

Manufacturer's Certificate

911 (992)

54/25 ENU 4400

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Approved: Wheels and Tires (54/25)

Revision: This bulletin replaces bulletin Group 4 10/25, dated April 17, 2025.

Model Year: **As of 2025**

Vehicle Type: **Type 992PA (Coupe / Carbiolet):
911 Carrera / 911 Carrera T / 911 Carrera S / 911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS /
911 Turbo S**

Cause: Approval status: November 2025

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 / 911 Carrera S 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 Not for 911 Carrera S | FA: 8.5J x 19, RO 52 RA: 11.5J x 20, RO 81 | No |
| 20/21-inch FA: 245/35 ZR 20 (95Y) XL RA: 305/30 ZR 21 (104Y) XL | FA: 8.5J x 20, RO 50 RA: 11.5J x 21, RO 79 | No |
| 20/21-inch FA: 245/35 ZR 20 (91Y) RA: 305/30 ZR 21 (100Y) | | |

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| Tire sizes | Wheel sizes | Snow chains |
|--|---|-------------|
| Winter | | |
| 19-/20-inch FA: 235/40 R 19 96V XL RA: 295/35 R 20 105V XL Not for 911 Carrera S | FA: 8.5J x 19, RO 52 RA: 11J x 20, RO 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, RO 50 RA: 11J x 21, RO 82 | RA only |

| Tire sizes | Wheel sizes | Snow chains |
|---|---|-------------|
| 911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS WITH hybrid engine | | |
| Summer | | |
| 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 |
| Winter | | |
| 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 |

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| Tire sizes | Wheel sizes | Snow chains |
|---|---|-------------|
| 911 Turbo S WITH hybrid engine | | |
| Summer | | |
| 20/21-inch FA: 255/35 ZR 20 (97Y) XL RA: 325/30 ZR 21 (108Y) XL | FA: 9.5J x 20, RO 44 RA: 12J x 21, RO 63 | No |
| Winter | | |
| 20/21-inch FA: 245/35 R 20 95V XL RA: 315/30 R 21 105V XL | FA: 8.5J x 20, RO 40 RA: 11.5J x 21, RO 62 | 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 79 (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



911 Carrera Exclusive Design

20/21-inch "Turbo S5 Design Wheel"

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

Part No. 992.601.025.EF_FFF

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

Part No. 992.601.025.GP_FFF



Turbo S5 Design wheel

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



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 light-weight 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 light-weight 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

20/21-inch "Turbo S5" wheel

FA: 9.5J x 20, RO 44 (summer)
Part No. 992.601.025.GL_FFF

RA: 12J x 21, RO 63 (summer)
Part No. 992.601.025.HC_FFF

FA: 8.5J x 20, RO 40 (winter)
Part No. 992.601.025.GN_FFF

RA: 11.5J x 21, RO 62 (winter)
Part No. 992.601.025.HE_FFF

only for Turbo, Turbo S



Turbo S5

20/21-inch wheel "TOP EXC Sport Classic"

FA: 9.5J x 20, RO 44 (summer)
Part No. 992.601.025.EB__FFF

RA: 12J x 21, RO 63 (summer)
Part No. 992.601.025.HD__FFF

only for Turbo, Turbo S



TOP EXC Sport Classic

20/21-inch wheel "TOP EXC Design with CFRP trims"

FA: 9.5J x 20, RO 44 (summer)

Part No.:

ASSY: 992.601.075.B/C/D/E/F

Wheel: 992.601.025.FN__FFF

Cover: 992.601.235.D

Screw: WHT.011.546

RA: 12J x 21, RO 63 (summer)

ASSY: 992.601.076.H/J/K/L/M

Wheel: 992.601.025.HB__FFF

RA trim: 992.601.235.E

Screw: WHT.011.546

only for Turbo, Turbo S*TOP EXC design with CFRP panels***20/21-inch - "Manthey OM-4" wheel**

FA: 9.5J x 20, RO 44 (summer)

Part No. 992.044.616.A

RA: 12J x 21, RO 63 (summer)

Part No. 992.044.617.A

only for Turbo, Turbo S*Manthey OM-4***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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Only install wheels with identical part numbers on each axle.

Wheel
Mounting:

Using wheel bolts:

Tightening torque 160 Nm (118 ftlb.)

Using central wheel lock:

Tightening torque 600 Nm (442.5 ftlb.)

Summer Tires:

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

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| Tire size | Tire make and type / Label value (link to EU database) |
|--|--|
| 911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS | |
| WITH hybrid engine | |
| FA: 245/35 ZR 20 (95Y) XL RA: 315/30 ZR 21 (105Y) XL | Pirelli PZero R NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1417986 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1790585 |
| | Goodyear EAGLE F1 SuperSport R NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1608128 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1608129 |

| Tire size | Tire make and type / Label value (link to EU database) |
|---|--|
| 911 Carrera Turbo S | |
| WITH hybrid engine | |
| FA: 255/35 ZR 20 (97Y) XL RA: 325/30 ZR 21 (108Y) XL | Pirelli PZero R NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1865052 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1865067 |
| | Goodyear Eagle F1 SuperSport R NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/2091612 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/2093910 |

Winter Tires:

| Tire size | Tire make and type / Label value (link to EU database) |
|---|---|
| 911 Carrera / 911 Carrera T / 911 Carrera S | |
| WITHOUT hybrid engine | |
| FA: 235/40 R 19 96V XL RA: 295/35 R 20 105V XL not for 911 Carrera S | Pirelli P Zero Winter 2 NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1973064 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1955871 |

| Tire size | Tire make and type / Label value (link to EU database) |
|---|--|
| 911 Carrera / 911 Carrera T / 911 Carrera S WITHOUT hybrid engine | |
| FA: 245/35 R 20 95V XL RA: 305/30 R 21 104V XL | Goodyear Ultragrip Performance 3 NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/2150488 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/2128506 |
| | Michelin Pilot Alpin 5 NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/2038237 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/2038238 |
| Tire size | Tire make and type / Label value (link to EU database) |
| 911 Carrera GTS / 911 Carrera 4 GTS / 911 Targa 4 GTS WITH hybrid engine | |
| FA: 245/35 R 20 95V XL RA: 305/30 R 21 104V XL | Goodyear Ultragrip Performance 3 NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/2150488 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/2128506 |
| | Michelin Pilot Alpin 5 NA2 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/2038237 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/2038238 |
| Tire size | Tire make and type / Label value (link to EU database) |
| 911 Carrera Turbo S WITH hybrid engine | |
| FA: 245/35 R 20 95V XL RA: 315/30 R 21 105V XL | Goodyear Ultragrip Performance 3 NA6 FA: HTTPS://EPREL.EC.EUROPA.EU/QR/2091610 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/2091613 |
| | Michelin Pilot Alpin 5 NA6 FA: HTTP://EPREL.EC.EUROPA.EU/QR/2241792 RA: HTTP://EPREL.EC.EUROPA.EU/QR/2241790 |

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

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.



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

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.



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**

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.

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 (168 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 (168 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 S | | | | | | |
| C2S Coupé / C4S Coupé | | | | | | |
| Tire size | Wheel size | Axle | Part load | Full load | Part load, comfort air pressure up to 270 km/h (168 mph) | Full load, comfort air pressure up to 270 km/h (168 mph) |
| 245/35 ZR 20 | 8.5J x 20 | FA | 2.3 bar (33 psi) | 2.5 bar (36 psi) | 2.0 bar (29 psi) | 2.3 bar (33 psi) |
| 305/30 ZR 21 | 11.5J x 21 | RA | 2.6 bar (37 psi) | 3.1 bar (45 psi) | 2.2 bar (31 psi) | 2.6 bar (37 psi) |

| Standard tire pressure for summer tires | | | | | | |
|---|------------|------|------------------|------------------|--|--|
| 911 Carrera S | | | | | | |
| C2S Coupé Aerokit / C4S Coupé Aerokit | | | | | | |
| C2S convertible / C4S convertible | | | | | | |
| Tire size | Wheel size | Axle | Part load | Full load | Part load, comfort air pressure up to 270 km/h (168 mph) | Full load, comfort air pressure up to 270 km/h (168 mph) |
| 245/35 ZR 20 | 8.5J x 20 | FA | 2.3 bar (33 psi) | 2.5 bar (36 psi) | 2.0 bar ((29 psi)) | 2.3 bar (33 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) | 2.7 bar (39 psi) |

| Standard tire pressure for summer tires | | | | | | |
|---|------------|------|------------------|------------------|--|--|
| 911 Carrera S | | | | | | |
| C4S Targa | | | | | | |
| Tire size | Wheel size | Axle | Part load | Full load | Part load, comfort air pressure up to 270 km/h (168 mph) | Full load, comfort air pressure up to 270 km/h (168 mph) |
| 245/35 ZR 20 | 8.5J x 20 | FA | 2.3 bar (33 psi) | 2.5 bar (36 psi) | 2.0 bar ((29 psi)) | 2.3 bar (33 psi) |
| 305/30 ZR 21 | 11.5J x 21 | RA | 2.8 bar (41 psi) | 3.2 bar (46 psi) | 2.2 bar (31 psi) | 2.8 bar (41 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 (168 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 summer tires | | | | | |
|---|------------|------|---------------------|---------------------|--|
| 911 Turbo S | | | | | |
| Tire size | Wheel size | Axle | Part load | Full load | Part load, comfort air pressure up to 270 km/h (168 mph) |
| 255/35 ZR 20 | 9.5J x 20 | FA | 2.3 bar (33 psi) | 2.6 bar (37 psi) | 2.0 bar (29 psi) |
| 325/30 ZR 21 | 12J x 21 | RA | 2.7 bar (39 psi) | 3.1 bar (45 psi) | 2.3 bar (33 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) |
| 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 S | | | | |
| Tire size | Wheel size | Axle | Part load | Full load |
| 245/35 R 20 | 8.5J x 20 | FA | 2.2 bar (31 psi) | 2.3 bar (33 psi) |
| 305/30 R 21 | 11J x 21 | RA | 2.4 bar 35 psi | 2.7 bar (39 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) |

| Standard tire pressure for winter tires | | | | |
|---|------------|------|---------------------|---------------------|
| 911 Turbo S | | | | |
| Tire size | Wheel size | Axle | Part load | Full load |
| 245/35 R 20 | 8.5J x 20 | FA | 2.2 bar (31 psi) | 2.5 bar (36 psi) |
| 315/30 R 21 | 11.5J x 21 | RA | 2.5 bar (36 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 TEQUIPMENT accessory finder on the Internet).**
- ⇒ **Observe country-specific regulations.**

Porsche offers the following snow chains as accessories:

| Snow chain overview | | | |
|---------------------|----------------------------------|-----------------------------------|-----------------------------------|
| | 19/20-inch (295/35 R 20) | 20/21-inch (305/30 R 21) | 20/21-inch (315/30 R 21) |
| GTS | — | 992.044.690.A Link-type chain | — |
| Basic, T | 992.044.690.A Link-type chain | 992.044.690.C Quick-lock chain | — |
| S | — | | — |
| Turbo S | — | — | 992.044.690.B 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.
 - 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.

- General Information:
- 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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