

**Approved Tires, Wheels and Spacers (39/21)**



**Information**

Self-sealing tires differ from conventional tires in that they have a self-adhesive, viscous layer that covers the inside of the tire from shoulder to shoulder. If a foreign object with a diameter of up to 5 mm penetrates the tread of a self-sealing tire, this layer closes in around the foreign object and prevents any air loss by immediately sealing the area. If the foreign object becomes dislodged from the tire, the self-adhesive viscous layer is designed to seal most puncture channels caused by foreign object with a diameter of up to 5 mm.

It is not intended as a permanent tire repair solution following a puncture and is not designed to allow tires to be driven under-inflated or flat.

- Regularly check self-sealing tires – just like any other tires – for signs of cuts, punctures and loss of tire pressure.
- Carefully remove foreign object from the tread.
- Replace damaged tires.

Revision: This bulletin replaces bulletin Group 4 15/14, dated September 4, 2014.

Model Year: **As of 2010 up to 2013**

Vehicle Type: **All Panamera models**

Information: Approval status: May 2021



**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/ label value (link to EU database)
Panamera, Panamera 4, Panamera S, Panamera 4S, Panamera S Hybrid	245/50 ZR 18 (100Y) and 275/45 ZR 18 (103Y)  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	Continental SportContact 5 P N1 (Inside/Outside)  FA/RA: Data currently not available
		Pirelli P Zero N0 (Inside/Outside)  FA/RA: Data currently not available
		Pirelli P Zero N1 (Inside/Outside)  FA/RA: Data currently not available
	255/45 ZR 19 (100Y) and 285/40 ZR 19 (103Y)	Continental SportContact 3 N0 (Inside/Outside)  FA/RA: Data currently not available
		Goodyear Eagle F1 Asymmetric N0 (Inside/Outside)  FA/RA: Data currently not available
		Michelin Pilot Sport 2 N0 (Inside/Outside)  FA/RA: Data currently not available
		Michelin Pilot Super Sport N0 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/411772">https://eprel.ec.europa.eu/qr/411772</a> RA: <a href="https://eprel.ec.europa.eu/qr/409257">https://eprel.ec.europa.eu/qr/409257</a>
		Pirelli P Zero N0 (Inside/Outside)  FA/RA: Data currently not available
		Pirelli P Zero N1 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/594698">https://eprel.ec.europa.eu/qr/594698</a> RA: <a href="https://eprel.ec.europa.eu/qr/594697">https://eprel.ec.europa.eu/qr/594697</a>
		255/40 ZR 20 (101Y) XL and

Model	Tire sizes	Tire make and type/ label value (link to EU database)
	295/35 ZR 20 (105Y) XL	RA: <a href="https://eprel.ec.europa.eu/qr/481473">https://eprel.ec.europa.eu/qr/481473</a>
		Michelin Pilot Sport 2 N0 (Inside/Outside) FA/RA: Data currently not available
		Michelin Pilot Super Sport N0 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/408867">https://eprel.ec.europa.eu/qr/408867</a> RA: <a href="https://eprel.ec.europa.eu/qr/410367">https://eprel.ec.europa.eu/qr/410367</a>
		Michelin Pilot Super Sport N1 (Inside/Outside) FA/RA: Data currently not available
		Pirelli P Zero N0 (Inside/Outside) FA/RA: Data currently not available
		Pirelli P Zero N1 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/594696">https://eprel.ec.europa.eu/qr/594696</a> RA: <a href="https://eprel.ec.europa.eu/qr/594695">https://eprel.ec.europa.eu/qr/594695</a>
		Yokohama Advan Sport N0 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/632933">https://eprel.ec.europa.eu/qr/632933</a> RA: <a href="https://eprel.ec.europa.eu/qr/631865">https://eprel.ec.europa.eu/qr/631865</a>
		<b>Panamera GTS, Panamera Turbo, Panamera Turbo S</b>  255/45 ZR 19 (100Y) and 285/40 ZR 19 (103Y)  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)
Goodyear Eagle F1 Asymmetric N0 (Inside/Outside) FA/RA: Data currently not available		
Michelin Pilot Sport 2 N0 (Inside/Outside) FA/RA: Data currently not available		

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Panamera (970)

4400 ENU 39/21

## Manufacturer's Certificate

Model	Tire sizes	Tire make and type/ label value (link to EU database)
		Michelin Pilot Super Sport N0 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/411772">https://eprel.ec.europa.eu/qr/411772</a> RA: <a href="https://eprel.ec.europa.eu/qr/409257">https://eprel.ec.europa.eu/qr/409257</a>
		Pirelli P Zero N0 (Inside/Outside) FA/RA: Data currently not available
		Pirelli P Zero N1 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/594698">https://eprel.ec.europa.eu/qr/594698</a> RA: <a href="https://eprel.ec.europa.eu/qr/594697">https://eprel.ec.europa.eu/qr/594697</a>
	255/40 ZR 20 (101Y) XL and 295/35 ZR 20 (105Y) XL	Continental SportContact 5 P N0 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/482710">https://eprel.ec.europa.eu/qr/482710</a> RA: <a href="https://eprel.ec.europa.eu/qr/481473">https://eprel.ec.europa.eu/qr/481473</a>
		Michelin Pilot Sport 2 N0 (Inside/Outside) FA/RA: Data currently not available
		Michelin Pilot Super Sport N0 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/408867">https://eprel.ec.europa.eu/qr/408867</a> RA: <a href="https://eprel.ec.europa.eu/qr/410367">https://eprel.ec.europa.eu/qr/410367</a>
		Michelin Pilot Super Sport N1 (Inside/Outside) FA/RA: Data currently not available
		Pirelli P Zero N0 (Inside/Outside) FA/RA: Data currently not available
		Pirelli P Zero N1 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/594696">https://eprel.ec.europa.eu/qr/594696</a> RA: <a href="https://eprel.ec.europa.eu/qr/594695">https://eprel.ec.europa.eu/qr/594695</a>
		Yokohama Advan Sport N0

Model	Tire sizes	Tire make and type/ label value (link to EU database)
		(Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/632933">https://eprel.ec.europa.eu/qr/632933</a> RA: <a href="https://eprel.ec.europa.eu/qr/631865">https://eprel.ec.europa.eu/qr/631865</a>

Winter Tires:

Model	Tire sizes	Tire make and type/ label value (link to EU database)
<b>Panamera, Panamera 4, Panamera S, Panamera 4S, Panamera S Hybrid</b>	245/50 R 18 100V M+S and 275/45 R 18 103V M+S  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	Pirelli Winter 240 Sottozero Series II N0 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/594279">https://eprel.ec.europa.eu/qr/594279</a> RA: <a href="https://eprel.ec.europa.eu/qr/594280">https://eprel.ec.europa.eu/qr/594280</a>
	245/50 R 18 104V XL M+S and 275/45 R 18 107V XL M+S  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	Nokian WR G2 N0 (Inside/Outside)  FA/RA: Data currently not available
	255/45 R 19 100V M+S and 285/40 R 19 103V M+S	Continental ContiWinterContact TS830 P N0 (Inside/Outside)  FA/RA: Data currently not available
		Michelin Pilot Alpin 3 N0 (Inside/Outside)  FA/RA: Data currently not available
		Michelin Pilot Alpin 4 N1 (Rotation)  FA: <a href="https://eprel.ec.europa.eu/qr/410568">https://eprel.ec.europa.eu/qr/410568</a> RA: <a href="https://eprel.ec.europa.eu/qr/413042">https://eprel.ec.europa.eu/qr/413042</a>
		Pirelli Winter 240 Sottozero Serie II N0 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/594844">https://eprel.ec.europa.eu/qr/594844</a> RA: <a href="https://eprel.ec.europa.eu/qr/594845">https://eprel.ec.europa.eu/qr/594845</a>

Model	Tire sizes	Tire make and type/ label value (link to EU database)
	255/45 R 19 104V XL M+S and 285/40 R 19 107V XL M+S	Continental WinterContact TS810 N0 (Inside/Outside) FA/RA: Data currently not available
		Continental WinterContact TS830 P N0 (Inside/Outside) FA/RA: Data currently not available
	255/40 R 20 101V XL M+S and 285/35 R 20 104 XL M+S	Continental WinterContact TS810 N0 (Inside/Outside) FA/RA: Data currently not available
		Michelin Pilot Alpin 4 N0 (Rotation) FA: <a href="https://eprel.ec.europa.eu/qr/409055">https://eprel.ec.europa.eu/qr/409055</a> RA: <a href="https://eprel.ec.europa.eu/qr/411083">https://eprel.ec.europa.eu/qr/411083</a>
		Pirelli Winter 240 Sottozero Serie II N0 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/594282">https://eprel.ec.europa.eu/qr/594282</a> RA: <a href="https://eprel.ec.europa.eu/qr/621927">https://eprel.ec.europa.eu/qr/621927</a>
		Pirelli Winter 240 Sottozero Serie II N1 (Inside/Outside) FA: <a href="https://eprel.ec.europa.eu/qr/594846">https://eprel.ec.europa.eu/qr/594846</a> RA: <a href="https://eprel.ec.europa.eu/qr/594847">https://eprel.ec.europa.eu/qr/594847</a>
		Continental ContiWinterContact TS830 P N0 (Inside/Outside) FA/RA: Data currently not available
<b>Panamera GTS, Panamera Turbo, Panamera Turbo S</b>	255/45 R 19 100V M+S and 285/40 R 19 103V M+S  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	Michelin Pilot Alpin 3 N0 (Inside/Outside) FA/RA: Data currently not available
		Michelin Pilot Alpin 4 N1 (Rotation) FA: <a href="https://eprel.ec.europa.eu/qr/410568">https://eprel.ec.europa.eu/qr/410568</a> RA: <a href="https://eprel.ec.europa.eu/qr/413042">https://eprel.ec.europa.eu/qr/413042</a>
		Pirelli Winter 240 Sottozero Serie II N0 (Inside/Outside)

Model	Tire sizes	Tire make and type/ label value (link to EU database)
		FA: <a href="https://eprel.ec.europa.eu/qr/594844">https://eprel.ec.europa.eu/qr/594844</a> RA: <a href="https://eprel.ec.europa.eu/qr/594845">https://eprel.ec.europa.eu/qr/594845</a>
	255/45 R 19 104V XL M+S and 285/40 R 19 107V XL M+S  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	Continental WinterContact TS810 N0 (Inside/Outside)  FA/RA: Data currently not available
	255/40 R 20 101V XL M+S and 285/35 R 20 104 XL M+S	Continental WinterContact TS830 P N0 (Inside/Outside)  FA/RA: Data currently not available
		Continental WinterContact TS810 N0 (Inside/Outside)  FA/RA: Data currently not available
		Michelin Pilot Alpin 4 N0 (Rotation)  FA: <a href="https://eprel.ec.europa.eu/qr/409055">https://eprel.ec.europa.eu/qr/409055</a> RA: <a href="https://eprel.ec.europa.eu/qr/411083">https://eprel.ec.europa.eu/qr/411083</a>
		Pirelli Winter 240 Sottozero Serie II N0 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/594282">https://eprel.ec.europa.eu/qr/594282</a> RA: <a href="https://eprel.ec.europa.eu/qr/621927">https://eprel.ec.europa.eu/qr/621927</a>
		Pirelli Winter 240 Sottozero Serie II N1 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/594846">https://eprel.ec.europa.eu/qr/594846</a> RA: <a href="https://eprel.ec.europa.eu/qr/594847">https://eprel.ec.europa.eu/qr/594847</a>

All-Season

Tires:

Model	Tire sizes	Tire make and type/ label value (link to EU database)
Panamera, Panamera 4, Panamera S, Panamera 4S, Panamera S Hybrid, Panamera GTS, Panamera Turbo, Panamera Turbo S	255/45 R 19 100V M+S and 285/40 R 19 103V M+S  – Not for the Panamera GTS/Turbo/Turbo S with Porsche Ceramic Composite Brake (PCCB)	Continental Pro Contact N0 (Inside/Outside)  FA/RA: Data currently not available
		Continental ContiProContact N1 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/483443">https://eprel.ec.europa.eu/qr/483443</a> RA: <a href="https://eprel.ec.europa.eu/qr/481491">https://eprel.ec.europa.eu/qr/481491</a>
		Goodyear Eagle LS2 N0 (Inside/Outside)  FA/RA: Data currently not available
		Michelin Pilot Sport A/S Plus N0 (Inside/Outside)  FA/RA: Data currently not available
		Michelin Pilot Sport A/S Plus N1 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/408542">https://eprel.ec.europa.eu/qr/408542</a> RA: <a href="https://eprel.ec.europa.eu/qr/409591">https://eprel.ec.europa.eu/qr/409591</a>
		255/40 R 20 101V XL M+S and 295/35 R 20 105V XL M+S
		Pirelli Cinturato P7 All Season N0 (Inside/Outside)  FA: <a href="https://eprel.ec.europa.eu/qr/594496">https://eprel.ec.europa.eu/qr/594496</a> RA: <a href="https://eprel.ec.europa.eu/qr/594497">https://eprel.ec.europa.eu/qr/594497</a>

**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.



### 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 for summer tires

Wheel size	Panamera/Panamera 4				Panamera S/4S/GTS Panamera S Hybrid			
	Part load		Full load		Part load		Full load	
	FA	RA	FA	RA	FA	RA	FA	RA
18-inch wheels <sup>1</sup>	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.9 bar (43 psi)
19-inch wheels	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.9 bar (43 psi)
20-inch wheels	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.5 bar (37 psi)	2.7 bar (40 psi)	2.5 bar (37 psi)	2.8 bar (41 psi)	3.0 bar (44 psi)

<sup>1</sup> Not for the Panamera GTS

Wheel size	Panamera Turbo/Panamera Turbo S			
	Part load		Full load	
	FA	RA	FA	RA
19-inch wheels	2.7 bar (40 psi)	2.5 bar (37 psi)	2.7 bar (40 psi)	2.7 bar (40 psi)
20-inch wheels	2.9 bar (43 psi)	2.5 bar (37 psi)	3.0 bar (44 psi)	3.0 bar (44 psi)

Standard tire pressure for winter and all-season tires

Wheel size	Panamera/Panamera 4				Panamera S/4S/GTS			
	Part load		Full load		Part load		Full load	
	FA	RA	FA	RA	FA	RA	FA	RA
18-inch wheels <sup>2</sup>	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.9 bar (43 psi)
19-inch wheels	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.9 bar (43 psi)
20-inch wheels Winter tires	2.2 bar (32 psi)	2.2 bar (32 psi)	2.3 bar (32 psi)	2.7 bar (40 psi)	2.7 bar (40 psi)	2.5 bar (37 psi)	2.8 bar (41 psi)	3.0 bar (44 psi)
20-inch wheels All-season tires	2.3 bar (34 psi)	2.3 bar (34 psi)	2.3 bar (34 psi)	2.7 bar (40 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.9 bar (43 psi)

<sup>2</sup> Not for the Panamera GTS

Wheel size	Panamera S Hybrid			
	Part load		Full load	
	FA	RA	FA	RA
18-inch wheels	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.9 bar (43 psi)
19-inch wheels	2.5 bar (37 psi)	2.5 bar (37 psi)	2.5 bar (37 psi)	2.9 bar (43 psi)
20-inch wheels Winter tires	2.7 bar (40 psi)	2.5 bar (37 psi)	2.8 bar (41 psi)	3.0 bar (44 psi)

Wheel size	Panamera Turbo/Panamera Turbo S			
	Part load		Full load	
	FA	RA	FA	RA
19-inch wheels	2.7 bar (40 psi)	2.5 bar (37 psi)	2.7 bar (40 psi)	2.7 bar (40 psi)
20-inch wheels Winter tires	2.9 bar (43 psi)	2.5 bar (37 psi)	3.0 bar (44 psi)	3.0 bar (44 psi)
20-inch wheels All-season tires	2.6 bar (38 psi)	2.2 bar (32 psi)	2.7 bar (40 psi)	2.7 bar (40 psi)

**Comfort tire pressure for summer, winter and all-season tires up to 160 km/h (100 mph) – only for vehicles with Tire Pressure Monitoring (TPM) and “Comfort pressure” menu in the multi-function display**

– **Valid for** USA, Canada, Puerto Rico, Japan, Philippines, Taiwan, Vietnam, Brunei, Indonesia, Malaysia, Singapore, Sri Lanka, Thailand, Hong Kong, Australia, New Zealand, China, Mexico, Argentina, Chile, Costa Rica, Curacao, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Columbia, Nicaragua, Panama, Paraguay, Peru, St. Maarten (Dutch Antilles), Uruguay, Venezuela, Brazil, Russia, South Korea, India, Kenya, Pakistan, Barbados, Caiman Islands, St. Lucia, Trinidad

Tire pressure and wheel size		Panamera / Panamera 4 /		Panamera S/4S/GTS Panamera S Hybrid		Panamera Turbo / Panamera Turbo S	
		FA	RA	FA	RA	FA	RA
<b>Summer tires</b>	18-inch wheels <sup>3</sup>	2.0 bar (30 psi)	2.0 bar (30 psi)	2.0 bar (30 psi)	2.0 bar (30 psi)		
	19-inch wheels	2.0 bar (30 psi)	2.0 bar (30 psi)	2.0 bar (30 psi)	2.0 bar (30 psi)	2.0 bar (30 psi)	2.0 bar (30 psi)
	20-inch wheels	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)
<b>Winter tires</b>	18-inch wheels <sup>3</sup>	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)		
	19-inch wheels	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)
	20-inch wheels	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)
<b>All-season tires</b>	19-inch wheels	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)

<sup>3</sup> Not for the Panamera GTS

Sizes:

**Permissible wheel and tire sizes**

**(RO = rim offset in mm, FA = front axle, RA = rear axle)**

The wheel and tire combinations specified here are contained in the EU general certification for type 970, 970H, 970N and 970HN as of e13\*2007/46\*0970\*00, e13\*2007\*46\*1161\*00, e13\*2007\*46\*1143\*00 and e13\*2007/46\*1160\*00.

Tires	Tire sizes	Wheel sizes	Snow chains
<b>Panamera, Panamera 4, Panamera S, Panamera 4S, Panamera S Hybrid</b>			
Summer	FA: 245/50 ZR 18 (100Y) RA: 275/45 ZR 18 (103Y)  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	FA: 8 J x 18 H2, RO 59 RA: 9 J x 18 H2, RO 53	No
	FA: 255/45 ZR 19 (100Y) RA: 285/40 ZR 19 (103Y)	FA: 9 J x 19 H2, RO 60 RA: 10 J x 19 H2, RO 61	No
	FA: 255/40 ZR 20 (101Y) XL RA: 295/35 ZR 20 (105Y) XL	FA: 9.5 J x 20 H2, RO 65 RA: 11 J x 20 H2, RO 68 or RA: 11.5 J x 20 H2, RO 63	No
Winter	FA: 245/50 R 18 100V M+S RA: 275/45 R 18 103V M+S  or FA: 245/50 R 18 104V XL M+S RA: 275/45 R 18 107V XL M+S  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	FA: 8 J x 18 H2, RO 59 RA: 9 J x 18 H2, RO 53	RA only
	FA: 255/45 R 19 100V M+S RA: 285/40 R 19 103V M+S  or FA: 255/45 R 19 104V XL M+S RA: 285/40 R 19 107V XL M+S	FA: 9 J x 19 H2, RO 60 RA: 10 J x 19 H2, RO 61	RA only
	FA: 255/40 R 20 101V XL M+S RA: 285/35 R 20 104V XL M+S	FA: 9.5 J x 20 H2, RO 65 RA: 10.5 J x 20 H2, RO 65	RA only

Tires	Tire sizes	Wheel sizes	Snow chains
All-season	FA: 255/45 R 19 100V M+S RA: 285/40 R 19 103V M+S  or FA: 255/45 R 19 104V XL M+S RA: 285/40 R 19 107V XL M+S rear	FA: 9 J x 19 H2, RO 60 RA: 10 J x 19 H2, RO 61	RA only
	FA: 255/40 R 20 101V XL M+S RA: 295/35 R 20 105V XL M+S	FA: 9.5 J x 20 H2, RO 65 RA: 11 J x 20 H2, RO 68 or RA: 11.5 J x 20 H2, RO 63	No
<b>Panamera GTS, Panamera Turbo, Panamera Turbo S</b>			
Summer	FA: 255/45 ZR 19 (100Y) RA: 285/40 ZR 19 (103Y)  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	FA: 9 J x 19 H2, RO 60 RA: 10 J x 19 H2, RO 61	No
	FA: 255/40 ZR 20 (101Y) XL RA: 295/35 ZR 20 (105Y) XL	FA: 9.5 J x 20 H2, RO 65 RA: 11 J x 20 H2, RO 68 or RA: 11.5 J x 20 H2, RO 63	No
Winter	FA: 255/45 R 19 100V M+S RA: 285/40 R 19 103V M+S  or FA: 255/45 R 19 104V XL M+S RA: 285/40 R 19 107V XL M+S  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	FA: 9 J x 19 H2, RO 60 RA: 10 J x 19 H2, RO 61	RA only
	FA: 255/40 R 20 101V XL M+S RA: 285/35 R 20 104V XL M+S	FA: 9.5 J x 20 H2, RO 65 RA: 10.5 J x 20 H2, RO 65	RA only
All-season	FA: 255/45 R 19 100V M+S RA: 285/40 R 19 103V M+S  – Not for vehicles with Porsche Ceramic Composite Brake (PCCB)	FA: 9 J x 19 H2, RO 60 RA: 10 J x 19 H2, RO 61	RA only
	FA: 255/40 R 20 101V XL M+S RA: 295/35 R 20 105V XL M+S	FA: 9.5 J x 20 H2, RO 65 RA: 11 J x 20 H2, RO 68 or RA: 11.5 J x 20 H2, RO 63	No

Wheel Spacers: The rear axle can be installed with 5-mm wheel spacers, Part No. 970.044.500.00, for the following wheel and tire combinations.

Tire sizes	Wheel sizes
FA: 245/50 ZR 18 (100Y) RA: 275/45 ZR 18 (103Y)	FA: 8 J x 18 H2, RO 59 RA: 9 J x 18 H2, RO 53
FA: 255/45 ZR 19 (100Y) RA: 285/40 ZR 19 (103Y)	FA: 9 J x 19 H2, RO 60 RA: 10 J x 19 H2, RO 61
FA: 255/40 ZR 20 (101Y) XL RA: 295/35 ZR 20 (105Y) XL	FA: 9.5 J x 20 H2, RO 65 RA: 11 J x 20 H2, RO 68

In **model year 2010 (A)**, 5-mm wheel spacers must be used **as of the following vehicle identification numbers** (\_ = placeholder).

Panamera S/4S (USA/Canada)	As of WPOAB2 _7_ AL060167
Panamera Turbo (USA/Canada)	As of WPOAC2 _7_ AL090089

**As of model year 2011 (B)**, 5-mm wheel spacers can be installed **on all vehicles**.

Always read information on installing in ⇒ *Installation and Conversion Instructions '441300 5-mm wheel spacer'*.

## Wheels:

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

Identification on the inside/outside of the wheel disc:

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

**18-inch Panamera wheel**

Front: 8 J x 18 H2, RO 59

Part No. 970.362.136.00/.02 FFF

Rear: 9 J x 18 H2, RO 53

Part No. 970.362.138.00/.02/.04 FFF

**18-inch Panamera S wheel**

Front: 8 J x 18 H2, RO 59

Part No. 970.362.136.01/.03/.33 FFF

Rear: 9 J x 18 H2, RO 53

Part No. 970.362.138.01/.03/.05/.33 FFF

**19-inch Panamera Turbo wheel**

Front: 9 J x 19 H2, RO 60

Part No. 970.362.158.00/.04 FFF

Rear: 10 J x 19 H2, RO 61

Part No. 970.362.160.00/.04/.06 FFF





**19-inch Panamera Turbo II wheel**

Front: 9 J x 19 H2, RO 60  
Part No. 970.362.158.06 FFF  
Rear: 10 J x 19 H2, RO 61  
Part No. 970.362.160.08 FFF



**19-inch Panamera Design wheel**

Front: 9 J x 19 H2, RO 60  
Part No. 970.362.158.01/.05 FFF  
Rear: 10 J x 19 H2, RO 61  
Part No. 970.362.160.01/.05 FFF



**19-inch Panamera Design II wheel**

Front: 9 J x 19 H2, RO 60  
Part No. 970.362.158.07 FFF  
Rear: 10 J x 19 H2, RO 61  
Part No. 970.362.160.09 FFF



**19-inch Panamera Classic wheel**

Front: 9 J x 19 H2, RO 60  
Part No. 970.362.158.08 FFF

Rear: 10 J x 19 H2, RO 61  
Part No. 970.362.160.10 FFF

**20-inch Panamera RS Spyder wheel**

Front: 9.5 J x 20 H2, RO 65  
Part No. 970.362.178.05/.08/.30 FFF

Rear: 11 J x 20 H2, RO 68  
Part No. 970.362.192.00/.05/.30 FFF

Rear: 10.5 J x 20 H2, RO 65  
Part No. 970.362.190.05/.06/.07 FFF

**20-inch 911 Turbo II wheel**

Front: 9.5 J x 20 H2, RO 65  
Part No. 970.362.178.06 FFF

Rear: 11 J x 20 H2, RO 68  
Part No. 970.362.192.01/.04 FFF



**20-inch 911 Turbo III wheel**

Front: 9.5 J x 20 H2, RO 65  
Part No. 970.362.178.07 FFF

Rear: 11 J x 20 H2, RO 68  
Part No. 970.362.192.02 FFF



**20-inch Panamera Sport wheel**

Front: 9.5 J x 20 H2, RO 65  
Part No. 970.362.980.00/.05/.07 FFF

Rear: 11.5 J x 20 H2, RO 63  
Part No. 970.362.980.02/.06/.08 FFF



**20-inch Sport Classic II wheel**

Front: 9.5 J x 20 H2, RO 65  
Part No. 970.362.980.03 FFF

Rear: 11.5 J x 20 H2, RO 63  
Part No. 970.362.980.04 FFF



**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.

Wheel  
Mounting:

**Tightening torque 180 Nm (133 ftlb.)**

**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.	Type of snow chain
275/45 R 18 M+S	970.044.600.09	Link-type chain, quick fit
285/40 R 19 M+S 285/35 R 20 M+S	970.044.600.10	Link-type chain, quick fit

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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Panamera (970)

4400 ENU 39/21

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## Manufacturer's Certificate

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