

Technical Bulletin

Model
All Models
1989-93

Group
4

Subject: Winter Tire/Snow Chain Summary

Part Identifier
4440

Number
9302

ATTENTION: Service Manager/Service Technician

Models Affected: *All, M.Y. 1989-93*

General Information:

Because of the performance characteristics of Porsche cars, it has always been recommended that the tires which carry the Porsche and its passengers be of equal performance. However, there are factors which have a greater influence on the tires than the Porsche itself.

Porsche recommended summer tires have very good traction on wet or dry surfaces in moderate or hot temperatures. When the

temperature is under 40°F, the traction characteristics of these tires can diminish. Porsche therefore recommends, when operating a Porsche vehicle in temperatures that are consistently below 40°F, winter tires should be used. Winter tires can be tailored to the customer's particular type of driving by selecting a tire in the **application range** which suits a particular type of driving or area of operation. (See recommended tire chart on page 2 of this bulletin.)

Naturally, the car must be driven at a speed conforming with road conditions and /or speed limits.

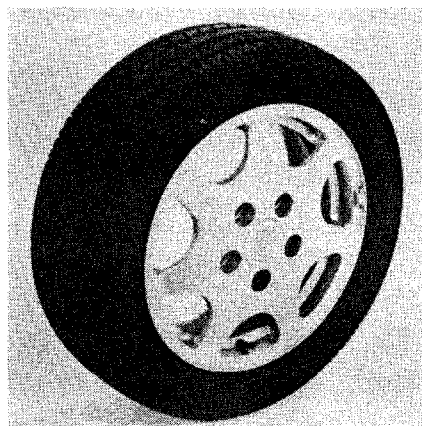
Winter tires will not offer the same behavior on dry road in regards to handling, rolling comfort and wear as summer tires do.

The minimum tread depth which winter tires may be operated at is 4mm. Below this depth, the tire loses its ability to disperse water and / or snow.

New tires have a vulcanization skin that can cause poor handling. It takes approximately 300 miles of driving to wear vulcanization skin off the tire. The first 300 miles of driving on new tires should be done conservatively. This will also help maximize the tire's tread life.

Tire Storage Information:

Most winter tires spend the majority of their service life in storage. When storing winter or summer tires, they should be kept in a cool, dry and dark area. They should be kept away from any chemicals, greases, oil or solvents. These items can damage the rubber compound of which the tires are made. It is not recommended to use tires that are more than six years old. The age of a tire can be



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**Tire Storage Information
(continued):**

determined by the last three digits of the DOT code on the tire sidewall. As an example, if the last digits are 120, the tire was produced in the 12th week of 1990.

Tire Repair:

Porsche recommends replacing a tire if there is significant damage to the tread or sidewall and any possibility of structural deterioration.

Snow Chain Approval:

Model 968 1992 and on
Model 911 C2, C4, RS, C2 America Roadster and 911 Turbo
Model 928 S4, 928 GT and 928 GTS

Tire Size	Chain Approval
205 /55 R16	Part Number 911 361 920 00
225 /50 R16*	Part Number 911 361 918 00
225 /45 R17*	Part Number 911 361 924 00

*When using tire /wheel combination of 225 /45 R17 on 8J x 17 or 225 /50 R16 on 8J x 16, these chains must be used to obtain sufficient chain /wheel housing clearance.

Note: When driving with snow chains installed, never exceed 30mph (50 Km/h).

**Recommended
Tire type**

* Gislaved Nord Frost

**Application
Range**

A

Tire Size

205 /55 R16 88T

**Recommended
Tire type**

Bridgestone WT04
Pirelli Winter 210 Performance
Semperit Direction Grip

**Application
Range**

A
C
C

Tire Size

205/55 R16 89H

225/50 R16 92H

** Goodyear Eagle GW
Michelin X M&S 300
Continental TS 750

A
C
B

X
X
X
X
X
X

**Recommended
Tire type**

Bridgestone WT 05
Continental TS 750
Pirelli Winter 210 Performance
Semperit Direction Grip

**Application
Range**

A
A
C
C

Tire Size

205/50 R17 89H

225/45 R17 90H

X
X
X
X

Application Range

A - For all driving conditions
B - For frequent highway driving
C - For heavy snow regions

Footnotes

* 4 and 6 cylinder only
** 8 cylinder only



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Tire Pressure Chart (Winter Tires)

Model and Wheel Size	Wheel Position	36 PSI (2.5 Bar)	44 PSI (3.0 Bar)
968 1992 and on	Front	X	
** 16" and 17" wheels	Rear	X	
Carrera 2 and 4	Front	X	
16" wheels	Rear		X
Carrera 2 and 4	Front	X	
17" wheels	Rear	X	
America Roadster and	Front	X	
**RS America	Rear	X	
** 911 Turbo	Front	X	
	Rear		X
** 928 S4, 928 GT	Front	X	
* and 928 GTS	Rear		X

*When installing winter tires on 928 GTS, the rear tire pressure sensors must be changed to 3.0 bar pressure switches, Part Number 928 361 023 00, quantity 4.

** 9J x 17 wheels must not be used with winter tires. 8J x 17 wheels replace the 9J x 17 for winter tire use.

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