

Approved Wheels and Tires (25/18)

Revision: This bulletin replaces bulletin Group 4, #8/17 dated November 20, 2017.

Model Year: **As of 2017**

Vehicle Type: **All Panamera models**

Information: This bulletin contains information regarding:

- technically permissible wheel/tire combinations,
- measures that may be required when changing the wheel/tire combination installed at the factory,
- approved original Porsche alloy wheels and
- approved summer, all-season and winter tires and their tire pressures.

Concern: Approval status: July 2018

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

Tires	Tire sizes	Wheel sizes	Snow chains
Panamera, Panamera 4, Panamera 4 Executive, Panamera 4S, Panamera 4S Executive, Panamera 4 E-Hybrid, Panamera 4 E-Hybrid Executive			
Summer	FA: 265/45 ZR 19 (105Y) XL RA: 295/40 ZR 19 (108Y) XL	FA: 9 J x 19 H2, RO 64 RA: 10.5 J x 19 H2, RO 62	No
	FA: 275/40 ZR 20 (106Y) XL RA: 315/35 ZR 20 (110Y) XL	FA: 9.5 J x 20 H2, RO 71 RA: 11.5 J x 20 H2, RO 68	No
	FA: 275/35 ZR 21 (103Y) XL RA: 315/30 ZR 21 (105Y) XL	FA: 9.5 J x 21 H2, RO 71 RA: 11.5 J x 21 H2, RO 69	No
Winter	FA: 265/45 R 19 105V XL M+S RA: 295/40 R 19 108V XL M+S	FA: 9 J x 19 H2, RO 64 RA: 10.5 J x 19 H2, RO 62	RA only
	FA: 275/40 R 20 106V XL M+S RA: 315/35 R 20 110V XL M+S	FA: 9.5 J x 20 H2, RO 71 RA: 10.5 J x 20 H2, RO 71	RA only
	FA: 275/35 R 21 103V XL M+S RA: 315/30 R 21 105V XL M+S	FA: 9.5 J x 21 H2, RO 71 RA: 10.5 J x 21 H2, RO 71	RA only
All-season	FA: 275/40 R 20 106V XL M+S RA: 315/35 R 20 110V XL M+S	FA: 9.5 J x 20 H2, RO 71 RA: 11.5 J x 20 H2, RO 68	No
	FA: 275/35 R 21 103V XL M+S RA: 315/30 R 21 105V XL M+S	FA: 9.5 J x 21 H2, RO 71 RA: 11.5 J x 21 H2, RO 69	No

Tires	Tire sizes	Wheel sizes	Snow chains
Panamera Turbo, Panamera Turbo Executive			
Summer	FA: 275/40 ZR 20 (106Y) XL RA: 315/35 ZR 20 (110Y) XL	FA: 9.5 J x 20 H2, RO 71 RA: 11.5 J x 20 H2, RO 68	No
	FA: 275/35 ZR 21 (103Y) XL RA: 315/30 ZR 21 (105Y) XL	FA: 9.5 J x 21 H2, RO 71 RA: 11.5 J x 21 H2, RO 69	No
Winter	FA: 275/40 R 20 106V XL M+S RA: 315/35 R 20 110V XL M+S	FA: 9.5 J x 20 H2, RO 71 RA: 10.5 J x 20 H2, RO 71	RA only
	FA: 275/35 R 21 103V XL M+S RA: 315/30 R 21 105V XL M+S	FA: 9.5 J x 21 H2, RO 71 RA: 10.5 J x 21 H2, RO 71	RA only
All-season	FA: 275/40 R 20 106V XL M+S RA: 315/35 R 20 110V XL M+S	FA: 9.5 J x 20 H2, RO 71 RA: 11.5 J x 20 H2, RO 68	No
	FA: 275/35 R 21 103V XL M+S RA: 315/30 R 21 105V XL M+S	FA: 9.5 J x 21 H2, RO 71 RA: 11.5 J x 21 H2, RO 69	No
Panamera Turbo S E-Hybrid, Panamera Turbo S E-Hybrid Executive			
Summer	FA: 275/35 ZR 21 (103Y) XL RA: 325/30 ZR 21 (108Y) XL	FA: 9.5 J x 21 H2, RO 71 RA: 11.5 J x 21 H2, RO 69	No
	FA: 275/35 ZR 21 (103Y) XL RA: 315/30 ZR 21 (105Y) XL	FA: 9.5 J x 21 H2, RO 71 RA: 11.5 J x 21 H2, RO 69	No
Winter	FA: 275/35 R 21 (103V) XL RA: 315/30 R 21 (105V) XL	FA: 9.5 J x 21 H2, RO 71 RA: 10.5 J x 21 H2, RO 71	RA only
	FA: 275/40 R 20 (106V) XL M+S RA: 315/35 R 20 (110V) XL M+S	FA: 9.5 J x 20 H2, RO 71 RA: 10.5 J x 20 H2, RO 71	RA only
All-season	FA: 275/35 R 21 (103V) XL RA: 315/30 R 21 (105V) XL	FA: 9.5 J x 21 H2, RO 71 RA: 11.5 J x 21 H2, RO 69	No

Wheels:

Overview of Porsche wheels for summer, winter and all-season tires

Identification on inside of wheel:

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

19-inch "Panamera" wheel

FA: 9 J x 19 H2, RO 64
Part No. 971.601.025_FFF

RA: 10.5 J x 19 H2, RO 62
Part No. 971.601.025.F_FFF



19-inch Panamera wheel

19-inch "Panamera S" wheel

FA: 9 J x 19 H2, RO 64
Part No. 971.601.025.A_FFF

RA: 10.5 J x 19 H2, RO 62
Part No. 971.601.025.G_FFF



19-inch Panamera S wheel

20-inch "Panamera Turbo" wheel

FA: 9.5 J x 20 H2, RO 71

Part No. 971.601.025.B_FFF

RA Summer: 11.5 J x 20 H2, RO 68

Part No. 971.601.025.H_FFF

RA Winter: 10.5 J x 20 H2, RO 71

Part No. 971.698.025_FFF

*20-inch Panamera Turbo wheel***20-inch "Panamera Design" wheel**

FA: 9.5 J x 20 H2, RO 71

Part No. 971.601.025.C_FFF

RA Summer: 11.5 J x 20 H2, RO 68

Part No. 971.601.025.J_FFF

*20-inch Panamera Design wheel***20-inch "Exclusive Design" wheel**

FA Winter: 9.5 J x 20 H2, RO 71

Part No. 971.698.025.B_FFF

RA Winter: 10.5 J x 20 H2, RO 71

Part No. 971.698.025.C_FFF

*20-inch Exclusive Design wheel*

21-inch "Panamera Sport Design" wheel

FA: 9.5 J x 21 H2, RO 71

Part Nos.:

971.601.025.D_FFF (BBS)

971.601.029.D_FFF (Riedel)

RA Summer: 11.5 J x 21 H2, RO 69

Part Nos.:

971.601.025.K_FFF (BBS)

971.601.029.K_FFF (Riedel)

RA Winter: 10.5 J x 21 H2, RO 71

Part No. 971.698.025.A_FFF (BBS)



21-inch Panamera SportDesign wheel

21-inch "911 Turbo Design" wheel

FA: 9.5 J x 21 H2, RO 71

Part Nos.:

971.601.025.AB_FFF (Super Alloy, Dou-Liu City)

971.601.025.AH (Super Alloy, Loßburg)

971.601.025.AD_FFF (Fuchs)

RA Summer: 11.5 J x 21 H2, RO 69

Part Nos.:

971.601.025.AC_FFF (Super Alloy, Dou-Liu City)

971.601.025.AJ_FFF (Super Alloy, Loßburg)

971.601.025.AE_FFF (Fuchs)



21-inch 911 Turbo Design wheel

21-inch "Exclusive Design" wheel

FA Summer: 9.5 J x 21 H2, RO 71

Part Nos.:

971.601.025.M_FFF (BBS)

971.601.029.M_FFF (Riedel)

RA Summer: 11.5 J x 21 H2, RO 69

Part Nos.:

971.601.025.N_FFF (BBS)

971.601.029.N_FFF (Riedel)



21-inch Exclusive Design 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 centering clamping set for balancing.

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

Never use solvents or other chemical substances on tires.

**Information**

Only fit wheels with identical part numbers on one axle.

Wheel
Mounting:

Tightening torque 160 Nm (118 ftlb.)

**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 (NO, N1, N2, ...) on a vehicle.**

Summer Tires:

Model	Tire sizes	Tire make and type
Panamera, Panamera 4, Panamera 4 Executive,	FA: 265/45 ZR 19 (105Y) XL RA: 295/40 ZR 19 (108Y) XL	Michelin Pilot Sport 4 NO (Inside/Outside)
		Goodyear Eagle F1 Asymmetric 3 NO (Inside/Outside)
Panamera 4S, Panamera 4S Executive,	FA: 275/40 ZR 20 (106Y) XL RA: 315/35 ZR 20 (110Y) XL	Michelin Pilot Sport 4 NO (Inside/Outside) (Noise Cancelling)
Panamera 4 E-Hybrid, Panamera 4 E-Hybrid Executive	FA: 275/35 ZR 21 (103Y) XL RA: 315/30 ZR 21 (105Y) XL	Pirelli P Zero N1 (Inside/Outside) (Noise Cancelling)
		Continental ContiSportContact 5 P NO (Inside/Outside) (Noise Cancelling)

Model	Tire sizes	Tire make and type
Panamera Turbo, Panamera Turbo Executive	FA: 275/40 ZR 20 (106Y) XL RA: 315/35 ZR 20 (110Y) XL	Michelin Pilot Sport 4 NO (Inside/Outside) (Noise Cancelling)
	FA: 275/35 ZR 21 (103Y) XL RA: 315/30 ZR 21 (105Y) XL	Pirelli P Zero N1 (Inside/Outside) (Noise Cancelling)
		Continental ContiSportContact 5 P NO (Inside/Outside) (Noise Cancelling)
Panamera Turbo S E-Hybrid, Panamera Turbo S E-Hybrid Executive	FA: 275/35 ZR 21 (103Y) XL RA: 315/30 ZR 21 (105Y) XL - Only for c-option C33 (China)	Pirelli P Zero N1 (Inside/Outside) (Noise Cancelling)
		Continental ContiSportContact 5 P NO (Inside/Outside) (Noise Cancelling)
	FA: 275/35 ZR 21 (103Y) XL RA: 325/30 ZR 21 (108Y) XL	Michelin Pilot Sport 4 NO (Inside/Outside) (Noise Cancelling)
		Pirelli P Zero N1 (Inside/Outside) (Noise Cancelling)

Winter Tires:

Model	Tire sizes	Tire make and type
Panamera, Panamera 4, Panamera 4 Executive, Panamera 4S, Panamera 4S Executive, Panamera 4 E-Hybrid, Panamera 4 E-Hybrid Executive	FA: 265/45 R 19 105V XL RA: 295/40 R 19 108V XL	Michelin Pilot Alpin PA4 NO (Rotation)
		Continental ContiWinterContact TS 830 P NO (Inside/Outside)
	FA: 275/40 R 20 106V XL RA: 315/35 R 20 110V XL	Michelin Pilot Alpin PA4 NO (Rotation)
		FA: 275/35 R 21 103V XL and RA: 315/30 R 21 105V XL
Panamera Turbo, Panamera Turbo Executive	FA: 275/40 R 20 106V XL RA: 315/35 R 20 110V XL	Michelin Pilot Alpin PA4 NO (Rotation)
	FA: 275/35 R 21 103V XL and RA: 315/30 R 21 105V XL	Pirelli Winter Sottozero III NO (Rotation)
Panamera Turbo S E-Hybrid, Panamera Turbo S E-Hybrid Executive	FA: 275/40 ZR 20 (106Y) XL RA: 315/35 ZR 20 (110Y) XL	Michelin Alpin PA4 NO
	FA: 275/35 ZR 21 (103Y) XL RA: 315/30 ZR 21 (105Y) XL	Pirelli Winter Sottozero III NO (Inside/Outside)

All-Season
Tires:

Model	Tire sizes	Tire make and type
Panamera, Panamera 4, Panamera 4 Executive, Panamera 4S, Panamera 4S Executive, Panamera 4 E-Hybrid, Panamera 4 E-Hybrid Executive, Panamera Turbo, Panamera Turbo Executive, Panamera Turbo S E-Hybrid, Panamera Turbo S E-Hybrid Executive	FA: 275/40 R 20 106V XL RA: 315/35 R 20 110V XL	Michelin Pilot Sport A/S 3 NO (Rotation)
	FA: 275/35 R 21 103V XL and RA: 315/30 R 21 105V XL	Pirelli Cinturato P7 All Season NO (Inside/Outside)



Information

N... = Specification code of the tire, e.g. "N0", "N1", "N2" ... The complete "N ..." code of the tires in question must be shown on the tire sidewall near the tire 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.

- Arrow with inscription "Rotation" = directional mounting
- "Inside/Outside" inscription or "Left" or "Right" = mounting on specified side only
- Arrow with both inscriptions "Rotation" and "Inside/Outside" = directional mounting on specified side only.
- Arrow with both inscriptions "Rotation" and "Left" or "Right" = directional mounting on specified side only.



Information

If a tire is damaged and it is not possible to determine with absolute certainty that there is no ply damage - with all of its consequences - or if the tire was thermally and/or mechanically overloaded due to a loss of pressure or other prior damage, replace the tire in question for safety reasons.

Repairs to "V", "W", "Y" and "ZR" tires are not permissible, as well as the use of inner tubes in tubeless tires. Please inform your customers accordingly. It is advisable to mount winter tires at temperatures below **45° F/7°C**, because the driving characteristics of summer tires are reduced at low temperatures. Extremely low temperatures can cause permanent damage to summer tires.



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. Replace tires that are more than 6 years old.**
- ⇒ **Perform visual inspections.**
- ⇒ **Use only tires recommended by Porsche.**

Tire Pressure:



Information

The tire pressure applies only to the tire makes and types approved by Porsche, and is specified for cold tires (approx. **68° F/20°C**). The tire pressures must never be lower than the specified values.

Standard tire pressure

Panamera, Panamera 4	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch summer tires	2.3 bar (33 psi)	2.1 bar (30 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
20-inch summer tires	2.3 bar (33 psi)	2.0 bar (30 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
21-inch summer tires	2.2 bar (32 psi)	2.7 bar (39 psi)	2.4 bar (35 psi)	2.8 bar (41 psi)
20-inch All-season tires	2.3 bar (33 psi)	2.2 bar (32 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.5 bar (36 psi)	2.7 bar (39 psi)	2.5 bar (36 psi)	3.0 bar (44 psi)

Panamera, Panamera 4	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch winter tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
20-inch winter tires	2.3 bar (33 psi)	2.2 bar (32 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch winter tires	2.5 bar (36 psi)	2.7 bar (39 psi)	2.5 bar (36 psi)	3.0 bar (44 psi)

Panamera 4 Executive	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch summer tires	2.3 bar (33 psi)	2.1 bar (30 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
20-inch summer tires	2.3 bar (33 psi)	2.0 bar (30 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
21-inch summer tires	2.3 bar (33 psi)	2.7 bar (39 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
20-inch All-season tires	2.2 bar (32 psi)	2.2 bar (32 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.4 bar (35 psi)	2.7 bar (39 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
19-inch winter tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
20-inch winter tires	2.3 bar (33 psi)	2.2 bar (32 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
21-inch winter tires	2.4 bar (35 psi)	2.3 bar (33 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)

Panamera 4 Sport Turismo (2 rear seats)	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch summer tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
20-inch summer tires	2.3 bar (33 psi)	2.1 bar (30 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
21-inch summer tires	2.3 bar (33 psi)	2.5 bar (36 psi)	2.4 bar (35 psi)	2.8 bar (41 psi)

Panamera 4 Sport Turismo (2 rear seats)	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
20-inch All-season tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.5 bar (36 psi)	2.8 bar (41 psi)	2.6 bar (38 psi)	3.0 bar (44 psi)
19-inch winter tires	2.3 bar (33 psi)	2.5 bar (36 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
20-inch winter tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch winter tires	2.5 bar (36 psi)	2.8 bar (41 psi)	2.6 bar (38 psi)	3.0 bar (44 psi)

Panamera 4 Sport Turismo (3 rear seats)	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch summer tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
20-inch summer tires	2.3 bar (33 psi)	2.1 bar (30 psi)	2.3 bar (33 psi)	2.7 bar (39 psi)
21-inch summer tires	2.3 bar (33 psi)	2.7 bar (39 psi)	2.4 bar (35 psi)	2.9 bar (42 psi)
20-inch All-season tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.5 bar (36 psi)	2.8 bar (41 psi)	2.6 bar (38 psi)	3.2 bar (46 psi)
19-inch winter tires	2.3 bar (33 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.9 bar (42 psi)
20-inch winter tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch winter tires	2.5 bar (36 psi)	2.8 bar (41 psi)	2.6 bar (38 psi)	3.2 bar (46 psi)

Panamera 4 E-Hybrid, Panamera 4 E-Hybrid Sport Turismo (2 rear seats)	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch summer tires	2.3 bar (33 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)	2.9 bar (42 psi)
20-inch summer tires	2.3 bar (33 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
21-inch summer tires	2.5 bar (36 psi)	2.9 bar (42 psi)	2.7 bar (39 psi)	3.2 bar (46 psi)
20-inch All-season tires	2.3 bar (33 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.5 bar (36 psi)	2.9 bar (42 psi)	2.7 bar (39 psi)	3.2 bar (46 psi)
19-inch winter tires	2.4 bar (35 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)	2.9 bar (42 psi)
20-inch winter tires	2.3 bar (33 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
21-inch winter tires	2.5 bar (36 psi)	2.9 bar (42 psi)	2.7 bar (39 psi)	3.2 bar (46 psi)

Panamera 4 E-Hybrid Executive, Panamera 4 E-Hybrid Sport Turismo (3 rear seats)	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch summer tires	2.4 bar (35 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)	3.0 bar (44 psi)
20-inch summer tires	2.4 bar (35 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.8 bar (41 psi)
21-inch summer tires	2.6 bar (38 psi)	2.9 bar (42 psi)	2.8 bar (41 psi)	3.2 bar (46 psi)
20-inch All-season tires	2.4 bar (35 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.8 bar (41 psi)

Panamera 4 E-Hybrid Executive, Panamera 4 E-Hybrid Sport Turismo (3 rear seats)	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
21-inch All-season tires	2.6 bar (38 psi)	2.9 bar (42 psi)	2.8 bar (41 psi)	3.3 bar (48 psi)
19-inch winter tires	2.4 bar (35 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)	3.0 bar (44 psi)
20-inch winter tires	2.4 bar (35 psi)	2.5 bar (36 psi)	2.5 bar (36 psi)	2.8 bar (41 psi)
21-inch winter tires	2.6 bar (38 psi)	2.9 bar (42 psi)	2.8 bar (41 psi)	3.3 bar (48 psi)

Panamera 4S	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch summer tires	2.4 bar (35 psi)	2.5 bar (36 psi)	2.6 bar (38 psi)	3.0 bar (44 psi)
20-inch summer tires	2.3 bar (33 psi)	2.4 bar (35 psi)	2.5 bar (36 psi)	2.8 bar (41 psi)
21-inch summer tires	2.5 bar (36 psi)	2.8 bar (41 psi)	2.8 bar (41 psi)	3.3 bar (48 psi)
20-inch All-season tires	2.2 bar (32 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.4 bar (35 psi)	2.7 bar (39 psi)	2.6 bar (38 psi)	3.1 bar (45 psi)
19-inch winter tires	2.3 bar (33 psi)	2.4 bar (35 psi)	2.4 bar (35 psi)	2.8 bar (41 psi)
20-inch winter tires	2.2 bar (32 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch winter tires	2.4 bar (35 psi)	2.7 bar (39 psi)	2.6 bar (38 psi)	3.1 bar (45 psi)

Panamera 4S Executive, Panamera 4S Sport Turismo (2 rear seats), Panamera 4S Sport Turismo (3 rear seats)	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
19-inch summer tires	2.5 bar (36 psi)	2.4 bar (35 psi)	2.6 bar (38 psi)	2.8 bar (41 psi)
20-inch summer tires	2.4 bar (35 psi)	2.3 bar (33 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
21-inch summer tires	2.7 bar (39 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)	3.1 bar (45 psi)
20-inch All-season tires	2.3 bar (33 psi)	2.2 bar (31 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.5 bar (36 psi)	2.7 bar (39 psi)	2.6 bar (38 psi)	2.9 bar (42 psi)
19-inch winter tires	2.3 bar (33 psi)	2.3 bar (33 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
20-inch winter tires	2.3 bar (33 psi)	2.2 bar (31 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
21-inch winter tires	2.5 bar (36 psi)	2.5 bar (36 psi)	2.6 bar (38 psi)	2.9 bar (42 psi)

Panamera Turbo, Panamera Turbo Executive	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
20-inch summer tires	2.8 bar (41 psi)	2.4 bar (35 psi)	2.9 bar (42 psi)	2.8 bar (41 psi)
21-inch summer tires	3.1 bar (45 psi)	2.8 bar (41 psi)	3.2 bar (46 psi)	3.3 bar (48 psi)
20-inch All-season tires	2.4 bar (35 psi)	2.2 bar (32 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.7 bar (39 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)	2.9 bar (42 psi)

Panamera Turbo, Panamera Turbo Executive	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
20-inch winter tires	2.4 bar (35 psi)	2.2 bar (32 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
21-inch winter tires	2.7 bar (39 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)	2.9 bar (42 psi)

Panamera Turbo Sport Turismo	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
20-inch summer tires	2.7 bar (39 psi)	2.5 bar (36 psi)	2.9 bar (42 psi)	2.9 bar (42 psi)
21-inch summer tires	3.0 bar (44 psi)	2.9 bar (42 psi)	3.4 bar (49 psi)	3.2 bar (46 psi)
20-inch All-season tires	2.4 bar (35 psi)	2.2 bar (32 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
21-inch All-season tires	2.6 bar (38 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)	2.9 bar (42 psi)
20-inch winter tires	2.4 bar (35 psi)	2.2 bar (32 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)
21-inch winter tires	2.6 bar (38 psi)	2.5 bar (36 psi)	2.8 bar (41 psi)	2.9 bar (42 psi)

Panamera Turbo S E-Hybrid, Panamera Turbo S E-Hybrid Executive, Panamera Turbo S E-Hybrid Sport Turismo	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
21-inch summer tires	3.2 bar (46 psi)	3.2 bar (46 psi)	3.4 bar (49 psi)	3.4 bar (49 psi)
20-inch All-season tires	2.5 bar (36 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)

Panamera Turbo S E-Hybrid, Panamera Turbo S E-Hybrid Executive, Panamera Turbo S E-Hybrid Sport Turismo	Part load		Full load	
	Front axle	Rear axle	Front axle	Rear axle
21-inch All-season tires	2.8 bar (41 psi)	3.0 bar (44 psi)	3.0 bar (44 psi)	3.3 bar (48 psi)
20-inch winter tires	2.5 bar (36 psi)	2.5 bar (36 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)
21-inch winter tires	2.8 bar (41 psi)	3.0 bar (44 psi)	3.0 bar (44 psi)	3.3 bar (48 psi)

 **WARNING**
Driving at high speed with low tire pressure

- Irreparable damage to tires
- ⇒ Set Comfort air pressure for tires only on vehicles with Tire Pressure Monitoring (TPM) and "Comfort" selected in the "Tire pressure" main menu in the multi-function display.

**Information**

The permitted speed threshold for Comfort tire pressure depends on the vehicle's country equipment (c-option) and cannot be selected.

Comfort tire pressure up to 100 mph (160 km/h):

Comfort tire pressure up to 100 mph (160 km/h)

For vehicles with "Comfort pressure" selected in the Tire Pressure Monitoring (TPM) system and speed threshold "100 mph (160 km/h)".

All Panamera models	Front axle	Rear axle
19-inch summer tires	2.0 bar (30 psi)	2.0 bar (30 psi)
20-inch summer tires	2.0 bar (30 psi)	2.0 bar (30 psi)

All Panamera models	Front axle	Rear axle
21-inch summer tires	2.3 bar (33 psi)	2.3 bar (33 psi)
All-season/Winter tires	2.2 bar (32 psi)	2.2 bar (32 psi)



WARNING

Incorrectly installed snow chains

- **Uncontrollable vehicle handling**
- ⇒ **Do not exceed the maximum speed of Speed 30 mph/50 km/h.**
- ⇒ **Observe installation instructions from the chain manufacturer.**

Snow Chains: Porsche offers the following snow chains as accessories:

Tire size	Porsche Part No.
295/40 R 19 M+S	971.044.690.A
315/35 R 20 M+S	971.044.690.B
315/30 R 21 M+S	971.044.690.B

Snow-chain clearance is only guaranteed for the tires specified above. Can only be fitted on the rear wheels.

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 wheels can be stacked for storage; we recommend that you increase the tire pressure by approx. 6 psi (0.4 bar).

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 Info: 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. Refer to notes on page 1 (if applicable).

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.

If new tires are to be mounted or the tires of one axle are to be replaced, tires of the same make, the same 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 by more than 30 %.

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 on "ZR" tires are not permissible, as is the use of inner tubes in tubeless tires. 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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