

Technical Bulletin

Model

All

Group

4

Subject:

Winter Tire/Wheel Rim Summary

Part Identifier

4440

Number

9401

ATTENTION: Service Manager / Service Technician

Models Affected:

968 1992-on

911 Carrera 2/4 1989-on

928 S4/GT/GTS

Concern:

The following contains the latest winter tire and wheel rim recommendations for Porsche vehicles. For general information on mounting, balancing and tire care, refer to Technical Bulletin Book E, page 199 (Technical Bulletin Group 4, Number 8813) and Technical Bulletin Group 4, Number 9302.

General Information:

Whenever possible, the following points should be followed. These points apply to all 4 cylinder, 6 cylinder and 8 cylinder models.

- A. Winter tires should only be used until the thread depth is 4mm above the wear bar. Tires used past this depth lose their ability to disperse water and/or snow.
- B. Winter tires older than three years should not be used.
- C. Whenever possible, use all four winter tires from the same production lot. If it is not possible to get four tires from the same production lot, two different production lots of the same make and type tire can be used. They **should not**, however, be mixed on the same axle.
- D. To determine the age of a tire, the three numbers after the letters DOT tell the week and year of production. DOT 363 means the tire was produced in the 36th week of 1993. The first two digits being production week and the last digit being production year.
- E. Use new Porsche tire valves when installing winter tires on wheel rims.
- F. Pay attention to any possible directional markings on winter tires.

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Model Affected 968

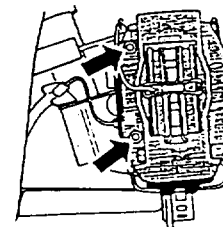
Tire pressure:

	Front Axle	Rear Axle
16 inch wheels	2.5 bar (36 PSI)	2.5 bar (36 PSI)
17 inch wheels	2.5 bar (36 PSI)	2.5 bar (36 PSI)

Porsche approved winter tire size and wheel dimensions:

Tire size	Wheel size	Offset	Axle	Wheel notes
205/55 R16 89T or H	7J x 16 H2	52.3/55.0	Front	1
205/55 R16 89T or H	8J x 16 H2	52.0/52.3	Rear	1 and 3
205/55 R16 89T or H	7J x 16 H2	52.3/55.0	Front	1
225/50 R16 92T or H	8J x 16 H2	52.0/52.3	Rear	1
205/55 R16 89T or H	7½J x 16 H2	65.0	Front	2
205/55 R16 89T or H	7½J x 16 H2	65.0	Rear	2
205/55 R16 89T or H	7J x 16 H2	65.0	Front	2
225/50 R16 92T or H	8J x 16 H2	52.3	Rear	2 and 3
205/50 R17 89T or H	7½J x 17 AH/H2	65.0	Front	1 and 2
225/45 R17 90T or H	8J x 17 AH/H2	52.0	Rear	1, 2 and 3

- Wheel notes:**
1. Without sport suspension
 2. With sport suspension M030
 3. Use Porsche tire chains, Part Number 911 361 926 00



NOTE: 968 models with sport suspension can be identified by the use of the caliper mounting shown in the figure to the right.

Porsche approved winter tires for 968:

Make and type	205/55 R16 89H or T	205/50 R17 89H or T	Traction
	225/50 R16 92H or T	225/45 R17 90H or T	
Bridgestone WT 04	X	X	A
Continental TS 750	X	X	A
Goodyear Eagle GW	X		B
Semperit Direction Grip	X	X	C
Toyo 920		X	A

Traction

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

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Wheel rim summary for winter tires 968:

Rim Design	Dimension	Offset	Part Number	W/O M030	With M030
	7J x 16 H2	52.3 mm	951 362 114 01	X	
	8J x 16 H2	52.3 mm	951 362 116 01	X	
	7J x 16 H2	52.3 mm	944 362 115 00	X	
	7J x 16 H2	65.0 mm	944 362 115 01	X	
	7J x 16 H2	65.0 mm	928 362 115 00		X
	8J x 16 H2	52.3 mm	928 362 115 01		X
	8J x 16 H2	52.3 mm	928 362 117 00	X	X
	7J x 16 H2	55.0 mm	964 362 114 01	X	
	7½J x 16 H2	65.0 mm	928 362 114 05		X
	8J x 16 H2	52.3 mm	964 362 116 01	X	X
	8J x 16 H2	52.3 mm	964 362 116 01	X	X
	7J x 16 H2	55.0 mm	944 362 114 00	X	
	8J x 16 H2	52.0 mm	944 362 116 00	X	
	7J x 16 H2	65.0 mm	928 362 114 20		X
	8J x 16 H2	52.3 mm	928 362 116 20		X
	7½J x 17 AH	65.0 mm	965 362 124 05	X	X
	8J x 17 AH	52.0 mm	965 362 126 01	X	X
	7½J x 17 H2	65.0 mm	993 362 124 05 61M	X	X
	8J x 17 H2	52.0 mm	993 362 126 00 61M	X	X

PORSCHE CARS NORTH AMERICA INC.



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Winter Tire/Wheel Rim Summary

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Model affected 911 Carrera 2/4 1989-on, 911 Turbo 1991-on

Tire pressure:

	Front Axle	Rear Axle
16 inch wheels	2.5 bar (36 PSI)	3.0 bar (44 PSI)
17 inch wheels	2.5 bar (36 PSI)	2.5 bar (36 PSI)
17 inch wheels	2.5 bar (36 PSI)	3.0 (44 PSI) (911 Turbo)

Porsche approved winter tire size and wheel dimensions:

Model	Tire size	Wheel size	Offset	Axle
911 Carrera 2/4 and 911 Speedster 1994	205/55R 16 89 T or H 205/55R 16 89 T or H	6J x 16H2 8J x 16 H2	52.0/52.3 52.0/52.3	Front Rear
911 Carrera 2/4 and 911 Speedster 1994	205/55R 16 89 T or H 225/50R 16 92 T or H	6J x 16 H2 8J x 16 H2	52.0/52.3 52.0/52.3	Front Rear
All 911 Carrera 2/4 since 1989, 911 Speedster 1994-on, 911 Turbo 1991-on, RS America and America Roadster	205/50R 17 89 T or H 225/45R 17 90 T or R	7J x 17 AH 8J x 17 AH	55.0 52.0	Front Rear

- NOTE:**
1. Porsche approved snow chains for 16 inch wheels are Part Number 911 361 918 00.
 2. Porsche approved snow chains for 17 inch wheels are Part Number 911 361 924 00.
 3. When changing wheel size from 16 inch wheels to 17 inch wheels, always check wheel/tire clearance. See Technical Bulletin Group 4, Number 9312.
 4. On 911 Carrera 2/4 and Speedsters, when using winter tire/wheel combination 225/50R 16 tire with wheel 8J x 16 or 225/45R 17 tire with wheel 8J x 17 only snow chains, Part Number 911 361 926 00 may be used. This is due to very low tire wheel house clearance.

Porsche approved winter tires for 911 Carrera 2/4 1989-on and 911 Turbo 1991-on:

Make and Type	205/55 R16 89H or T 225/50 R16 92H or T	205/50 R17 89H or T 225/45 R17 90H or T	Traction
Bridgestone WT 04	X	X	A
Continental TS 750	X	X	A
Goodyear Eagle GW	X		B
Semperit Direction Grip	X	X	C
Toyo 920		X	A

Traction

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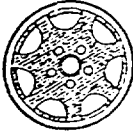


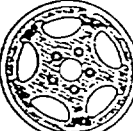
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Wheel rim summary for winter tires 911 Carrera 2/4 1989-on and 911 Turbo 1991-on

Rim Design	Dimension	Offset	Part Number
Cast Aluminum 	6J x 16 H2	52.3 mm	964 362 112 01
	8J x 16 H2	52.3 mm	964 362 116 01
Forged Aluminum 	6J x 16 H2	52.3 mm	944 362 113 00
	8J x 16 H2	52.3 mm	944 362 113 01 928 362 117 00 928 362 117 01
Cast Aluminum 	6J x 16 H2	52.0 mm	944 362 112 00
	8J x 16 H2	52.0 mm	944 362 116 00
Cast Aluminum 	7J x 17 AH	55.0 mm	965 362 124 01
	8J x 17 AH	52.0 mm	965 362 126 01

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Model affected 928 S4/GT/GTS

Tire pressure:

	Front Axle	Rear Axle
16 inch wheels	2.5 bar (36 PSI)	3.0 bar (44 PSI)
17 inch wheels	2.5 bar (36 PSI)	3.0 bar (44 PSI)

Porsche approved winter tire size and wheel dimensions:

Model	Tire size	Wheel size	Offset	Axle
928 S4 up to MY88	205/55R 16 T or H	7J x 16 H2	65.0	Front
	205/55R 16 T or H	7J x 16 H2	65.0	Rear
	225/50R 16 92 T or H	7J x 16 H2	65.0	Front
	225/50R 16 92 T or H	8J x 16 H2	52.3	Rear
928 S4/GT 1989-on	205/55R 16 89 T or H	7J x 16 J2	65.0	Front
	205/55R 16 89 T or H	8J x 16 H2	52.3	Rear
	225/50R 16 92 T or H	7J x 16 H2	65.0	Front
	225/50R 16 92 T or H	8J x 16 H2	52.3	Rear
928 GTS	225/45R 17 90 T or H	7½J x 17 AH	65.0	Front
	225/45R 17 90 T or H	8J x 17 AH	52.0	Rear

- NOTE:**
1. Porsche approved snow chains for 16 inch wheels are Part Number 911 361 918 00.
 2. Porsche approved snow chains for 17 inch wheels are Part Number 911 361 924 00.
 3. 928 models from 1989 are equipped with tire pressure warning (RDK). As of model year 1994, the RDK system has been deleted, **under NO circumstances** should wheels for a vehicle without RDK be installed on vehicle with RDK.

Porsche approved winter tires for 928 S4/GT/GTS:

Make and Type	205/55 R16 89H	225/50 R16 92H	225/45 R17 90H	Traction
Bridgestone WT 04	X		X	A
Continental TS 750	X		X	A
Goodyear Eagle GW	X			B
Semperit Direction Grip	X		X	C
Toyo 920			X	A

Traction

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Wheel rim summary for winter tires 928 S4/GT/GTS

Rim Design	Dimension	Offset	Part Number	928 S4 '87-'88	928 S4 '89 928 GT
Forged Aluminum	7J x 16 H2	65.0mm	928 361 021 08	X	
	7J x 16 H2	65.0mm	928 362 115 00/01	X	
	8J x 16 H2	52.3mm	928 362 117 00/01	X	
	7J x 16 H2 (RDK)	65.0mm	928 362 155 00/01		X
	8J x 16 H2 (RDK)	52.3mm	928 362 157 00/01		X
Cast Aluminum	7J x 16 H2	65.0mm	928 362 114 20	X	
	8J x 16 H2	52.3mm	928 362 116 20	X	
	7J x 16 H2 (RDK)	65.0mm	928 362 154 20		X
	8J x 16 H2 (RDK)	52.3mm	928 362 156 20		X

928 GTS with RDK

Rim Design	Dimension	Offset	Part Number
Cast Aluminum	7½J x 17 AH	65.0mm	965 362 164 05
	8J x 17 AH	52.3mm	965 362 166 00

928 GTS without RDK

Rim Design	Dimension	Offset	Part Number
Cast Aluminum	7½J x 17 H2	65.0mm	993 362 124 05 61M
	8J x 17 H2	52.0mm	993 362 126 00 61M

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