

# Manufacturer's Certificate

911 (992)

**52/24** ENU 4400

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## Approved: Wheels and Tires (52/24)

Revision: This bulletin replaces bulletin Group 4 41/24, dated December 17, 2024.

Model Year: **As of 2025**

Vehicle Type: **Type 992PA (Coupé / Cabriolet):**  
**911 Carrera / 911 Carrera T / 911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS**

Cause: Approval status: December 2024

Sizes: **Permissible tire and wheel sizes**  
**(RO = rim offset in mm, FA = front axle, RA = rear axle)**

Tire sizes	Wheel sizes	Snow chains
911 Carrera / 911 Carrera T WITHOUT hybrid engine		
Summer		
19-/20-inch FA: 235/40 ZR 19 (96Y) XL RA: 295/35 ZR 20 (105Y) XL  Not for 911 Carrera T	FA: 8.5J x 19, R0 52 RA: 11.5J x 20, R0 81	No
20/21-inch FA: 245/35 ZR 20 (95Y) XL RA: 305/30 ZR 21 (104Y) XL	FA: 8.5J x 20, R0 50 RA: 11.5J x 21, R0 79	No
20/21-inch FA: 245/35 ZR 20 (91Y) RA: 305/30 ZR 21 (100Y)		
Winter		
19-/20-inch FA: 235/40 R 19 96V XL RA: 295/35 R 20 105V XL	FA: 8.5J x 19, R0 52 RA: 11J x 20, R0 80	RA only
20/21-inch FA: 245/35 R 20 95V XL RA: 305/30 R 21 104V XL	FA: 8.5J x 20, R0 50 RA: 11J x 21, R0 82	RA only

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<b>Tire sizes</b>	<b>Wheel sizes</b>	<b>Snow chains</b>
<b>911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS</b>		
<b>WITH hybrid engine</b>		
<b>Summer</b>		
20–/21 inch FA: 245/35 ZR 20 (95Y) XL RA: 315/30 ZR 21 (105Y) XL	FA: 8.5J x 20, RO 50 RA: 11.5J x 21, RO 79	No
<b>Winter</b>		
20–/21 inch FA: 245/35 R 20 95V XL RA: 305/30 R 21 104V XL	FA: 8.5J x 20, RO 50 RA: 11J x 21, RO 82	RA only

**Wheels:****Overview of Porsche wheels for summer and winter tires**

Identification on the inside of the wheel:

Wheel size, rim offset (RO) in mm, part number (without color code marking FFF) and Porsche logo

**19/20-inch – "Carrera 7" wheel**

FA: 8.5J x 19, RO 52 (summer, winter)

Part No. 992.601.025.FR\_FFF

RA: 11.5J x 20, RO 81 (summer)

Part No. 992.601.025.GC\_FFF

RA: 11J x 20, RO 80 (winter)

Part No. 992.601.025.GE\_FFF

*Carrera 7***20/21-inch "RS Spyder Design 2" wheel**

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.601.025.EG\_FFF

RA: 11.5J x 21, RO 67 (summer)

Part No. 992.601.025.CT\_FFF

RA: 11J x 21, RO 82 (winter)

Part No. 992.601.025.BL\_FFF

*RS Spyder Design 2*

**20/21-inch "Carrera S6" wheel**

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.601.025.BJ\_FFF

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.601.025.BK\_FFF

or

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.601.029.M\_FFF

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.601.029.N\_FFF

*Carrera S6***20/21-inch "911 Carrera Exclusive Design" wheel TEQ range**

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.601.025.ET\_FFF

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.601.025.GG\_FFF

or

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.601.029.P\_FFF

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.601.029.Q\_FFF

*Carrera Exclusive Design*

**20/21-inch "911 Carrera Exclusive Design with CFRP Aeroblades" wheel**

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.601.025.ET\_FFF

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.601.025.GG\_FFF

or

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.601.029.P\_FFF

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.601.029.Q\_FFF

*911 Carrera Exclusive Design with CFK Aeroblades***20/21-inch "911 Carrera Classic 4" wheel TEQ offer**

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.601.025.BM\_FFF

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.601.025.BN\_FFF

*911 Carrera Classic 4***20/21-inch "911 Carrera Exclusive Design with CFRP Aeroblades" wheel**

FA: 8.5J x 20, RO 50 (summer)

Part No.:

ASSY: 992.601.075

Wheel: 992.601.025.BR\_\_FFF

Cover: 992.601.235

Screw: WHT.009.498

RA: 11.5J x 21, RO 79 (summer)

ASSY: 992.601.076

Wheel: 992.601.025.BS\_\_FFF

RA trim: 992.601.235.A

Screw: WHT.009.498

*Carrera Exclusive Design with CFK Aeroblades*

**20/21-inch "GTS" wheel**

FA: 8.5J x 20, RO 50 (summer, winter)

Part No. 992.601.025.BT\_FFF

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.601.025.CA\_FFF

RA: 11J x 21, RO 82 (winter)

Part No. 992.601.025.FD\_FFF



GTS

**20/21-inch – "Manthey" wheel, Carrera  
lightweight wheel**

TEQ offer

FA: 8.5J x 20, RO 50 (summer)

Part No.: 992.044.612

RA: 11.5J x 21, RO 79 (summer)

Part No.: 992.044.613



*Manthey wheel, Carrera lightweight wheel*

**20/21-inch – "Manthey" wheel, Carrera  
lightweight wheel**

TEQ offer

FA: 8.5J x 20, RO 50 (summer)

Part No. 992.044.612.A

RA: 11.5J x 21, RO 79 (summer)

Part No. 992.044.613.A

**Only for GTS**



*Manthey wheel, Carrera lightweight wheel*



## Information

Improper handling can damage the wheel surface.

Carry out tire removal and mounting using a bead holding-down device only.

Use a leather pad on the rim flange to support the valve insertion tool.

Only use the Porsche centring clamping set for balancing.

Do not use hard brushes to clean the wheels as these can cause deep scratches that cannot be removed by polishing.

Never use solvents or other chemical substances not approved by Porsche on tires.

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**Information**

Only install wheels with identical part numbers on each axle.

Wheel

using wheel bolts:

Mounting:

**Tightening torque 160 Nm**

using central wheel lock:

**Tightening torque 600 Nm**

Summer Tires:

Tire size	Tire make and type / Label value (link to EU database)
<b>911 Carrera / 911 Carrera T</b> <b>WITHOUT hybrid engine</b>	
FA: 235/40 ZR 19 (96Y) XL RA: 295/35 ZR 20 (105Y) XL <b>Not for 911 Carrera T</b>	Michelin Pilot Sport 4S NAO FA: <a href="https://eprel.ec.europa.eu/qr/413170">HTTPS://EPREL.EC.EUROPA.EU/QR/413170</a> RA: <a href="https://eprel.ec.europa.eu/qr/410061">HTTPS://EPREL.EC.EUROPA.EU/QR/410061</a>
	Pirelli PZero NAO FA: <a href="https://eprel.ec.europa.eu/qr/595483">HTTPS://EPREL.EC.EUROPA.EU/QR/595483</a> RA: <a href="https://eprel.ec.europa.eu/qr/595482">HTTPS://EPREL.EC.EUROPA.EU/QR/595482</a>
FA: 245/35 ZR 20 (91Y) RA: 305/30 ZR 21 (100Y)	Pirelli PZero NA1 FA: <a href="https://eprel.ec.europa.eu/qr/596523">HTTPS://EPREL.EC.EUROPA.EU/QR/596523</a> RA: <a href="https://eprel.ec.europa.eu/qr/596522">HTTPS://EPREL.EC.EUROPA.EU/QR/596522</a>
FA: 245/35 ZR 20 (95Y) XL RA: 305/30 ZR 21 (104Y) XL	Goodyear EAGLE F1 ASYMMETRIC 3 NAO FA: <a href="https://eprel.ec.europa.eu/qr/529783">HTTPS://EPREL.EC.EUROPA.EU/QR/529783</a> RA: <a href="https://eprel.ec.europa.eu/qr/529788">HTTPS://EPREL.EC.EUROPA.EU/QR/529788</a>
	Michelin Pilot Sport 4S NAO FA: <a href="https://eprel.ec.europa.eu/qr/409939">HTTPS://EPREL.EC.EUROPA.EU/QR/409939</a> RA: <a href="https://eprel.ec.europa.eu/qr/411576">HTTPS://EPREL.EC.EUROPA.EU/QR/411576</a>



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Tire size	Tire make and type / Label value (link to EU database)
<b>911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS</b> <b>WITH hybrid engine</b>	
FA: 245/35 ZR 20 (95Y) XL RA: 315/30 ZR 21 (105Y) XL	Pirelli PZero R NA2 FA: <a href="https://eprel.ec.europa.eu/qr/1417986">HTTPS://EPREL.EC.EUROPA.EU/QR/1417986</a> RA: <a href="https://eprel.ec.europa.eu/qr/1790585">HTTPS://EPREL.EC.EUROPA.EU/QR/1790585</a>
	Goodyear EAGLE F1 SuperSport R NA2 FA: <a href="https://eprel.ec.europa.eu/qr/1608128">HTTPS://EPREL.EC.EUROPA.EU/QR/1608128</a> RA: <a href="https://eprel.ec.europa.eu/qr/1608129">HTTPS://EPREL.EC.EUROPA.EU/QR/1608129</a>

Winter Tires:

Tire size	Tire make and type / Label value (link to EU database)
<b>911 Carrera / 911 Carrera T</b> <b>WITHOUT hybrid engine</b>	
FA: 235/40 R 19 96V XL RA: 295/35 R 20 105V XL	Pirelli P Zero Winter 2 NA2 Label values currently not available
FA: 245/35 R 20 95V XL RA: 305/30 R 21 104V XL	Goodyear Ultragrip Performance 3 NA2 Label values currently not available
	Michelin Pilot Alpin 5 NA2 FA: <a href="https://eprel.ec.europa.eu/qr/2038237">HTTPS://EPREL.EC.EUROPA.EU/QR/2038237</a> RA: <a href="https://eprel.ec.europa.eu/qr/2038238">HTTPS://EPREL.EC.EUROPA.EU/QR/2038238</a>

Tire size	Tire make and type / Label value (link to EU database)
<b>911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS</b> <b>WITH hybrid engine</b>	
FA: 245/35 R 20 95V XL RA: 305/30 R 21 104V XL	Goodyear Ultragrip Performance 3 NA2 Label values currently not available
	Michelin Pilot Alpin 5 NA2 FA: <a href="https://eprel.ec.europa.eu/qr/2038237">HTTPS://EPREL.EC.EUROPA.EU/QR/2038237</a> RA: <a href="https://eprel.ec.europa.eu/qr/2038238">HTTPS://EPREL.EC.EUROPA.EU/QR/2038238</a>

Arrow with inscription "Rotation"

= Directional mounting

"Inside/Outside" inscription

= Mounting on specified side only

Arrow with inscriptions "Rotation" and  
"Inside/Outside"

= Directional mounting on specified side only.



#### Information

In principle, only tires that at least correspond to the maximum vehicle speed may be installed on the vehicle.

There may be national exemptions for winter tires marked for M+S and 3PMSF (3 peak mountain snowflake), which also permit tires that do not correspond to the maximum vehicle speed.



#### Information

"N..." = Specification code of the tire, e.g. "NA0", "NA1", "NA2" ... The complete "N ..." code of the relevant tire makes must be shown on the tire sidewall near the type designation.

Instructions for correct mounting of the tires are also given on the tire sidewall. If there are no mounting instructions on the tire sidewall, the tire must be mounted so that the DOT marking is visible from the outside.



#### Information

As a general rule, Porsche does not recommend having tires repaired. Local legislation must always be observed.

It is advisable to install winter tires for temperatures below 7 °C (44 °F), because the driving characteristics of summer tires and UHP tires are reduced at low temperatures. Subfreezing temperatures can cause permanent damage to summer tires and UHP tires.

When replacing a tire on an axle, make sure that the tread depth of the new tire does not differ from that of the other tire by more than 30%. If this value is exceeded, we recommend that you replace both tires.



#### WARNING

##### Driving with different tires (mixed tires)

- Uncontrollable vehicle handling

⇒ Only use tires of the same make and type, with the same speed index and the same specification code (NA0, NA1, NA2, etc.) on a vehicle.

Tire Pressure:



#### WARNING

##### Incorrect tire pressure

- **Uncontrollable vehicle handling**
- ⇒ **Adjust the tire pressure according to specifications. Never allow the pressure to fall below the minimum pressure.**
- ⇒ **Check age of tires. Recommendation: Replace tires that are more than 6 years old.**
- ⇒ **Perform visual inspections.**
- ⇒ **Use only tires approved by Porsche.**



## WARNING

### Driving at high speed with low tire pressure

- **Irreparable damage to tires**
- ⇒ **Set comfort and performance air pressure for tires only on vehicles with "Comfort pressure" and "Performance pressure" selected in the instrument cluster.**



### Information

The tire pressure applies only to the tire makes and types approved by Porsche and is specified for cold tires (approx. 20 °C/ 68 °F). The tire pressure must not be lower than the specified values.

### Standard tire pressure for summer tires

Standard tire pressure for summer tires					
911 Carrera					
Tire size	Wheel size	Axle	Part load	Full load	Part load, comfort air pressure up to 270 km/h (165 mph)
235/40 ZR 19	8.5J x 19	FA	2.3 bar 33 psi	2.4 bar 35 psi	2.0 bar 29 psi
295/35 ZR 20	11.5J x 20	RA	2.6 bar 37 psi	3.0 bar 44 psi	2.2 bar 31 psi
245/35 ZR 20	8.5J x 20	FA	2.3 bar 33 psi	2.6 bar 37 psi	2.0 bar 29 psi
305/30 ZR 21	11.5J x 21	RA	2.7 bar 39 psi	3.2 bar 46 psi	2.2 bar 31 psi

Standard tire pressure for summer tires					
911 Carrera T					
Tire size	Wheel size	Axle	Part load	Full load	Part load, comfort air pressure up to 270 km/h (165 mph)
245/35 ZR 20	8.5J x 20	FA	2.3 bar 33 psi	2.6 bar 37 psi	2.0 bar 29 psi
305/30 ZR 21	11.5J x 21	RA	2.7 bar 39 psi	3.2 bar 46 psi	2.2 bar 31 psi

Standard tire pressure for summer tires					
911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS					
Tire size	Wheel size	Axle	Part load	Full load	Part load, comfort air pressure up to 270 km/h (165 mph)
245/35 ZR 20	8.5J x 20	FA	2.3 bar 33 psi	2.6 bar 37 psi	2.0 bar 29 psi
315/30 ZR 21	11.5J x 21	RA	2.7 bar 39 psi	3.2 bar 46 psi	2.2 bar 31 psi

## Standard tire pressure for winter tires

Standard tire pressure for winter tires				
911 Carrera / 911 Carrera T				
Tire size	Wheel size	Axle	Part load	Full load
235/40 R 19	8.5J x 19	FA	2.2 bar 31 psi	2.3 bar 33 psi
295/35 R 20	11J x 20	RA	2.4 bar 35 psi	2.7 bar 39 psi
245/35 R 20	8.5J x 20	FA	2.2 bar 31 psi	2.4 bar 35 psi

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305/30 R 21	11J x 21	RA	2.5 bar 36 psi	2.8 bar 41 psi

Standard tire pressure for winter tires				
911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS				
Tire size	Wheel size	Axle	Part load	Full load
245/35 R 20	8.5J x 20	FA	2.3 bar 33 psi	2.4 bar 35 psi
305/30 R 21	11J x 21	RA	2.6 bar 37 psi	2.9 bar 42 psi

Snow Chains:



## Incorrectly installed snow chains

- Uncontrollable vehicle handling
- ⇒ Do not exceed top speed of 50 km/h (30 mph).
- ⇒ Read assembly instructions (see also EQUIPMENT accessory finder on the Internet).
- ⇒ Observe country-specific regulations.

Porsche offers the following snow chains as accessories:

Snow chain overview		
	19/20" (295/35 R 20)	20/21" (305/30R21)
GTS	—	992.044.690.A Link-type chain
Basic version	992.044.690.A Link-type chain	992.044.690.C Quick-lock chain

- Wheel Storage:
- Tires must be stored in a cool, dry and dark room with adequate ventilation.
  - Tires must never come into contact with fuel, oil, grease or chemicals.
  - Do not store summer tires in storage areas with ambient temperatures of less than 5° F (-15° C).
  - Complete wheel & tire assemblies can be stacked for storage; we recommend that you increase the tire pressure by approximately 6 psi (0.4 bar).
  - Optimum conditions for storage of the complete wheels are provided by the Original Porsche storage trolley, Part No. 000.044.000.38.

General  
Information:

- If the tires are not mounted on wheels, it is best to store them in a vertical position.
  - We recommend that you turn tires stored in this position every two weeks in order to prevent flat spots.
  - Tires that are stacked in a horizontal position will become severely deformed and cannot be seated properly in the rim flange when they are mounted.
- Always use new valves when changing tires.
  - Always observe any possible instructions concerning the rolling direction and/or specifying which side the tires must be mounted on.
  - Coat the tire beads and humps with mounting lubricant before mounting the tire. This ensures that the tire beads will slide over the humps easily.
  - In order to prevent the tire from turning on the wheel, avoid extreme driving maneuvers (acceleration and braking) during the first 100 to 200 miles with new or recently mounted tires.
  - In order to optimize smoothness of rolling, it is appropriate - and necessary in individual cases - to mount the tire in a certain (favorable) position with respect to the wheel (matching).

**Matching (uncontrolled and controlled) is explained below: Uncontrolled matching:**

- Turning the tire on the wheel by 90° or 120° if necessary in order to achieve an acceptable value with regard to rolling smoothness (true running, imbalance and weight distribution of balance weights).

**Controlled matching:**

- With a balancing machine with matching program. In most cases, this produces an even better result with regard to the rolling smoothness (true running, imbalance and weight distribution of the balance weights) than can be achieved with uncontrolled matching.
- Maximum permissible radial runout and lateral runout of the wheels < 0.7 mm. Maximum permissible radial runout and lateral runout of the wheels with tires < 1.25 mm. Values < 1.50 mm -ideally approx. 0.5 mm - are desirable.
- The mounting pressure (seating pressure) of 58 psi/4.0 bar overpressure must not be exceeded before both tire beads are evenly seated on the rim flange.

**New Tires (Replacements):**

- If new tires are to be mounted or the tires of one axle are to be replaced, tires of the same make, type and with the same specification code must always be used on each of the two axles.
- If tires are replaced on one axle only, the different tread depth from that on the other axle can cause a noticeable change in the familiar handling.
- This is especially the case if new tires are mounted on the rear axle.
- This effect decreases with increasing tire mileage.

When replacing a tire on an axle, make sure that the tread depth of the new tire does not differ from that of the other tire on the same axle by more than 30 %.

Refer to WM 449503 for specific details of the vehicle you are working on.

- >The 2mm specification will be given here.
- > If there is none listed then the default is 30%.

**Repairs to Tires:**

- If a tire is damaged and it cannot be determined with absolute certainty that there is no ply damage - with all of its consequences - or if the tire was thermally or mechanically overloaded due to a loss of pressure or other prior damage, we recommend replacement of the tire in question for safety reasons.
- Repairs to "V", "W", "Y", and "ZR" tires are not permissible, as is the use of inner tubes in tubeless tires.

**Tire Aging:**

- Tires age due to chemical and physical processes, which can impair their function.
- Tires that are stored unused for an extended period harden and become brittle faster than tires that are in continual use.
- Hairline aging cracks can occur on older tires.
- On tires in continual use, the kneading action activates the plasticizer in the rubber and thereby prevents hardening and cracking.
- Therefore, attention should be paid not only to the tread depth but also to the age of the tire.
- Tires should not be older than 6 years.
- The age of the tire can be determined via the DOT code on the sidewall, which indicates the production date of the tire: e.g. DOT 2201= 22nd week of 2001.

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