

Wheels and tyres for the 964 series

By Adrian Streater

The standard wheel size diameter for the 964 series of narrow body versions was 16-inches. 17-inch wheels were never offered on model year 1989, 1990 and 1991 normally aspirated 964 versions, they were offered only for the 911 (964) Turbo. New 10 mm steering stops (replacing the 6 mm versions) were installed at the start of the 1992 model year. 17-inch wheels were approved for retrofitting on earlier models as long as new steering stops were installed and a minor body structural modification was carried out. Later limited editions of the 964 series were delivered with 17-inch wheels as standard. The only models to receive 18 inch wheels were the Turbo S, the Turbo 3.6, Turbo 3.6 S and the RS/RSR 3.8 series.. 18-inch wheels were never offered as options on any other 964 and are not approved for installation on any other 964. The original factory wheel sizes were 6JX16 on the front and 8JX16 on the rear. The original standard tyres were 205/55ZR16s on the front and 225/50ZR16s on the rear. In Europe the "standard tyre" manufacturer was Bridgestone with type RE71s. The RE71 was not the standard tyre for the US versions of the 964. Research has shown that other tyre manufacturer products were installed as well for the US versions. Option M231 authorised this. This was not a customer offered option either. It was reserved for internal factory requirements.

The original wheels for the 964 were the Design 90s. Which turned out to be the lightest wheels fitted to the 964. They might not look pretty to some but they are still the best and most cost efficient wheels for the club sports racer.

In 1992, the Design 90 wheel was replaced by five spoke cast aluminium Cup design 92 wheels. These were made available in 16" and 17" sizes with widths from 7" to 9".

Wheel specifications for the Carrera 4 and Carrera 2 models were same.

Note: *There are subtle differences between actual wheel design in the Design 92 series for the 964 NA series, 964 Turbo and 968.*

Approved wheels for the 964 series model years 1989-1994

The following wheels are those, which are approved for use by Porsche.



Where is the part number and offset? P/No is on the inside of the wheel and the offset is on the outside both images courtesy of Patrick Forrestell.

Note: *Please review the remarks column of this table before attempting to purchase or install as specific wheel part number. It may not be suitable or approved for standard narrow body C4 or C2 models*

Wheel description	Part number	Size	Offset (mm)	Remarks
Cast aluminium design 90	964 362 114 01	6JX16	55	
	964 362 112 01	7JX16	52.3	
	964 362 116 01	8JX16	52.3	
	928 362 118 02	9JX16	52.3	



928 optional 16 inch wheels (left), image courtesy of Evan Begg and standard Design 90 wheels (right) image courtesy of Art Killinger.

Forged aluminium	944 362 112 00	6JX16	52	
	944 362 113 00	6JX16	52.3	
	944 362 113 01	6JX16	52.3	
	944 362 116 00	8JX16	52	
	928 362 117 00	8JX16	52.3	
	928 362 117 01	8JX16	52.3	
Cup design 92	965 362 124 00	7JX17	55	
	965 362 124 01	7JX17	55	
	965 362 124 15	7.5JX17	55	needs spacers
	965 362 124 05	7.5JX17	65	needs spacers
	965 362 126 00	8JX17	52	
	965 362 126 01	8JX17	52	
	965 362 128 00	9JX17	55	
	965 362 128 10	9JX17	55	
	965 362 128 05	9.5JX17	68	needs spacers



Design 92 wheels on a C4 (left) and 964 RS (right) both images by author

Cup design 93	993 362 124 00	7JX17	55	
	993 362 124 05	7J.5X17	65	needs spacers
	993 362 126 00	8JX17	52	
	993 362 128 00	9JX17	55	



Design 93 16 inch wheels (left)and 1996-98 model year (right) 993 16 inch wheels design
Image left courtesy of Ken Chambers, image right by author.

Speedline for Porsche cup design modular 17 inch	Special order from Porsche	8JX17	52	RS 3.8 only
	ditto	9JX17	64	RS 3.8 only
	ditto	11JX17	55	RS 3.8 only 43 mm spacers required
Speedline for Porsche cup design modular 18 inch	Special order from Porsche	8JX18	52	Turbo S, Turbo 3.6, RS 3.8 only
	ditto	9JX18	48	RS 3.8 front only
		10JX18	61	Turbo S, Turbo 3.6, RS 3.8 only
	ditto	11JX18	5	RS 3.8 rear only

Caution The 18 Inch Speedline for Porsche wheels must not be dismantled, as they cannot be reassembled with standard shop equipment.



964 RS 3.8 with Speedline for Porsche wheels (left) and a 968 Turbo S also with Speedline for Porsche wheels (right). Images courtesy of Frank Thierer.

Approved summer tyres 1989-2001

Note: these tyres are manufactured to Porsche specifications but not all have been tested on the 964 series. This data is also applicable to all models of Porsche manufactured from 1989 to 2002. Not all these tyres are available anymore in certain countries yet available in others. This is why all data for all tyres is provided.

Tyre size	Manufacturer, model and N rating	Remarks
16 inch	Dunlop SP Sport D 40 ZR N0	1989 only
	Goodyear Eagle VR or ZR N0	1989 only
	BF Goodrich Comp T/A N0	
	Bridgestone RE71 N1	
	Yokohama A008P N0	
	Bridgestone Expedia S-01 N0	
	Michelin MXXX 3 N0	
	Pirelli P700-Z N0	
	Yokohama A-008P N0	
	Bridgestone SO2 N3	all round
	Continental Sport Contact N1	comfort
	Continental Sport Contact 2 N1	comfort
	Michelin MXX3 Pilot SX N2	sports
	Pirelli PZero Direzionale N3	front only sports
	Pirelli PZero Asimmetrico N3	rear only sports
Yokohama AVS S-1Z N1	sports	
Dunlop SP Sport 8000 N0	sports	
17 inch	Bridgestone Expedia S-01 N0	
	Michelin MXXX 3 N0	
	Pirelli P700-Z N0	
	Yokohama A-008P N0	
	Bridgestone SO2 N3	all round
	Bridgestone SO2A N4	
	Continental Sport Contact 2 N1	comfort
	Michelin MXX3 Pilot SX N1	sports
	Pirelli Pzero Direzionale N2	front only sports
	Pirelli Pzero Asimmetrico N2	rear only sports
	Yokohama AVS Sport N0	sports
	Yokohama A008 P N0	sports
	Yokohama A008 P N1	sports
	Dunlop SP Sport 8000 N0	sports
	18 inch	Dunlop 8000SP N0 235/40ZR18
Dunlop 8000SP N0 285/35ZR18		rear RS 3.8
Bridgestone SO2 N2		all round
Continental Sport Contact N1		comfort
Continental Sport Contact 2 N1		comfort
Continental Sport Contact N2		sports
Michelin Pilot Sport SX N0		sports
Pirelli PZero Asimmetrico N2		sports
Pirelli PZero Asimmetrico N3		sports
Dunlop SP Sport 9090 N0		sports
Yokohama AVS Sport		all round

Approved winter tyres 1989-2002

Note: Winter tyres are tested and approved by Porsche but are not necessarily manufactured to Porsche specifications. Again not all these tyres have been tested on the 964 and the data in this table is applicable to all Porsche models from 1989 to 2002.

Tyre size	Manufacturer, model and N rating	Remarks
16 inch	Pirelli Winter 190	1989 only
	Dunlop SP Winter Sport	1989 only
	Bridgestone WT 04	all winter
	Continental TS 750	all winter
	Goodyear Eagle GW	high speed
	Michelin X M+S 330	all winter
	Semperit Direction Grip	heavy snow
	Dunlop SP Winter Sport M2	all winter
	Michelin Pilot Alpin	heavy snow
	Goodyear Eagle Ultra Grip	high speed
	Pirelli Winter 210 Asimmetrico	high speed
	ContiWinter Contact TS 790 V	all winter
	Pirelli Winter W240 SnowSport N0	high speed
17 inch	Bridgestone WT 05	high speed
	Continental TS 750	all winter
	Dunlop Winter Sport M2	all winter
	Semperit Direction Grip	heavy snow
	Toyo 920	all winter
	Dunlop SP Winter Sport M2	all winter
	ContiWinter Contact TS 790V	all winter
	Pirelli Winter W240 SnowSport N0	high speed
18 inch	Pirelli Winter 210 Asimmetrico	all winter
	Pirelli Winter 240 Snowsport	all winter
	Pirelli Winter W240 SnowSport N1	high speed
	ContiWinter Contact TS 790V	all winter

**The contents of this document are intended for the personal DIY use of 964 owners.
The contents in full or in part of this document may not be reproduced or used in any way than already described without the express permission of the author.**

Copyright April 11th 2003.