

Technical Bulletin

Model
All

Group
4

Subject: Winter Tire/Wheel Rim Summary

Part Identifier
4405

Number
9101

Models Affected: 924S, 944, 944S, 944 S2, 944 turbo, 944 turbo S

Tire Pressure:

Vehicle Type

Front Axle

Rear Axle

924S, 944, 944S

2.0 bar (29psi)

2.5 bar (36psi)

944 t (all) 944 S2 '89 (K)

2.5 bar (36psi)

2.5 bar (36psi)

944 S2 '90 (L)

2.5 bar (36psi)

3.0 bar (44psi)

Winter Wheel Rim and Tire Sizes

Vehicle Type	Model Year	Rim Size	Offset in mm	Tire Size
924S	all	6 J x 15 H2 or 5½ J x 15 H2 front and rear	52.3 52.3	195/65 R 15 91 T or H front and rear
		6 J x 16 H2 front and rear	52.3	*205/55 R 16 89 T or H front and rear
		944 944 turbo	→ 86 → 86	7 J x 15 H2 front and rear
		7 J x 16 H2 front and rear or 7 J x 16 H2 front and 8 J x 16 H2 rear	23.3 23.3 23.3	205/55 R 16 89 T or H front and rear
		7 J x 16 H2 front and 8 J x 16 rear	23.3 23.3	205/55 R 16 89 T or H front and 255/50 R 16 92 T or H rear
		944 944S	89 → all	7 J x 15 H2 front and rear

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Winter Wheel Rim and Tire Sizes (continued)

Vehicle Type	Model Year	Rim Size	Offset In mm	Tire Size
944 944S 944 turbo	87 → all 87/88	7 J x 16 H2 front and rear	52.3	205/55 R 16 89 T or H front and rear
		7 J x 16 H2 front and	52.3/55.0	
		8 J x 16 H2 rear	52.3/52.0	
944 turbo S 944 turbo 944 S2**	88 89 → 90 →	7 J x 16 H2 front and	52.3	205/55 R 16 89 T or H front and rear
		8 J x 16 H2 rear	65.0	225/50 R 16 92 T or H rear
		7½ J x 16 H2 front and	52.3	205/55 R 16 89 T or H front and rear or
		8 J x 16 rear	65.0	225/50 R 16 92 T or H rear
944 S2	89 →	7 J x 16 H2 front and rear or	52.3/55.0	205/55 R 16 89 T or H front and rear or
		7 J x 16 H2 front and	52.3/55.0	225/50 R 16 92 T or H rear
		8 J x 16 H2 rear	52.3/52.0	

* No chain clearance

** Only with sport suspension (M030)

T = max. 119 mph (190 km/h)

H = max. 131 mph (210 km/h)

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Porsche Technical Publications



SERVICE

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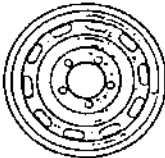
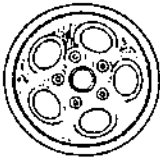

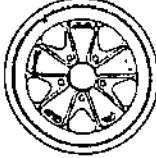
Subject: Winter Tire/Wheel Rim Summary

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Survey of Porsche Wheel Rims for Winter Tires

Identification on inside wheel rim: Rim size, offset, part number and Porsche trademark. 

Rim Design	Rim Size	Rim-Offset	Porsche Part No.	924S	944 ↑ '86	944/944S ↑ '87	944 turbo ↑ '86	944 turbo 87/88	944 S2
1. Steel rim 	5½ J x 15 H2	52.3 mm	477 601 030 B	x					
2. Light alloy, cast 	6 J x 15 H2	36.0 mm	911 361 023 46		x				
	7 J x 15 H2	23.3 mm	951 362 104 00		x		x		
	7 J x 16 H2	23.3 mm	951 362 114 00		x		x		
	8 J x 16 H2	23.3 mm	951 362 116 00		x		x		
	6 J x 15 H2	52.3 mm	944 362 102 00	x					
	7 J x 15 H2	52.3 mm	944 362 104 00			x			
	7 J x 16 H2	52.3 mm	951 362 114 01			x		x	x
	8 J x 16 H2	52.3 mm	951 362 116 01			x		x	x
3. Light alloy, cast 	6 J x 15 H2	36.0 mm	911 361 023 40 911 361 023 44 911 361 023 45		x x x				
	7 J x 15 H2	23.3 mm	911 361 023 50 911 361 023 55		x x				
4. Light alloy, forged 	6 J x 15 H2	36.0 mm	911 361 020 10/90		x				
	7 J x 15 H2	23.3 mm	911 361 020 41/93		x				
	8 J x 15 H2	10.6 mm	911 361 020 42/94		x				
	6 J x 16 H2	36.0 mm	911 362 113 00/90		x				
	7 J x 16 H2	23.3 mm	951 362 115 00/90		x		x		
	8 J x 16 H2	23.3 mm	951 362 117 00/90		x		x		

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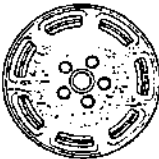
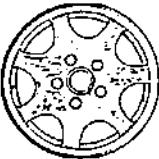
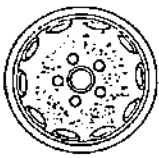
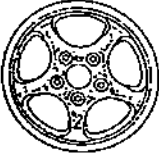
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Subject: Winter Tire/Wheel Rim Summary

Part Identifier
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Survey of Porsche Wheel Rims for Winter Tires (continued)

Rim Design	Rim Size	Rim-Offset	Porsche Part No.	924S	944/944S '87 ↑	944 S2	944 Turbo '87/88	944 Turbo S '89	944 S2 Sport
5. Light alloy, forged 	6 J x 16 H2	53.0 mm	477 601 026 B	x					
	6 J x 16 H2	52.3 mm	944 362 113 00/01	x					
	7 J x 16 H2	52.3 mm	944 362 115 00/01		x	x	x		
	7 J x 16 H2	65.0 mm	928 362 115 00/01						x
	8 J x 16 H2	52.3 mm	928 362 117 00/01		x	x	x	x	x
6. Light alloy, cast "Design 90" 	7 J x 16 H2	55.0 mm	964 362 114 01			x	x		
	8 J x 16 H2	52.3 mm	964 362 116 01			x	x		
7. Light alloy, cast 	7 J x 16 H2	65.0 mm	928 362 114 20						x
	8 J x 16 H2	52.3 mm	928 362 116 20						x
8. Light alloy, cast 	7 J x 16	55.0 mm	944 362 114 00		x	x	x		
	8 J x 16	52.0 mm	944 362 116 00		x	x	x		

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Recommended Winter Tires

Recommended Tire Type	Application-Range	Tire Size	
		195/65 R 15 91 T	215/60 R 15 93 T
Continental TS 750 Contact	A	x	
Continental TS 740 Contact	A		x
Gislaved Frost	C	x	
Goodyear Ultra Grip III	A	x	x
Maloya Cresta	C	x	
Semperit Top Grip	A	x	x
Vredestein Snow Star	B	x	

Recommended Tire Type	Application-Range	Tire Size	
		205/55 R 16 89 H	225/50 R 16 92 H
Bridgestone WT 04	A	x	x
Dunlop SP Winter Sport	B	x	x
Pirelli Winter 210 Performance	C	x	x
Semperit Direction Grip	C	x	x

Application Range A: For all driving conditions.
 Application Range B: For frequent highway driving.
 Application Range C: For heavy snow regions.

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Subject: Winter Tire/Wheel Rim Summary

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Model Affected: 968

Tire Pressure:

Vehicle Type

968

Front Axle

2.5 bar (36psi)

Rear Axle

2.5 bar (36psi)

Winter Wheel Rim and Tire Sizes

Vehicle Type	Model Year	Rim Size	Offset in mm	Tire Size
968 Without sport suspension	all	7 J x 16 H2 front	52.3/55.0	205/55 R 16 89 T or H front and rear
		8 J x 16 H2	52.0/52.3	
968 With sport suspension (M030)		7 J x 16 H2 front and 8 J x 16 H2 rear	52.3/55.0	205/55 R 16 89 T or H front and 225/50 R 16 92 T or H rear
		7½ J x 16 H2 or 7 J x 16 H2 front and 8 J x 16 H2 rear	65.0	
			52.3	
968 With and without sport suspension		7½ J x 17 AH front and 8 J x 17 AH rear	65.0	205/50 R 17 89 T or H front and 225/45 R 17 90 T or H rear

T = max. 119 mph (190 km/h)

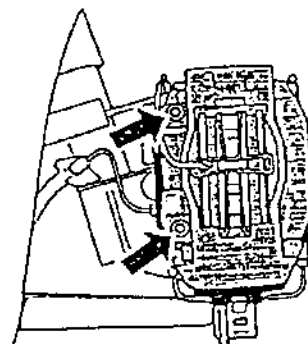
H = max. 131 mph (210 km/h)

Sport Suspension (M030)

To determine if a vehicle is equipped with sport suspension, check the mounting of the front brake caliper.

Vehicles with sport suspension - radial caliper mounting

Vehicles without sport suspension - axial caliper mounting



Sport suspension caliper mounting



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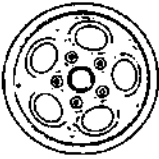
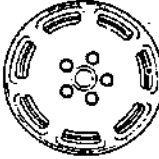
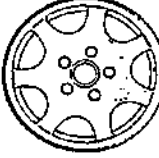
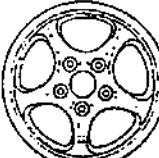
Part Identifier
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Survey of Porsche Wheel Rims for Winter Tires

Identification on inside wheel rim: Rim size, offset, part number and Porsche trademark



Rim Design	Rim Size	Rim-Offset	Porsche Part No.	Without Sport Suspension	With Sport Suspension
1. Light alloy cast 	7 J x 16 H2 8 J x 16 H2	52.3 mm 52.3 mm	951 362 114 01 951 362 116 01	x x	
2. Light alloy, forged 	7 J x 16 H2 7 J x 16 H2 8 J x 16 H2	52.3 mm 65.0 mm 52.3 mm	944 362 115 00 944 362 115 01 928 362 115 00 928 362 115 01 928 362 117 00 928 362 117 01	x x x x x x	x x x x
3. Light alloy cast "Design 90" 	7 J x 16 H2 7 1/2 J x 16 H2 8 J x 16 H2	55.0 mm 65.0 mm 52.3 mm	964 362 114 01 928 362 114 05 964 362 116 01	x x	x x
4. Light alloy, cast 	7 J x 16 H2 8 J x 16 H2	55.0 mm 52.0 mm	944 362 114 00 944 362 116 00	x x	

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Subject: Winter Tire/Wheel Rim Summary

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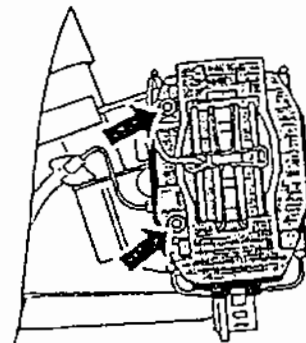
Rim Design	Rim Size	Rim-Offset	Porsche Part No.	Without Sport Suspension	With Sport Suspension
5. Light alloy, cast 	7 J x 16 H2	65.0 mm	928 362 114 20		x
	8 J x 16 H2	52.3 mm	928 362 116 20		x
6. Light alloy, cast 	7½ J x 17 AH	65.0 mm	965 362 124 05	x	x
	8 J x 17 AH	52.0 mm	965 362 126 00	x	x

Sport Suspension (M030)

To determine if a vehicle is equipped with sport suspension, check the mounting of the front brake caliper.

Vehicles with sport suspension - radial caliper mounting

Vehicles without sport suspension - axial caliper mounting



Sport suspension caliper mounting



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Recommended Winter Tires

Recommended Tire Type	Application-Range	Tire Size	
		205/55 R 16 89 H and 225/50 R 16 92 H	205/50 R 17 89 H and 225/45 R 17 90 H
Bridgestone WT 04	A	x	
Bridgestone WT 05	A		x
Continental TS 750	B		x
Dunlop SP Winter Sport	B	x	
Pirelli Winter 210 Performance	C	x	x
Semperit Direction Grip	C	x	

Application Range A: For all driving conditions.
 Application Range B: For frequent highway driving.
 Application Range C: For heavy snow regions.

Models Affected: 911 SC, 911 Carrera, 911 turbo —'89 (K), and turbo Look
 911 Carrera 2 and 4, 911 turbo '91— (M)
 911 Carrera 2 Cabriolet "American Roadster"

Tire Pressure:

Vehicle Type	Front Axle	Rear Axle
911, 911 Carrera 911 turbo 3.0 1	2.0 bar (29psi)	2.5 bar (36psi)
911 turbo 3.3 1, turbo-Look	2.0 bar (29 psi)	3.0 bar (44 psi)
911 Carrera 2 and 4 with 16 inch wheels	2.5 bar (36 psi)	3.0 bar (44 psi)
911 Carrera 2 and 4 with 17 inch wheels 911 Carrera 2 Cabriolet "American Roadster"	2.5 bar (36 psi)	2.5 bar (36 psi)
911 turbo '91— (M)	2.5 bar (36 psi)	3.0 bar (44 psi)

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Subject: Winter Tire/Wheel Rim Summary

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Winter Wheel Rim and Tire Sizes

Vehicle Type	Model Year	Rim Size	Offset in mm	Tire Size
911 Carrera and Club Sport Version	all	6 J x 15 front and 7 J x 15 rear	36.0 23.3	195/65 R 15 91 T or H front and rear or only front and 215/60 R 15 93 T or H rear
		7 J x 15 front and 8 J x 15 rear	23.3 10.6	195/65 R 15 91 T or H front and 215/60 R 15 93 T or H rear
		6 J x 16 front and 7 J x 16 rear	36.0 23.3	205/55 R 16 89 T or H front and rear or only front and 225/50 R 16 92 T or H rear
		6 J x 16 front and 8 J x 16** rear	36.0 10.6	205/55 R 16 89 T or H front and 225/50 R 16 92 T or H** rear
911 turbo and 911 turbo Look	-89 (K)	6 J x 15* front and 7 J x 15 rear	36.0 23.3	195/65 R 15 91 T or H front and rear or only front and 215/60 R 15 93 T or H rear
		7 J x 15 front and 8 J x 15 rear	23.3 10.6	195/65 R 15 91 T or H front and 215/60 R 15 93 T or H rear
		6 J x 16 front and 7 J x 16 rear or 7 J x 16 front and 8 J x 16 rear	36.0 23.3 23.3 10.6 or 23.3	205/55 R 16 89 T or H front and rear or only front and 215/50 R 16 92 T or H rear

*only turbo Look

**check for tire clearance

PORSCHE CARS NORTH AMERICA INC.



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Subject: Winter Tire/Wheel Rim Summary

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Winter Wheel Rim and Tire Sizes

Vehicle Type	Model Year	Rim Size	Offset in mm	Tire Size
911 Carrera 2 and 4		6 J x 16 H2 front and 8 J x 16 H rear	52.3 mm 52.0 mm	205/55 R 16 89 T or H front and rear or front only and 225/50 R 16 92 T or H rear
911 Carrera 2 and 4		7 J x 17 AH front and	55.0 mm	205/50 R 17 89 T or H front and
911 Carrera 2 Cabriolet- American Roadster	92 —	8 J x 17 AH rear	52.0 mm	225/45 R 17 90 T or H rear
911 turbo	91 —			

T = max. 119 mph (190 km/h)

H = max. 131 mph (210 km/h)



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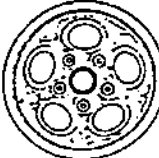
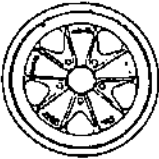
Number
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Survey of Porsche Wheel Rims for Winter Tires

Identification on inside wheel rim: Rim size, offset, part number and Porsche Trademark



911 Carrera, 911 turbo —89 (K) and 911 turbo-Look

Rim Design	Rim Size	Rim-Offset	Porsche Part No.	911 Carrera	911 turbo/ Look
1. Light alloy, cast 	6 J x 15	36.0 mm	911 361 023 40/44/45	x	
	7 J x 15	23.3 mm	911 361 023 50/54/55	x	
2. Light alloy, cast 	6 J x 15	36.0 mm	911 361 023 46	x	
	7 J x 15	23.3 mm	951 362 104 00	x	
	7 J x 16	23.3 mm	951 362 114 00		x
	8 J x 16	23.3 mm	951 362 116 00		x
3. Light alloy, forged 	6 J x 15	36.0 mm	911 361 020 10/90	x	x
	7 J x 15	23.3 mm	911 361 020 41/93	x	x
	8 J x 15	10.6 mm	911 361 020 42/94	x	x
	6 J x 16	36.0 mm	911 362 113 00/90	x	x
	7 J x 16	23.3 mm	911 362 115 00/90	x	x
			951 362 115 00/90	x	x
	8 J x 16	10.6 mm	911 362 117 00/90	x	x
	8 J x 16	23.3 mm	951 362 117 00/90		x

*only turbo look

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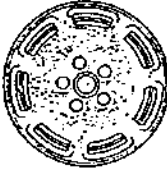
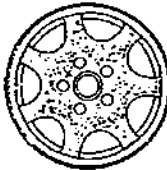
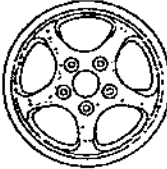
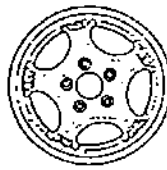
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911 Carrera 2 and 4, 911 turbo '91— (M)
911 Carrera 2 Cabriolet "American Roadster"

Rim Design	Rim Size	Rim-Offset	Porsche Part No.
1. Light alloy, forged 	6 J x 16 H2	52.3 mm	944 362 113 00
			944 362 113 01
	8 J x 16 H2	52.3 mm	928 362 117 00
			928 362 117 01
2. Light alloy, cast "Design 90" 	6 J x 16 H2	52.3 mm	964 362 112 01
	8 J x 16 H2	52.3 mm	964 362 116 01
3. Light alloy, cast 	6 J x 16 H2	52.0 mm	944 362 112 00
	8 J x 16 H2	52.0 mm	944 362 116 00
4. Light alloy, cast 	7 J x 17 AH	55.0 mm	965 362 124 00
	8 J x 17 AH	52.0 mm	965 362 126 00

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Subject: Winter Tire/Wheel Rim Summary

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Recommended Winter Tires

911 SC, 911 Carrera, 911 turbo — 89 (K), 911 turbo-Look

Recommended Tire Type	Application- Range	Tire Size		205/55 R 16 89 H and 225/50 R 16 92 H2
		195/65 R 15 91 T	215/60 R 15 93 T	
Bridgestone WT 04	A			x
Continental TS 740 Contact	A		x	
Continental TS 750 Contact	A	x		
Dunlop SP Winter Sport	B			x
Gislaved Frost	C	x		
Goodyear Ultra Grip III	A	x	x	
Maloya Cresta	C	x		
Pirelli Winter 210 Performance	C			x
Semperit Direction Grip	C			x
Semperit Top Grip	A	x	x	
Vredestein Snow Star	B	x		

911 Carrera 2 and 4, 911 turbo 91— (M), 911 Carrera 2 Cabriolet "American Roadster"

Recommended Tire Type	Application- Range	Tire Size	
		205/55 R 16 89 H and 225/50 R 16 92 H	205/50 R 17 89 H and 225/45 R 17 90 H
Bridgestone WT 04	A	x	
Bridgestone WT 05	A		x
Continental TS 750	B		x
Dunlop SP Winter Sport	B	x	
Pirelli Winter 210 Performance	C	x	x
Semperit Direction Grip	C	x	

Application Range A: For all driving conditions.
 Application Range B: For frequent highway driving.
 Application Range C: For heavy snow regions.

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Subject: Winter Tire/Wheel Rim Summary	Part Identifier 4405	Number 9101
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Models Affected: 928, 928S, 928 S4, 928 GT and 928 GTS

Tire Pressure:

Vehicle Type	Front Axle	Rear Axle
928, 928S, 928 S4 928 Club-Sport, 928 GT	2.5 bar (36 psi)	3.0 bar (44 psi)
928 GTS (17 inch wheels)	2.5 bar (36psi)	2.5 bar (36 psi)

Winter Wheel Rim and Tire Sizes

Vehicle Type	Model Year	Rim Size	Offset in mm	Tire Size
928 928S	all — 85	7 J x 15 H2 front and rear	65.0 mm	215/60 R 15 93 T or H front and rear
928 928 S 928 S4	all all — 88	7 J x 16 H2 front and rear or 7 J x 16 H2 front and 8 J x 16 H2 rear	65.0 65.0 52.3	205/55 R 16 89 T or H front and rear or 225/50 R 16 92 T or H front and rear
928 S4 928 GT Club-Sport	89 — all all	7 J x 16 H2 front and 8 J x 16 H2 rear	65.0 52.3	205/55 R 16 89 T or H front and rear or 225/50 R 16 92 T or H front and rear
928 GTS*	92	7½ J x 17 AH front 8 J x 17 AH	65.0 52.0	225/45 R 17 90 T or H front and rear

T = max. 119 mph (190 km/h)
H = max. 131 mph (210 km/h)

* 928 GTS not available in USA for Model Year 1992.



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Subject: Winter Tire/Wheel Rim Summary

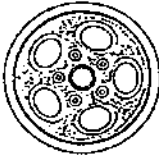


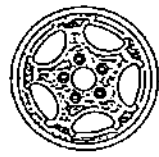
Part Identifier
4405

Number
9101

Survey of Porsche Wheel Rims for Winter Tires

Identification on inside wheel rims: Rim size, offset, trademark



Rim Version	Rim Size	Rim-Offset	Porsche Part No.	928/928 S → 85	928 S/928 S4 86-88	Club-Sport Version	928 S4 '89 → 928 GT	928 GTS
1. Light alloy, cast 	7 J x 15 H2	65.0 mm	928 361 919 00	x				
	7 J x 15 H2	65.0 mm	928 361 019 00	x				
	7 J x 16 H2	65.0 mm	928 361 916 00	x				
	7 J x 16 H2	65.0 mm	928 361 016 00	x				
	8 J x 16 H2	52.3 mm	951 362 116 01	x				
2. Light alloy, forged 	7 J x 16 H2	65.0 mm	928 361 021 08	x	x	x		
	7 J x 16 H2	65.0 mm	928 362 115 00/01	x	x	x		
	8 J x 16 H2	52.3 mm	928 362 117 00/01	x	x	x*		
	7 J x 16 H2 (RDK)	65.0 mm	928 362 155 00/01			x	x	
	8 J x 16 H2 (RDK)	52.3 mm	928 362 157 00/01			x*	x*	
3. Light alloy, cast 	7 J x 16 H2	65.0 mm	928 362 114 20	x	x	x		
	8 J x 16 H2	52.3 mm	928 362 116 20	x	x	x*		
	7 J x 16 H2 (RDK)	65.0 mm	928 362 154 20			x	x	
	8 J x 16 H2 (RDK)	52.3 mm	928 362 156 20			x*	x*	
4. Light alloy, cast 	7½ J x 17 AH (RDK)	65.0 mm	965 362 164 05					x
	8 J x 17 AH (RDK)	52.3 mm	965 362 166 00					x

* Club-Sport /928 GT '89 (K) - Install rear wheels without spacer rings.

RDK - wheel rim for vehicles with tire pressure monitoring system. Must be used from model year '90 (L).

PORSCHE CARS NORTH AMERICA INC.



Technical Bulletin	Model All	Group 4
	Subject: Winter Tire/Wheel Rim Summary	Part Identifier 4405

Recommended Winter Tires

Recommended Tire Type	Application-Range	Tire Size	
		215/60 R 15 93 T	205/55 R 16 89 H
Bridgestone WT 04	A		x
Continental TS 750 Contact	A	x	
Dunlop SP Winter-Sport	B		x
Goodyear Ultra Grip III	A	x	
Pirelli Winter 210 Performance	C		x
Semperit Top Grip	A	x	
Semperit Direction Grip	C		x

Recommended Tire Type	Application-Range	Tire Size	
		225/50 R 16 92 H	225/45 R 17 90 H
Bridgestone WT 04	A	x	
Bridgestone WT 05	A		x
Continental TS 750	B		x
Dunlop SP Winter Sport	B	x	
Goodyear Eagle GW	A	x	
Pirelli Winter 210 Performance	C	x	x
Semperit Direction Grip	C	x	

Application Range A: For all driving conditions.
 Application Range B: For frequent highway driving.
 Application Range C: For heavy snow regions.

