrage couvrent aussi les pneus en monte d'origine des véhicules neufs achetés à compter du 1er septembre 2011 (véhicules de l'année 2011 et des années ultérieures). Pour la garantie de kilométrage couvrant une gamme particulière de pneus, veuillez communiquer avec votre détaillant Michelin ou visitez-nous au www.bonhommemichelin.ca/promesse. Certains véhicules sont livrés par leur fabricant avec des « montes mixtes », ce qui signifie que des pneus de dimensions différentes sont montés sur les essieux avant et arrière. Comme ces pneus ne peuvent pas faire l'objet d'une rotation comme le recommande Michelin, la garantie de kilométrage de chaque pneu arrière ne couvre que la moitié des kilomètres stipulés par la garantie de kilométrage standard de cette gamme particulière de pneus. Les pneus autoporteurs Zéro Pression (ZP) de MICHELIN[MD] ont la même garantie de kilométrage que la gamme de pneus standards à laquelle ils appartiennent, sans toutefois dépasser 50 000 km. Les pneus de compétition homologués pour utilisation sur route (comme les pneus Pilot[MD] Sport Cup de MICHELIN[MD]) sont exclus de toute garantie de

kilométrage. Les pneus d'hiver de MICHELIN[MD] ne doivent servir que durant les mois d'hiver, période définie comme débutant le 1er septembre d'une année donnée et se terminant au plus tard le 30 avril de l'année suivante. Pour que les pneus d'hiver de MICHELIN[MD] restent couverts par la garantie, vous devez conserver les documents prouvant le moment de leur installation et de leur démontage chaque hiver.

**Rappel important:**
Aucun manufacturier de pneus ne peut vous garantir inconditionnellement un nombre certain de kilomètres pour un pneu donné. Les habitudes de conduite, les conditions de conduite et routières ainsi que l'entretien du véhicule influencent tous la durée de la bande de roulement d'un pneu. Si des pneus n'atteignent pas le kilométrage garanti et que le propriétaire des pneus s'est conformé aux conditions de la garantie, Michelin remplacera les pneus tel que décrit au chapitre « Calcul du coût du pneu de remplacement ».

**Pneu de secours à usage temporaire**

Tout pneu de secours Michelin à usage temporaire est couvert par cette garantie pendant 6 ans ou jusqu'à ce que les premiers 1,6 mm (2/32e) de la sculpture d'origine soient usés. La date d'achat est celle inscrite sur le certificat d'immatriculation du véhicule neuf ou sur la facture du pneu. Si aucune preuve d'achat n'est fournie, la garantie sera basée sur la date de fabrication du pneu. À ce moment-là, toutes les garanties énoncées ou implicites seront annulées.

## CE QUI N'EST PAS COUVERT

**Tout pneu qui est rendu inutilisable suite à :**

- Un hasard de route (par exemple : coupure, lacération, choc pincement ou crevaison);
- Un montage incorrect du pneu, un équilibrage incorrect de l'ensemble monté pneu/roue ou une réparation non conforme;
- Une utilisation incorrecte, un entretien déficient, une course, un sous-gonflage, un surgonflage ou autre utilisation abusive;
- Un défaut mécanique du véhicule comme par exemple un défaut de parallélisme entraînant une usure irrégulière et/ou rapide des pneus (différence de plus de 1,6 mm de la profondeur de sculpture sur un même pneu);
- Un accident, un feu, une corrosion chimique, des modifications apportées au pneu ou du vandalisme;
- des utilisations commerciales ou applications spéciales sous la garantie de kilométrage;

- Un méplat de la bande de roulement causé par un entreposage inadéquat ou un coup de frein;
- L'addition de matériaux liquide, solide ou gazeux autre que de l'air, de l'azote ou dioxyde de carbone (par exemple un scellant à base d'eau ou un matériau pour équilibrer);
- Des craquelures et cassures causées par les conditions climatiques ou par l'ozone;
- l'utilisation de pneus ZP de MICHELIN[MD] en l'absence d'un système de surveillance de la pression des pneus fonctionnel.

## CALCUL DU COÛT DU PNEU DE REMPLACEMENT

### Pneus tourisme et camionnette

Un pneu rendu inutilisable suite à une condition prévue par cette garantie limitée contre les défauts de main d'oeuvre et de matières premières sera remplacé gratuitement par un pneu neuf semblable Michelin, si l'usure de la semelle d'origine du pneu n'est que de 1,6 mm (2/32e po) ou moins (ou de 25% ou moins, selon ce qui est le plus avantageux pour l'usager) et si le pneu est présenté dans les 12 mois qui suivent sa date d'achat. Pendant cette période, le montage et l'équilibrage des pneus sont offerts gratuitement **mais tous les autres frais connexes et les taxes applicables seront aux frais de l'usager.**

Si l'usure de la semelle d'origine du pneu est supérieure à 1,6 mm (2/32e po) (ou plus de 25%, selon ce qui est le plus avantageux pour l'usager) ou si le pneu a été acheté il y a plus de 12 mois, l'usager devra payer pour un pneu neuf semblable Michelin tourisme ou camionnette au prorata de l'usure du pneu présenté. Le détaillant déterminera le montant à payer par l'usager en multipliant le prix de base Michelin en vigueur par le pourcentage d'usure du pneu. Ce prix est basé sur un prix prédéterminé dans le but de représenter équitablement le prix de vente courant du pneu. **Les frais de montage, d'équilibrage et tous les autres frais connexes ainsi que toutes les taxes applicables, seront aux frais de l'usager.**

### Usure de la bande de roulement

Un pneu admissible au remplacement au prorata et usé uniformément sur toute la bande de roulement jusqu'aux indicateurs d'usure (avec 1,6 mm — 2/32e de pouce de bande restante) dans les six ans suivant la date d'achat et avant d'avoir parcouru les kilomètres couverts par votre garantie (selon le kilométrage indiqué au compteur du véhicule) sera remplacé par un nouveau pneu MICHELIN[MD] semblable. Vous serez alors facturé au prorata du kilométrage effectué. Le détaillant déterminera le montant à payer en multipliant le prix de base MICHELIN[MD] en vigueur par le pourcentage de kilomètres parcourus en vertu de la garantie. Cette liste

est basée sur un prix prédéterminé dans le but de représenter équitablement le prix de vente du pneu. **Les frais de montage, d'équilibrage et tous les autres frais connexes, ainsi que toutes les taxes correspondantes, seront à la charge de l'usager.**

Les pneus qui se seront usés uniformément avant d'atteindre le kilométrage garanti seront remplacés selon une formule de prorata seulement si :

1) vous être l'acheteur original des pneus, vous êtes le propriétaire du véhicule sur lequel ils ont été montés à l'origine et si les pneus n'ont servi que sur ce véhicule ;
2) les pneus ont été permutés et inspectés chaque 12 000 km par un détaillant Michelin participant, et si le dossier de montage et de permutation ci-joint a été entièrement rempli et signé ;
3) le formulaire du dossier d'entretien rempli, le formulaire de renseignements sur le propriétaire original et l'installation des pneus, et la facture originale sont présentés à un détaillant Michelin participant au moment de la réclamation ;
4) les pneus ne sont pas devenus inutilisables en vertu d'une des conditions énumérées sous CE QUI N'EST PAS COUVERT.

**Pneu de secours Michelin[MD] pour usage temporaire**
Si l'usure de la semelle d'origine d'un pneu de secours Michelin pour usage temporaire, utilisé adéquatement sur le véhicule avec lequel il a été vendu à l'origine, est inférieure à 0,8mm (1/32e po), le pneu sera remplacé gratuitement par un autre pneu à usage temporaire neuf semblable. Le montage et l'équilibrage seront effectués gratuitement. **Tous les autres frais connexes et les taxes correspondantes seront aux frais de l'usager.**

Si l'usure est supérieure à 0,8mm (1/32e po) mais inférieure à 1,6mm (2/32e po), le pneu sera remplacé à 50% du prix de base Michelin du pneu présenté. **Les frais de montage, d'équilibrage et tous les autres frais connexes et les taxes applicables seront aux frais de l'usager.**

## CE QUE DOIT FAIRE LE CONSOMMATEUR LORS D'UNE RÉCLAMATION

Pour toute réclamation qui répond aux conditions de cette garantie limitée, l'usager doit présenter le pneu à un détaillant Michelin autorisé. Le véhicule sur lequel le pneu en question était monté doit être disponible pour inspection.

La liste des détaillants Michelin se trouve dans les « Pages jaunes » sous la rubrique « pneus-détaillants ». Une preuve d'identification (permis de conduire, etc.) et le certificat d'enregistrement du véhicule pourraient être requis.

**Les frais exigés pour un entretien normal du véhicule et des pneus sont payables par l'usager.**

## CONDITIONS ET RESTRICTIONS

Cette garantie limitée ne prévoit aucune compensation pour perte de temps, perte de jouissance du véhicule et pour tous les inconvénients et les dommages matériels directs ou indirects.

Le pneu en réclamation reste toujours la propriété de l'usager et Michelin n'assumera aucune responsabilité pour la perte ou les dommages causés au pneu alors qu'il était sous la garde et/ou le contrôle d'un détaillant Michelin à qui il avait été confié pour évaluation au terme de la présente garantie.

**Dans le cas d'une réclamation contestée, l'usager doit fournir le pneu pour une inspection supplémentaire.**

Les pneus acceptés en réclamation deviennent la propriété de Michelin Amérique du Nord (Canada) inc.
Aucun représentant, employé ou détaillant Michelin n'est autorisé à faire des promesses ou prendre des engagements autres que ceux exprimés dans cette garantie.
Cette garantie est valable au Canada et aux États-Unis.

## INFORMATIONS SUR LES MESURES DE SÉCURITÉ

Pour de plus amples informations sur les mesures de sécurité et d'entretien, prière de lire votre manuel du propriétaire des pneus, le marquage existant sur le flanc de vos pneus, le manuel du propriétaire du véhicule et l'étiquette d'information des pneus apposée dans votre véhicule.
Chaque fois que vous constatez une anomalie sur vos pneus ou sur vos jantes, contactez immédiatement votre détaillant Michelin dont la liste apparaît dans les Pages jaunes. Si vous avez besoin d'aide supplémentaire, veuillez vous référer à la liste des contacts à la fin de ce manuel.

# ⚠ AVERTISSEMENT

NE PAS TENIR COMPTE DES INSTRUCTIONS ET MESURES DE SÉCURITÉ CONTENUES DANS CE MANUEL PEUT PROVOQUER UNE DÉFAILLANCE OU UNE EXPLOSION DU PNEU ET CAUSER DE GRAVES BLESSURES CORPORELLES OU LA MORT.

## DÉFAILLANCE DE PNEU AVERTISSEMENT

Tout pneu peut être rendu inutilisable à cause d'une réparation incorrecte, d'un impact, d'un gonflage incorrect, d'une surcharge ou pour toute autre raison résultant de son utilisation ou d'une utilisation incorrecte. Les défaillances des pneus telles que la perte rapide d'air ou le détachement de la bande de roulement et des ceintures peuvent augmenter les risques de blessures, de mort et/ou de dommages à la propriété. Afin de réduire les risques d'une défaillance du pneu, Michelin vous recommande de lire au complet et de suivre les recommandations du présent manuel du propriétaire/garantie limitée, le manuel du propriétaire du véhicule, les renseignements sur l'étiquette du pneu apposée sur votre véhicule et les renseignements au flanc du pneu quant aux avertissements, au bon usage et au bon entretien des pneus.

## MAÎTRISE

### MAÎTRISER UN VÉHICULE LORSQUE SURVIENT LA DÉFAILLANCE D'UN PNEU

S'il y a défaillance d'un pneu, vous pourriez entendre un bruit fort, sentir une vibration et/ou le véhicule pourrait tirer du même côté que le pneu ayant subi la défaillance. Si possible, appuyez sur l'accélérateur le temps nécessaire pour ramener le véhicule en ligne droite et reprendre le contrôle du véhicule. Il est important de **NE PAS FREINER OU DE NE PAS TOURNER LE VOLANT DE FAÇON ABRUPTE.** Retirez lentement le pied de l'accélérateur et tenez fermement le volant pendant que vous vous maintenez sur votre voie. Quand le véhicule a ralenti et est maîtrisé, freinez doucement; allez prudemment sur

l'accotement et immobilisez le véhicule. Inspectez les pneus. Si un pneu est à plat ou semble mou, présente un détachement ou un autre dommage, enlevez la roue et montez la roue de secours correctement gonflée. Des bosses ou des renflements peuvent indiquer qu'il y a détachement interne de la carcasse et requièrent une inspection par un technicien qualifié.

## IL EST DANGEREUX DE ROULER AVEC UN PNEU QUI N'EST PAS GONFLÉ À LA PRESSION RECOMMANDÉE

Le roulage en sous-gonflage crée un échauffement excessif qui peut causer la destruction soudaine du pneu. Si les pneus vous sont livrés en première monte, vous trouverez les pressions de gonflage recommandées en vous reportant à l'étiquette apposée dans votre véhicule. Son emplacement vous est indiqué dans le manuel du propriétaire du véhicule. Au moment de remplacer les pneus, la pression recommandée vous sera donnée par votre détaillant. Sinon, référez-vous à l'étiquette d'information des pneus de votre véhicule.

Ces pressions sont considérées comme minimum. Toutefois, veillez à ce que la pression maximale indiquée sur le flanc du pneu ne soit jamais dépassée.

## LES PNEUS ZÉRO PRESSION (ZP) À BASSE OU SANS PRESSION D'AIR

Les caractéristiques de tenue de route d'un véhicule équipé de pneus Zéro pression (ZP) sans air (que ce soit à l'avant ou à l'arrière) ne sont pas les mêmes qu'un véhicule ayant des pneus correctement gonflés. Évitez la haute vitesse et les virages serrés quand un avertissement de basse pression vous est signalé.

Même un pneu Zéro pression (ZP) peut surchauffer lorsqu'il roule en sous-gonflage pour une longue période de temps. La durée et la distance à parcourir sur un pneu Zéro pression (ZP) à basse pression ou sans air dépendra de la gravité de la cause de la perte d'air, de la température ambiante, de la vitesse et des conditions d'utilisation (par exemple freinage, virage ou autres manoeuvres pointues réduiront le temps d'utilisation d'un pneu à basse ou sans pression). L'utilisation continuelle d'un pneu sous-gonflé peut entraîner sa destruction soudaine. Si un pneu roulant à basse ou sans pression commence à vibrer ou cause des difficultés de maniabilité, retirez-le et montez la roue de secours. Si des pneus Michelin Zéro pression (ZP) ont été fournis en première monte, référez-vous au manuel du propriétaire du véhicule pour les détails concernant le système d'avertissement de pression faible conçu pour vous alerter en cas de basse pression.

NOTE: LES PNEUS MICHELIN ZÉRO PRESSION (ZP) DOIVENT ÊTRE UTILISÉS AVEC UN SYSTÈME D'AVERTISSEMENT DE PRESSION FAIBLE FONCTIONNEL ET APPROUVÉ PAR MICHELIN. Autrement, les garanties applicables deviendront nulles. Pour une liste des systèmes approuvés, voyez votre détaillant Michelin, ou téléphonez au **1-888-871-4444 au Canada ou au 1-800-847-3435 aux Etats-Unis.**

REMARQUE: Certains pneus autoporteurs Zéro Pression (ZP) de MICHELIN[MD] ne peuvent être montés que sur des roues spéciales SH-M (Symmetric Hump - Modified). Ces pneus portent la mention spéciale SH-M, moulée sur leur flanc à côté de la mention ZP. NE MONTEZ PAS UN PNEU PORTANT LA MENTION SH-M SUR UNE ROUE STANDARD. CELA INVALIDERAIT LA GARANTIE LIMITÉE ET POURRAIT RENDRE LE PNEU INUTILISABLE À PRESSION BASSE OU NULLE ET PROVOQUER DES BLESSURES GRAVES, VOIRE LA MORT.

Pour tous les types de pneu, consultez l'étiquette d'information des pneus du véhicule ou le manuel du propriétaire du véhicule. Si les pneus ont été achetés en remplacement, les instructions d'utilisation du système d'avertissement de pression faible seront fournies par le manufacturier du système. Les pressions de gonflages vous seront recommandées par le détaillant Michelin. Ces pressions de gonflage devront être considérées comme minimum. Cependant, il ne faut pas dépasser la pression maximale marquée sur le flanc des pneus.

## VÉRIFIEZ LA PRESSION À FROID DE TOUS VOS PNEUS, Y COMPRIS CELLE DE LA ROUE DE SECOURS, AU MOINS UNE FOIS PAR MOIS

Une pression de gonflage inadéquate peut affecter la tenue de route du véhicule, provoquer une usure rapide et irrégulière du pneu, causer la destruction soudaine du pneu, la perte de contrôle du véhicule et de graves blessures corporelles. Vérifiez donc la pression de vos pneus au moins une fois par mois et toujours avant d'entreprendre un long voyage. Ces recommandations concernent tous les pneus, même ceux qui sont auto-obturants et les pneus Zéro Pression (ZP) car, comme tout autre pneu, ils peuvent se dégonfler s'ils sont mal entretenus.

## SOUS-GONFLAGE

Il est impossible de déterminer simplement en le regardant si un pneu est correctement gonflé. Il est presque impossible de « sentir ou entendre » quand un pneu roule sous-gonflé ou presque à plat. Les pneus doivent être inspectés mensuellement avec un manomètre.

Vérifiez toujours la pression de vos pneus à froid, c'est-à-dire avant de rouler, car au roulage, même sur une courte distance, les pneus s'échauffent et la pression d'air augmente.

**Vérification de la pression quand les pneus sont chauds:**
Après avoir parcouru plus de 2 km ou roulé plus de 3 minutes, les pneus s'échauffent et leur pression augmente d'environ 4 PSI. Si vous êtes amené à vérifier les pressions dans ces conditions, considérez que, pour être correctes, elles doivent être supérieures de 4 PSI à celles préconisées à froid.

**À titre d'exemple seulement :**

| | | |
|---|---|---|
| Pression du pneu chaud : | 220 kPa | (32 PSI) |
| Pression recommandée à froid : | 205 kPa | (30 PSI) |
| Pression correspondante à chaud | 205+30 = 235 kPa | (34 PSI soit 30 + 4) |
| On doit donc ajouter : | 15 kPa | (2 PSI) |

**Vérifiez de nouveau la pression à froid dans les 24 heures suivantes. Ne dégonflez jamais un pneu chaud, car il devient sous-gonflé. Utilisez un manomètre précis pour mesurer les pressions. Ne jamais laisser un enfant gonfler des pneus.**

## POUR LES PNEUS ZÉRO PRESSION (ZP), VÉRIFIEZ LA PRESSION DANS LES MEILLEURS DÉLAIS APRÈS UN AVERTISSEMENT DE PERTE DE PRESSION

Les systèmes d'avertissement de pression faible sont conçus pour alerter le conducteur de la perte de pression d'au moins un pneu du véhicule. Même si les pneus ZP sont conçus pour permettre une mobilité continue en cas de perte de pression, le plus tôt vous interviendrez pour prendre les actions correctives, meilleures seront les chances pour que le pneu puisse reprendre du service.

**Vérifiez toujours visuellement vos pneus Michelin[MD] ZP et utilisez un manomètre précis pour vérifier la pression d'air des 4 pneus à la suite d'une alerte de basse pression (sauf avis contraire de la part du fabricant de votre système d'avertissement de pression faible).**

**Si la pression d'un pneu est de 18 psi ou moins, rendez-vous chez le détaillant autorisé Michelin[MD] le plus près (ou chez le concessionnaire de la marque de votre véhicule si indiqué dans le manuel du propriétaire du véhicule) et faites démonter et inspecter le pneu.**

**Si vous ne voyez aucun dommage au pneu et que sa pression est de plus de 18 psi, regonfler le pneu à sa pression recommandée (voir les instructions pour vérifier la pression lorsque les pneus sont chauds). Lorsque les pneus auront refroidis, vérifiez la pression de nouveau. Si un des pneus a perdu plus de 5 psi depuis la dernière vérification de la pression, faites immédiatement inspecter le pneu par un détaillant autorisé Michelin[MD] (ou chez le concessionnaire de la marque de votre véhicule si indiqué dans le manuel du propriétaire du véhicule). Ne pas faire inspecter les pneus pourrait leur causer des dommages irréparables et pourrait causer la destruction soudaine du pneu ou des blessures corporelles.**

## SYSTÈMES DE SURVEILLANCE DE LA PRESSION DES PNEUS (TPMS):

Votre véhicule pourrait être équipé d'un système de surveillance de la pression des pneus montés sur votre véhicule, conçu pour envoyer un signal au conducteur si la pression d'un pneu est moindre qu'un niveau de pression prédéterminé. Un TPMS ne doit pas remplacer la vérification manuelle et mensuelle de la pression des quatre (4) pneus et du pneu de secours. Nous vous recommandons de les examiner manuellement et de vérifier la pression des pneus avec un manomètre. Vos pneus doivent être gonflés à la pression recommandée par le fabricant de votre véhicule. Ce renseignement est

disponible dans le manuel du propriétaire du véhicule et assez souvent sur une plaquette apposée au montant de la portière, à l'intérieur de la trappe à essence ou du coffre à gants. Si les pneus sont surdimensionnés et requièrent une pression de gonflage plus élevée, votre système de surveillance de la pression des pneus devra être recalibré à la nouvelle pression de gonflage. Veuillez consulter votre revendeur ou installateur de pneus pour la pression de gonflage correcte des pneus surdimensionnés.

Nous vous recommandons de vérifier la pression de vos pneus au moins une fois par mois et toujours avant d'entreprendre un long voyage. Que vous ayez un pneu de secours régulier ou mini, assurez-vous qu'il est également bien gonflé. Si le TPMS n'effectue pas une surveillance adéquate ou s'il envoie des signaux erronés, nous vous recommandons de consulter votre manuel du propriétaire du véhicule et d'effectuer un suivi auprès du fabricant de votre véhicule.

## PATINAGE DES PNEUS

Ne faites jamais patiner vos roues à plus de 55 km/h au compteur. Une force centrifuge extrême peut faire "exploser" un pneu libre qui patine à une vitesse excessive. L'énergie libérée par une telle explosion est suffisante pour causer de graves blessures corporelles ou la mort. Ne jamais laisser personne se placer près ou directement derrière un pneu qui patine.

Si votre véhicule est enlisé dans la boue, le sable ou la neige ou immobilisé sur la glace, ne faites jamais patiner vos roues de façon excessive. Dans ces circonstances, avec des véhicules à transmission automatique et en faisant tourner le moteur trop vite, il est possible de faire patiner une ou des roues motrices bien au-delà de la vitesse maximale d'utilisation du pneu. La même situation peut se produire lors de l'équilibrage d'un ensemble pneu/roue motrice si le moteur du véhicule sert à faire tourner l'ensemble pneu/roue.

## LA CONDUITE À HAUTE VITESSE PEUT ÊTRE DANGEREUSE

**Il est particulièrement important que vos pneus soient correctement gonflés.** Cependant, à grande vitesse, même avec des pneus correctement gonflés, il est plus difficile d'éviter les obstacles imprévus et les pneus sont plus vulnérables aux chocs qu'à vitesse plus basse. De plus, la conduite à grande vitesse réduit le temps de réaction nécessaire pour éviter les obstacles et s'arrêter en toute sécurité.

**Si vous constatez un dommage à un pneu ou une roue, montez la roue de secours immédiatement et rendez-vous chez un détaillant Michelin[MD].**

Dépasser la vitesse maximale décrite dans le tableau suivant pour chaque type de pneu Michelin fera surchauffer les pneus. Cette chaleur excessive peut endommager le pneu, en causer la destruction soudaine et occasionner un accident.

**Dans tous les cas, il vaut mieux s'en tenir à des vitesses raisonnables dictées par les conditions routières et les limites prescrites par la loi.**

## INDICES DE VITESSE

| Indices de Vitesse | Vitesse Maximale | |
|---|---|---|
| | km/h | m/h |
| M | 130 | 81 |
| N | 140 | 87 |
| P | 150 | 93 |
| Q | 160 | 100 |
| R | 170 | 106 |
| S | 180 | 112 |
| T | 190 | 118 |
| H | 210 | 130 |
| V | 240 | 149 |
| V* | 240+ | 149+ |
| W | 270 | 168 |
| Y | 300 | 186 |
| | 300+ | 186+ |

ZR**

Des indices de vitesse sont marqués aux flancs de certains pneus Michelin. Le tableau ci-contre indique la vitesse maximale qui correspond à l'indice.

*La vitesse maximale admissible de certains pneus à indice V (ou VR) peut dépasser 240 km/h. Consultez votre détaillant Michelin au sujet de la vitesse maximale d'utilisation si votre véhicule peut atteindre plus de 240 km/h.
**Les pneus à indice Z (ou ZR) sont conçus pour les voitures dont la vitesse maximale dépasse 240 km/h (les indices W et Y constituent des sous-catégories de Z). Consultez votre détaillant Michelin au sujet de la vitesse maximale d'utilisation.

Même si un pneu comporte un indice de vitesse, nous n'approuvons pas la conduite d'un véhicule d'une manière illégale ou non sécuritaire. Ces indices de vitesse sont basés sur des tests en laboratoire qui correspondent le mieux à des conditions routières normales, mais non valables si les pneus sont sous-gonflés, surchargés, usés, endommagés, modifiés, mal réparés ou rechapés. D'autre part, ces indices de vitesse ne sous-entendent pas que les véhicules peuvent rouler en toute sécurité à la vitesse maximale correspondant à l'indice du pneu, en particulier si les conditions routières et les conditions climatiques sont difficiles ou si les caractéristiques du véhicule sont inhabituelles.

Les pneus tourisme Michelin dont le marquage au flanc ne comporte pas d'indice de vitesse, ont une capacité de vitesse maximale de 170km/h.

Les pneus camionnette dont le marquage au flanc ne comporte pas d'indice de vitesse ont une capacité de vitesse maximale de 140km/h.

La vitesse et autres indices des pneus reconditionnés sont désignés par le rechapeur et annulent les indices originaux du manufacturier.

IMPORTANT: Pour conserver la capacité de vitesse maximale du véhicule, les pneus de remplacement doivent avoir un indice de vitesse égal ou supérieur à celui des pneus de première monte (tel qu'indiqué sur la plaquette de renseignements des pneus ou dans le manuel du propriétaire du véhicule). Si des pneus à indice de vitesse inférieur sont montés, la capacité de vitesse maximale du véhicule sera ramenée à celle des pneus de remplacement tel qu'indiqué sur le tableau des indices de vitesse.

**N'OUBLIEZ PAS...** qu'il peut être dangereux de conduire à grande vitesse et que cela peut endommager vos pneus.

**AUSSI...** Lorsque vous roulez à grande vitesse, il est particulièrement important que vos pneus soient correctement gonflés.

**PNEUS D'HIVER** - La vitesse maximale des pneus d'hiver Michelin ne comportant pas d'indice de vitesse au flanc ou ayant un indice de vitesse Q est de 160 km/h. La vitesse maximale des pneus d'hiver ayant un indice de vitesse est limitée à celle-là.

## INSPECTEZ VOS PNEUS. NE CONDUISEZ PAS AVEC UNE ROUE OU UN PNEU ENDOMMAGÉ

### AVARIES ROUTIÈRES

Les avaries routières, tels nids-de-poule, verre, métal, pierres, débris de bois et autres, peuvent endommager un pneu et doivent être évités dans la mesure du possible. Tout contact inévitable avec un de ces hasards doit faire l'objet immédiat d'une inspection rigoureuse du pneu. Quand vous constatez un dommage à une roue ou un pneu, montez immédiatement la roue de secours et consultez un détaillant Michelin le plus tôt.

### DOMMAGES LIÉS À UN IMPACT

Un pneu ayant subi un impact (bordure de trottoir, nid-de-poule, débris) peut être endommagé sans que cela ne soit visible de l'extérieur. Un pneu endommagé par un impact pourrait subir une défaillance soudaine une journée, une semaine ou même des mois plus tard. Vous pourriez ne pas vous souvenir que vos pneus ont frappé un objet les ayant endommagés. Une perte d'air, une usure irrégulière ou localisée ou des vibrations peuvent être des signes de dommages internes au pneu. Si vous croyez que votre pneu ou votre jante ont été endommagés à la suite d'un impact avec une bordure de trottoir, un nid-de-poule, des débris ou tout autre risque routier, ou si vous sentez ou entendez une vibration inhabituelle, remplacez tout de suite votre pneu avec votre roue de secours correctement gonflée et rendez-vous immédiatement chez un technicien de pneu qualifié.

### INSPECTION

Quand vous examinez vos pneus, y compris le pneu de secours, vérifiez les pressions de gonflage. Si vous constatez que l'un de vos pneus a perdu plus de 15 kPa (plus de 2 psi), cherchez-en la cause : perforation du pneu, fuite à la valve, dommage à la roue...

**Ne négligez pas les hernies, les craquelures, les coupures, les perforations, l'usure anormale, surtout lorsqu'elle apparaît à l'épaulement car elle peut être causée par le déréglage du parallélisme ou le roulage en sous-gonflage. Si vous décelez une anomalie de ce genre, faites immédiatement examiner le pneu par un détaillant Michelin[MD]. En roulage, un pneu endommagé pourrait subir une destruction soudaine.**

Le roulage à vive allure, la négociation des virages de façon sportive, les démarrages rapides, les arrêts brusques, l'utilisation fréquente de routes en mauvais état ou l'utilisation hors route, sont autant de facteurs qui accélèrent l'usure des pneus. Les routes présentant des trous, des pierres ou autres irrégularités peuvent non seulement endommager les pneus, mais aussi causer le déréglage du parallélisme des roues. Lorsque vous empruntez des routes accidentées, roulez lentement et avec précaution ; et, avant de reprendre une vitesse normale ou une vitesse de grande route, examinez vos pneus pour voir s'ils n'ont pas subi de dommages tels que des coupures, des perforations, une usure irrégulière, etc.

## LES TÉMOINS D'USURE

Les pneus Michelin ont des indicateurs d'usure placés dans les rainures de la bande de roulement. Ils apparaissent quand la profondeur de sculpture restante n'est plus que de 1,6 mm (2/32e po). À ce stade, les pneus doivent être remplacés. Il est dangereux de rouler avec des pneus usés au-delà de cette limite.

## ÉVITEZ LES SURCHARGES. CONDUIRE SUR DES PNEUS SURCHARGÉS EST DANGEREUX

La charge maximale que peuvent porter vos pneus est inscrite sur leur flanc. Ne la dépassez pas. Respectez également la capacité de charge indiquée par le fabricant du véhicule afin d'être certain de ne pas surcharger vos pneus. Tout pneu qui doit supporter une charge supérieure à celle définie pour un type d'utilisation subit une surcharge. Cette surcharge crée un échauffement excessif qui risque de causer la destruction soudaine du pneu.

Ne dépassez pas le poids total en charge indiqué pour chaque essieu de votre véhicule.

## REMORQUES ET CARAVANES

Si vous avez l'intention de tracter une remorque ou une caravane, demandez conseil à un détaillant Michelin ; il vous indiquera la dimension des pneus à utiliser et les pressions recommandées. La dimension des pneus et les pressions dépendront du type et de la taille du véhicule à tracter ainsi que du système d'attache ; mais, en aucun cas, ni la pression maximale à froid, ni la limite de charge de chaque pneu ne devront être dépassées. Pour plus de renseignements à ce sujet, consultez le manuel du propriétaire, fourni par le constructeur de votre véhicule, ainsi que l'étiquette d'information des pneus.

**Les pneus Zéro Pression (ZP) et le remorquage**

Utiliser un pneu ZP à basse ou sans pression alors que l'on tire une remorque est dangereux et non recommandé. Si le système d'avertissement de pression faible s'active alors que vous tirez une remorque, arrêtez, détachez la remorque, et ne tirez pas la remorque tant que le pneu n'aura pas été réparé ou regonflé à sa pression de gonflage recommandée. Si le pneu ne peut pas être réparé, il doit être remplacé par un pneu ZP neuf et gonflé à la pression de gonflage recommandée avant de recommencer le remorquage.

## LE PARALLÉLISME ET L'ÉQUILIBRAGE DES ROUES ASSURENT LA SÉCURITÉ ET LE BON RENDEMENT KILOMÉTRIQUE DE VOS PNEUS

**VÉRIFIEZ L'ÉTAT DE L'USURE DE VOS PNEUS AU MOINS UNE FOIS PAR MOIS**

Si vous décelez une usure irrégulière de vos pneus, comme par exemple l'usure accentuée de l'épaulement intérieur ou une vibration excessive,

cela peut être causé par un déréglage du parallélisme ou de l'équilibrage des roues. Or, en plus de diminuer le rendement kilométrique de vos pneus, ces phénomènes affectent la tenue de route de votre véhicule, ce qui pourrait s'avérer dangereux. Si vous constatez une usure irrégulière ou une vibration, faites immédiatement vérifier le parallélisme ou l'équilibrage des roues. Les pneus qui ont roulé en sous-gonflage sont plus usés aux épaulements qu'au centre de la bande de roulement.

## MONTES MIXTES

Pour obtenir les meilleures performances, il est recommandé de monter la même dimension et le même type de pneus sur les quatre roues. Avant de monter des pneus de différents types, pour n'importe quelle configuration et sur n'importe quel véhicule, assurez-vous de suivre les recommandations écrites dans le manuel du constructeur du véhicule.

Une monte mixte ou l'assortiment de pneus sur un véhicule à quatre roues motrices peut nécessiter des précautions spéciales. Consultez toujours les recommandations du manufacturier du véhicule décrites dans le manuel du propriétaire.

UNE MONTE MIXTE DE PNEU ZÉRO PRESSION (ZP) ET DE PNEUS NON ZP N'EST PAS RECOMMANDÉE PAR MICHELIN, SAUF LORS DE L'UTILISATION DU PNEU DE SECOURS D'USAGE TEMPORAIRE.

## CONDUITE HIVERNALE

Les pneus qui correspondent à la définition de pneu à neige selon l'Association des manufacturiers du caoutchouc (RMA), sont marqués M/S, M+S ou M&S. Ce marquage apparaît au flanc. Les pneus n'ayant pas ce marquage ne sont pas recommandés pour la conduite hivernale.

**Bien que les pneus toutes saisons soient conçus pour offrir une performance convenable dans certaines conditions hivernales, l'utilisation de quatre (4) pneus d'hiver est recommandée pour une performance optimale. Les pneus d'hiver recommandés pour utilisation dans des conditions hivernales rigoureuses sont marqués sur au moins un flanc des lettres M et S et sont également marqués d'un pictogramme représentant un flocon de neige dans une montagne.**

## PERMUTATION ET REMPLACEMENT

Pour une durée de vie maximale, une permutation de vos pneus pourrait s'avérer nécessaire. Référez-vous aux instructions du manuel du propriétaire du véhicule sur la permutation des pneus. Si le manuel du propriétaire n'est pas disponible, Michelin recommande la permutation des pneus à tous les 10,000 à 12,000 km.

Une inspection mensuelle est recommandée. Vous devriez permuter vos pneus dès que vous constatez une usure irrégulière, même avant 10,000 km. Cela s'applique pour tous les véhicules.

Lors de la permutation de pneus à bande de roulement unidirectionnelle, s'assurer que les pneus continuent de rouler dans le sens des flèches marquées au flanc.

Certains systèmes de surveillance de la pression des pneus (TPMS) peuvent ne pas reconnaître qu'un pneu a été installé à une position différente sur votre véhicule. Assurez-vous que votre système TPMS est réinitialisé, le cas échéant, pour pouvoir identifier correctement l'emplacement de chacun des pneus sur votre véhicule. Consultez votre manuel du propriétaire du véhicule ou votre détaillant automobile.

Il faut déterminer si la permutation requiert un ajustement des pressions de gonflage étant donné qu'il peut y avoir une différence entre la pression des pneus avant et arrière selon les spécifications du fabricant du véhicule et selon la charge des essieux. Certains véhicules peuvent avoir des dimensions de pneus différentes à l'avant et à l'arrière, ainsi la permutation est limitée. Il faut toujours vérifier le manuel du propriétaire du véhicule pour la méthode de permutation.

## ROUE DE SECOURS DE DIMENSION NORMALE

Un pneu de secours de la même dimension et construction que les pneus du véhicule (et non pas le pneu de secours pour usage temporaire) devrait faire partie d'une permutation à cinq (5) pneus. Il faut toujours vérifier la pression d'un pneu de secours de dimension normale avant de l'inclure à la permutation. Il faut se conformer au modèle de permutation recommandé par le fabricant du véhicule. S'il n'est pas disponible, consultez un technicien de pneu qualifié.

## REMPLACEMENT DE DEUX (2) PNEUS

Il est recommandé que les quatre (4) pneus soient remplacés en même temps. Cependant, si seulement deux pneus sont remplacés, les pneus neufs doivent être montés à l'arrière. Les pneus neufs ayant une sculpture plus profonde procureront une meilleure adhérence et une meilleure évacuation de l'eau sur sol mouillé.

## PERSONNALISATION DES PNEUS, ROUES OU SUSPENSION DES VUS ET CAMIONNETTES

À cause de leur dimension, de leur poids et de leur centre de gravité plus élevé, les véhicules utilitaires sport (VUS) et camionnettes n'ont pas les mêmes caractéristiques de tenue de route que les automobiles. Parce que ces caractéristiques sont différentes, la conduite non sécuritaire de ces véhicules augmente les risques de capotage. Des modifications apportées à la dimension et au type de pneu ainsi qu'aux roues ou à la suspension de votre VUS ou camionnette peuvent changer ses caractéristiques de tenue de route et augmenter les risques de capotage. Que votre VUS / camionnette ait encore ses pneus, roues et suspension d'origine ou que ces éléments aient été modifiés, conduisez toujours prudemment, évitez les virages soudains ou prononcés, évitez les changements de voie soudains et respectez le code de la sécurité routière. Ne pas tenir compte de ces recommandations peut occasionner une perte de contrôle du véhicule pouvant causer un accident et de sérieuses blessures ou la mort.

## MODIFICATION DES PNEUS

Ne faites subir aucune modification ou altération à vos pneus. Toute modification peut affecter le rendement de vos pneus, les endommager et causer un accident. Tout pneu rendu inutilisable à la suite de modifications telles que: ajout de flanc blanc, addition de liquides scelleurs ou d'équilibrage, râpage du sommet, utilisation

de nettoyant à pneu contenant des distillats de pétrole est exclu de la garantie.

## RÉPARATIONS - SI POSSIBLE, VOYEZ UN DÉTAILLANT MICHELIN[MD] IMMÉDIATEMENT

Tout pneu Michelin qui subit une perforation doit être présenté à un détaillant Michelin qui démontera le pneu et en examinera l'intérieur pour déterminer l'ampleur des dommages.

Toute perforation sur un pneu Michelin au sommet qui n'excède pas 6mm de diamètre, et qui n'est pas endommagé à la suite de la perforation ou par roulage à plat, peut être réparée. Pour ce faire, il convient de suivre les procédures de réparation de l'association des manufacturiers du caoutchouc (RMA). Si une perforation dépasse les tolérances, il faut remplacer le pneu.

Les réparations de tous les pneus doivent être faites d'une combinaison de pastille intérieure et d'un obturateur. **L'utilisation d'un obturateur seulement est incorrecte.** Un pneu doit être démonté de sa jante et être inspecté avant de le réparer. Toute réparation faite sans que le pneu ne soit démonté de sa jante est incorrecte. Un pneu réparé de façon non conforme causera plus de dommages, soit en perdant de l'air, soit en permettant l'infiltration d'air, d'humidité et de contaminants dans sa structure. Un pneu réparé de façon non conforme peut subir une défaillance à une date ultérieure. Ne jamais réparer un pneu dont la profondeur de sculpture restante est de 2/32 de pouce. À ce stade, le pneu est usé et doit être remplacé.

## ENTREPOSAGE

Les pneus contiennent des cires et émollients qui protègent la surface extérieure contre l'ozone et les craquelures. Au fur et à mesure que le pneu roule et fléchit, les cires et émollients migrent continuellement à la surface pour en assurer la protection pendant la vie du pneu. Conséquemment, la surface des pneus entreposés à l'extérieur et inutilisés pour de longue période (un mois ou plus) deviennent secs et vulnérables à l'ozone et aux craquelures et peut aussi causer un méplat de la carcasse. **C'est pourquoi il faut entreposer les pneus à l'intérieur dans un environnement frais, sec et propre. Si un entreposage d'un mois ou plus est nécessaire, il faut libérer les pneus du poids du véhicule soit en soulevant le véhicule ou en enlevant les roues du véhicule. Un entreposage inadéquat peut provoquer des dommages et la vieillesse prématurée des pneus et leur destruction soudaine.**

Les pneus doivent être entreposés dans un endroit frais et sec loin d'une source de chaleur ou d'ozone, tels que des conduits de chauffage ou des génératrices d'électricité. Il faut s'assurer qu'ils reposent sur des surfaces parfaitement propres, sans trace de graisse, d'essence ou d'autres substances qui puissent endommager le caoutchouc. **(Le contact d'un pneu avec ce type de substance, soit pendant l'entreposage, soit pendant le roulage pourrait entraîner sa destruction soudaine.)**

## SUIVEZ LES INSTRUCTIONS DE MONTAGE

**Le montage et le démontage des pneus comportent des dangers et doivent être effectués par du personnel spécialement formé et bien outillé tel que spécifié par l'association des manufacturiers du caoutchouc (RMA).**

Vos pneus doivent être montés sur des roues de type et de dimension recommandés. Les roues voilées, craquelées, oxydées (jante d'acier) ou corrodées (jante en alliage) peuvent endommager les pneus. L'intérieur du pneu ne doit pas contenir de corps étranger. Demandez à votre détaillant de vérifier les roues avant le montage de pneus neufs. Un pneu monté sur une jante inadéquate peut exploser durant le montage ; de même, cela peut entraîner une défaillance du pneu au roulage. Si, par erreur, un pneu est monté sur une jante non recommandée ou de dimension différente, ne le remontez plus sur une bonne jante ; mettez le pneu au déchet, car ses composants internes (non visibles extérieurement) peuvent être endommagés en étant dangereusement étiré, et pourrait subir une dangereuse défaillance au roulage.

**Une valve usagée peut fuir. Il est conseillé d'utiliser des valves neuves de type adéquat lors du montage de pneus neufs. Les pneus tubeless ne doivent être montés que sur les jantes prévues à cet effet, c'est-à-dire des roues à "humps de sécurité" ou "ledges".**

Il est recommandé que vos pneus et roues soient équilibrés. Les ensembles pneus/roues mal équilibrés peuvent causer des vibrations et des plaques d'usure sur vos pneus, en plus de produire une conduite inconfortable.

**Assurez-vous de placer un bouchon de valve adéquat sur toutes les valves. Le bouchon de valve est indispensable pour assurer l'étanchéité.**

## INSTRUCTIONS DE MONTAGE SPÉCIALES POUR LES PNEUS ZÉRO PRESSION (ZP)

Les pneus ZP peuvent être plus difficiles à monter que des pneus conventionnels. Ils doivent être montés ou démontés que par un professionnel du pneu formé à cet effet. Les pneus ZP peuvent surchauffer énormément lorsqu'ils roulent à basse ou sans pression d'air. LAISSEZ TOUJOURS REFROIDIR UN PNEU ZP AVANT DE LE MANIPULER. SINON, CELA POURRAIT CAUSER DES BLESSURES.

Les pneus Michelin ZP sont tubeless conçus pour être utiliser à basse ou sans pression d'air en situation d'urgence.

### LES PNEUS MICHELIN[MD] ZP ET LES JANTES SPÉCIALES SH-M (HUMP SYMMÉTRIQUE - MODIFIÉ)

Certains pneus Michelin ZP ne peuvent être utilisés à zéro pression que s'ils sont montés sur des jantes spéciales SH-M. Ces pneus comportent le marquage spécial SH-M moulé au flanc près du marquage ZP. NE PAS MONTER LE PNEU DÉSIGNÉ SH-M AU FLANC SUR UNE JANTE STANDARD. LE FAIRE ANNULERA

LA GARANTIE ET POURRAIT RENDRE LE PNEU INUTILISABLE À BASSE OU ZÉRO PRESSION, ET POURRAIT CAUSER DE SÉRIEUSES BLESSURES CORPORELLES OU LA MORT.

## INSTRUCTIONS DE MONTAGE SPÉCIALES POUR LES PNEUS TRX

Les TRX sont des pneus tubeless qui doivent être montés sur des jantes spéciales seulement (type TR ou JM) ayant un diamètre millimétrique au seat. Si des pneus TRX sont montés sur des jantes standard, ils ne retiendront pas leur pression à cause d'une caractéristique de fuite d'air prévue dans la zone bourrelet de ces pneus.

**Ne tentez pas de passer outre à cette caractéristique en montant les pneus avec des chambres à air.**
**Des pneus Michelin[MD] TRX doivent être montés sur toutes les roues d'un même véhicule.**

## ROUES DE SECOURS À USAGE TEMPORAIRE

Lorsque vous utilisez un pneu de secours à usage temporaire, quelqu'en soit le type, observez toujours les recommandations du manufacturier.

## LA LECTURE DU NUMÉRO DOT

DOT XXXX XXXX XXX (avant août 2000)
DOT XXXX XXXX XXX ◀ (de 1990 à1999)
DOT XXXX XXXX XXXX (après juillet 2000)

## LE DOT

Le symbole « DOT » certifie que le fabricant de pneus se conforme à toutes les normes de sécurité du Department of Transportation des États-Unis et à celles de Transports Canada. Le symbole est suivi du « numéro de série » du pneu. Les deux premiers caractères identifient l'usine où le pneu a été fabriqué. Les deux caractères suivants identifient la dimension du pneu. Les caractères suivants (de un à quatre caractères) sont utilisés de façon optionnelle par le fabricant pour décrire les caractéristiques du pneu. Les trois derniers caractères sont des chiffres qui identifient la semaine et l'année de fabrication. (Exemple: 025 signifie la deuxième semaine d'une décennie quelconque, telle 1995, 1985, etc.) Pour la décennie 1990-1999, les pneus de marque Michelin comportent un triangle pointant vers les trois derniers caractères numériques. Les pneus fabriqués après juillet 2000 comportent un chiffre supplémentaire qui identifie la décennie. Par exemple, 2800 signifie que le pneu a été fabriqué durant la 28e semaine de 2000; 0201 durant la 2e semaine de 2001. Si le numéro DOT comporte trois chiffres sans triangle, consultez un technicien de pneu qualifié afin de déterminer quelle est l'année de fabrication.

## DURÉE DE SERVICE DES PNEUS TOURISME ET CAMIONNETTE, Y COMPRIS LES PNEUS DE SECOURS

La recommandation qui suit s'applique aux pneus pour voitures de tourisme et camionnettes. Les pneus se composent de différents types de matériaux et de composés de gomme ayant des propriétés de performance essentielles au bon rendement des pneus. Ces diverses propriétés évoluent avec le temps. Pour chaque pneu, cette évolution dépend de plusieurs facteurs comme les conditions climatiques, d'entreposage et d'utilisation (charge, vitesse, pression de gonflage, entretien, etc.) auxquelles le pneu est soumis pendant sa durée de vie. Comme cette évolution peut grandement varier, il est impossible de prévoir avec précision la durée de vie d'un pneu.

C'est pourquoi, en plus des inspections régulières et des contrôles de la pression de gonflage par les consommateurs, nous recommandons de faire inspecter régulièrement les pneus tourisme et camionnette, y compris les pneus de secours, par un spécialiste qualifié, comme un revendeur de pneus, qui pourra évaluer si le pneu peut continuer de rouler. Les pneus qui ont été utilisés pendant 5 ans ou plus devraient, au minimum, faire l'objet d'une inspection annuelle par un spécialiste.

Nous encourageons fortement les consommateurs à tenir compte non seulement de l'apparence et de la pression de gonflage de leurs pneus, mais aussi de toute modification de la performance dynamique, comme des fuites d'air chroniques, du bruit ou de la vibration, qui pourraient indiquer que les pneus doivent être retirés du service pour éviter leur défaillance.

Il est impossible de prévoir quand les pneus doivent être remplacés en se basant uniquement sur leur âge. Toutefois, plus un pneu vieillit, plus grandes sont les possibilités qu'il doive être remplacé à cause de son évolution ou d'autres indices constatés durant son inspection ou détectés en cours d'utilisation.

Bien que la plupart des pneus soient remplacés avant d'atteindre 10 ans, il est recommandé de remplacer tous les pneus en service depuis 10 ans ou plus à partir de la date de fabrication, y compris les pneus de secours, par simple mesure de précaution même si ces pneus semblent encore utilisables et même s'ils n'ont pas encore atteint la limite d'usure légale.

Pour ce qui est des pneus de monte d'origine sur un véhicule (c.-à-d. acquis par le consommateur sur un véhicule neuf), il convient de suivre les recommandations du fabricant du véhicule quant au remplacement des pneus, s'il y a lieu (mais sans dépasser 10 ans).

La date de fabrication du pneu figure sur le flanc. Les consommateurs doivent localiser le code DOT sur le pneu, qui commence par les lettres DOT et se termine par la semaine et l'année de fabrication. Par exemple, un code DOT se terminant par 2204 indique un pneu fabriqué la 22e semaine (mai) de 2004.

## RAPPELEZ-VOUS... POUR ÉVITER LES ACCIDENTS ET DES DOMMAGES À VOS PNEUS :

- VÉRIFIEZ LA PRESSION DE VOS PNEUS ALORS QU'ILS SONT FROIDS AU MOINS UNE FOIS PAR MOIS ET AVANT TOUT LONG VOYAGE.
- NE PAS SOUS-GONFLER OU SUR-GONFLER
- NE PAS SURCHARGER
- CONDUISEZ À DES VITESSES RAISONNABLES ET OBSERVEZ LES LIMITES DE VITESSE
- ÉVITEZ LES NIDS-DE-POULE, LES OBSTACLES, LES BORDURES DE TROTTOIR ET LES ACCOTEMENTS.
- ÉVITEZ LE PATINAGE EXCESSIF DES ROUES.
- SI VOUS CONSTATEZ UN DOMMAGE SUR UN PNEU, MONTEZ LA ROUE DE SECOURS ET RENDEZ-VOUS IMMÉDIATEMENT CHEZ UN DÉTAILLANT MICHELIN.
- SI VOUS AVEZ DES QUESTIONS, CONTACTEZ VOTRE DÉTAILLANT MICHELIN.

**SI VOUS N'OBSERVEZ PAS LES RECOMMANDATIONS CONTENUES DANS CE LIVRET, LA TENUE DE ROUTE DE VOTRE VÉHICULE PEUT ÊTRE DANGEREUSEMENT AFFECTÉE, ET/OU VOUS RISQUEZ D'ENDOMMAGER LE PNEU, CE QUI POURRAIT PROVOQUER UN ACCIDENT.**

**Si vous constatez un dommage sur vos pneus ou vos jantes, contactez votre détaillant Michelin[MD] dont la liste apparaît dans les Pages Jaunes ou visitez notre site web pour y trouver un détaillant. Pour plus de renseignements, contactez :**

**AU CANADA**
1-888-871-4444

**Ou écrivez à:**
Michelin Amérique du Nord (Canada) inc.
2500, Boulevard Daniel-Johnson, Bureau 500
Laval (Québec) H7T 2P6
**ou visitez :**
www.bonhommemichelin.ca

**AUX ÉTATS-UNIS**
1-800-847-3435

**ou écrivez à:**
Michelin North America, Inc.
Attention : Consumer Relations Department
Post Office Box 19001
Greenville, SC 29602-9001
**ou visitez:**
www.michelinman.com

## DOSSIER DE MONTAGE ET DE PERMUTATION (SEULEMENT POUR LES GARANTIES LIMITÉES DE KILOMÉTRAGE)

Kilométrage lors de l'installation :_____

| DATE DE PERMUTATION SAISONNIÈRE | KILOMÉTRAGE AU COMPTEUR | NOM ET ADRESSE DU DÉTAILLANT | SIGNATURE DU DÉTAILLANT | PRESSION |
|---|---|---|---|---|
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Pour valider la partie kilométrage de cette garantie, vos pneus doivent être inspectés et permutés tous les 12 000 kilomètres et leur pression d'air doit être telle que recommandée sur l'étiquette d'information du véhicule. Pour que les pneus d'hiver restent couverts par la garantie, vous devez conserver les documents relatifs au moment de leur installation et de leur démontage chaque hiver. **Attestation du propriétaire :** J'atteste par la présente que ces services ont été exécutés tel qu'indiqué et que je suis l'acheteur original des pneus et le propriétaire du véhicule sur lequel ils ont été montés à l'origine et utilisés exclusivement.

Signature du client_____ Date _____

## RENSEIGNEMENTS AU SUJET DE L'ACHETEUR INITIAL ET DU MONTAGE DES PNEUS (à compléter au moment de l'achat)

Date d'achat: _____

Renseignements du consommateur:

Nom: _____

Adresse: _____

Ville: _____

Province: _____ Code postal: _____

No tél: _____

Renseignements du véhicule:

Année: _____

Marque/modèle: _____

KM au compteur à l'installation des pneus:

_____

Dimension/sculpture pneus: _____

Pression recommandée avant: _____ PSI

Pression recommandée arrière: _____ PSI

No DOT: _____ Pneu #1

No DOT: _____ Pneu #2

No DOT: _____ Pneu #3

No DOT: _____ Pneu #4

## RENSEIGNEMENTS LORS DU DÉMONTAGE DES PNEUS

KM au compteur au démontage: _____ Date démontage: _____ Nom du détaillant: _____ Signature détaillant: _____

MICHELIN® NORTH AMERICA, INC., P.O. BOX 19001, GREENVILLE, SOUTH CAROLINA 29602-9001

AN EQUAL OPPORTUNITY EMPLOYER