

Manufacturer's Certificate

Cayenne (9YA)

12/23 ENU 4400

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Approved: Wheels and Tires (12/23)

Vehicle Type: **for Cayenne - incl. Coupé, Cayenne S - incl. Coupé, Cayenne E-Hybrid - incl. Coupé, Turbo GT Coupé**

Model Year: **As of 2024**

General information: This Manufacturer's Certificate contains information about:

- 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.

Information: Approval status: August 2023

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



Information

Porsche Ceramic Composite Brakes (PCCB) are only permitted for 21-inch wheels, depending on wheel type.



Information

Porsche Surface Coated Brakes (PSCB) are only permitted for 20-inch or bigger wheels.



Information

For vehicles equipped with 19-inch and 20-inch wheels at the factory on which 21-inch or 22-inch wheels are to be retrofitted, the wheel arch extension set with Part No. 9Y0 044 820 must always be installed.

Cayenne, Cayenne Coupé / Cayenne S, Cayenne S Coupé/ Cayenne E-Hybrid, Cayenne E-Hybrid Coupé / Turbo GT Coupé			
Tires	Tire sizes	Wheel sizes	Snow chains
Summer	FA: 255/55 ZR20 (110Y) XL RA: 295/45 ZR20 (114Y) XL Not for Turbo GT Coupé	FA: 9.0Jx20 ET50, H2 RA: 10.5 J x 20 ET64, H2	No

Cayenne, Cayenne Coupé / Cayenne S, Cayenne S Coupé/ Cayenne E-Hybrid, Cayenne E-Hybrid Coupé / Turbo GT Coupé			
Tires	Tire sizes	Wheel sizes	Snow chains
	FA: 285/45 ZR21 (113Y) XL RA: 315/40 ZR21 (115Y) XL Not for Turbo GT Coupé	FA: 9.5 J x 21 ET46, H2 RA: 11.0 J x 21 ET58, H2	No
	FA: 285/40 ZR22 (110Y) XL RA: 315/35 ZR22 (111Y) XL	FA: 10.0Jx22 ET48, H2 RA: 11.5 J x 22 ET61, H2	No
Winter	FA: 255/55 R20 110V XL RA: 295/45 R20 114V XL Not for Turbo GT Coupé	FA: 9.0Jx20 ET50, H2 RA: 10.5 J x 20 ET64, H2	RA only 9Y0.091.3 55.C
	FA: 285/45 R21 113V XL RA: 305/40 R21 113V XL	FA: 9.5 J x 21 ET46, H2 RA: 11.0 J x 21 ET58, H2	RA only 9Y0.091.3 55.C
	FA: 285/40 R22 110V XL RA: 315/35 R22 111V XL	FA: 10.0Jx22 ET48, H2 RA: 11.5 J x 22 ET61, H2	No
All Season	FA: 255/55 R20 110V XL RA: 295/45 R20 114V XL Not for Turbo GT Coupé	FA: 9.0Jx20 ET50, H2 RA: 10.5 J x 20 ET64, H2	No
	FA: 285/45 ZR21 113V XL RA: 315/40 ZR21 115V XL Not for Turbo GT Coupé	FA: 9.5 J x 21 ET46, H2 RA: 11.0 J x 21 ET58, H2	No
	FA: 285/40 R22 110V XL RA: 315/35 R22 111V XL Not for Turbo GT Coupé	FA: 10.0Jx22 ET48, H2 RA: 11.5 J x 22 ET61, H2	No

Wheels:

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

Identification on the inside of the wheel:

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

20"- "Cayenne Design III"

FA:

9.0Jx20 ET50, H2

Part No.: 9Y0.601.025.CT FFF

RA:

Saloon: 10.5 J x 20 ET64, H2

Part No.: 9Y0.601.025.DA FFF

Coupé: 10.5 J x 20 ET 55, H2

Part No. 9Y3.601.025.BM FFF

Not for Turbo GT Coupé



20-inch Cayenne Design III wheel

20"- "Basic Aero"

FA:

9.0Jx20 ET50, H2

Part No.: 9Y0.601.025.CR FFF

RA:

Saloon: 10.5 J x 20 ET64, H2

Part No.: 9Y0.601.025.CS FFF

Coupé: 10.5 J x 20 ET55, H2

Part No.: 9Y3.601.025.BL FFF

Only for E-Hybrid



20" Basic Aero

20" - "Cayenne S"

FA:
9.0Jx20 ET50, H2
Part No.: 9Y0.601.025.CB FFF

RA:
Saloon: 10.5 J x 20 ET64, H2
Part No.: 9Y0.601.025.CC FFF

Coupé: 10.5 J x 20 ET55, H2
Part No. 9Y3.601.025.CF FFF

Not for Turbo GT Coupé



20" Cayenne S

20" - "Cayenne Sport Design III"

FA:
9.0Jx20 ET50, H2
Part No.: 9Y0.601.025.DH FFF

RA:
Saloon: 10.5 J x 20 ET64, H2
Part No.: 9Y0.601.025.DJ FFF

Coupé: 10.5 J x 20 ET55, H2
Part No.: 9Y3.601.025.BQ FFF

Not for Turbo GT Coupé



20-inch Cayenne Sport Design III wheel

21" - "RS Spyder Design"

FA:
9.5 J x 21 ET46, H2
Part No.: 9Y0.601.025.CD FFF (CDW)
Part No.: 9Y0.601.029.BL FFF (SKS)

RA:
Saloon: 11.0 J x 21 ET58, H2
Part No.: 9Y0.601.025.CE FFF (CDW)
Part No.: 9Y0.601.029.BM FFF (SKS)

Coupé: 11.0Jx21 ET49 H2
Part No.: 9Y3.601.025.BC FFF (CDW)
Part No.: 9Y3.601.029.AE FFF (SKS)

Not for Turbo GT Coupé



21-inch RS Spyder Design

21" - "Cayenne Turbo"

FA:
9.5 J x 21 ET46, H2
Part No.: 9Y0.601.025.DP FFF

RA:
Saloon: 11.0 J x 21 ET58, H2
Part No.: 9Y0.601.025.DQ FFF

Coupé: 11.0Jx21 ET49, H2
Part No. 9Y3.601.025.BT FFF

Not for Turbo GT Coupé



21-inch Cayenne Turbo / Turbo Design wheel

21" - "Aero Design"

FA:
9.5 J x 21 ET46, H2
Part No.: 9Y0.601.025.EC FFF

RA:
Saloon: 11.0 J x 21 ET58, H2
Part No.: 9Y0.601.025.CG FFF

Coupé: 11.0Jx21 ET49, H2
Part No.: 9Y3.601.025.BD FFF

Only for E-Hybrid*21-inch P-HEV***21" - "Exclusive Design"**

FA:
9.5 J x 21 ET46, H2
Part No.: 9Y0.601.025.DB FFF (SU)
Part No.: 9Y0.601.029.BQ FFF (SKS)

RA:
Saloon: 11.0 J x 21 ET58, H2
Part No.: 9Y0.601.025.DC FFF (SU)
Part No.: 9Y0.601.029.BR FFF (SKS)

Coupé: 11.0Jx21 ET49, H2
Part No.: 9Y3.601.025.BN FFF (SU)
Part No.: 9Y3.601.029.AG FFF (SKS)

Not for Turbo GT Coupé*21-inch EXC/TEQ*

22" - "911 Turbo V Design"

FA:
10.0Jx22 ET48, H2
Part No.: 9Y0.601.025.DR FFF

RA:
Saloon: 11.5 J x 22 ET61, H2
Part No.: 9Y0.601.025.DS FFF

Coupé: 11.5 J x 22 ET52, H2
Part No. 9Y3.601.025.CA FFF

Not for Turbo GT Coupé



22-inch 911 Turbo V

22" - "Sport Design"

FA:
10.0x22 ET48, H2
Part No.: 9Y0.601.025.CK FFF

RA:
Saloon: 11.5 J x 22 ET61, H2
Part No.: 9Y0.601.025.CL FFF

Coupé: 11.5 J x 22 ET52, H2
Part No.: 9Y3.601.025.BF FFF

Not for Turbo GT Coupé



22-inch Sport Design

22" - "RS Spyder Design"

FA:

10.0Jx22 ET48, H2

Part No.: 9Y3.601.025.BH FFF

RA:

11.5 J x 22 ET52, H2

Part No.: 9Y3.601.025.BJ FFF

Only for Coupé**Not for Turbo GT Coupé***22-inch RS Spyder Design***22" - "GT Design" – only Coupé**

FA:

Not for Turbo GT Coupé:

10.0x22 ET48, H2

Part No. 9Y3.601.025.CC FFF

Only for Turbo GT Coupé:

10.5x22 ET49, H2

Part No.: 9Y3.601.025.BA FFF

RA:

11.5 J x 22 ET52, H2

Part No.: 9Y3.601.025.AP FFF

*22-inch GT Design*

22" - "Exclusive Design Sport"

FA:

10.0x22 ET48, H2

Part No.: 9Y0.601.025.CP FFF (Ronal)

Part No.: 9Y0.601.029.BN FFF (SKS)

RA:

Saloon: 11.5 J x 22 ET61, H2

Part No.: 9Y0.601.025.CQ FFF (Ronal)

Part No.: 9Y0.601.029.BP FFF (SKS)

Coupé: 11.5 J x 22 ET52, H2

Part No.: 9Y3.601.025.BK FFF (Ronal)

Part No.: 9Y3.601.029.AF FFF (SKS)

Not for Turbo GT Coupé



22-inch Exclusive Design Sport



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 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 (NC0, NC1, NC2 ...) on a vehicle.**

Summer Tires:

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
20"	FA: 255/55 ZR20 (110Y) XL RA: 295/45 ZR20 (114Y) XL Not for Turbo GT Coupé	Pirelli P Zero NCO FA: HTTP://EPREL.EC.EUROPA.EU/QR/596885 RA: HTTP://EPREL.EC.EUROPA.EU/QR/596884
		Hankook Ventus S1 EvoZ (K129) NCO (asymmetric, no rolling direction) FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1210304 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1210306
21"	FA: 285/45 ZR21 (113Y) XL RA: 315/40 ZR21 (115Y) XL Not for Turbo GT Coupé	Pirelli P Zero NCO FA: HTTP://EPREL.EC.EUROPA.EU/QR/596869 RA: HTTP://EPREL.EC.EUROPA.EU/QR/596870
		Nexen N'FERA SPORT SUV NCO (Inside/Outside) FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1115733 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1115736
		Michelin Pilot Sport 4 SUV NCO (Inside/Outside) FA: Label values currently not available RA: Label values currently not available
22"	FA: 285/40 ZR22 (110Y) XL RA: 315/35 ZR22 (111Y) XL	Pirelli P Zero NCO FA: HTTPS://EPREL.EC.EUROPA.EU/QR/596883 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/596886
		Continental SportContact 7 NCO FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1332964 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1332963
		Yokohama ADVAN Sport V107 NCO (no rolling direction) FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1317871 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1317885

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Model	Tire sizes	Tire make and type / Label value (Link to EU database)
22" Sport	FA: 285/40 ZR22 (110Y) XL RA: 315/35 ZR22 (111Y) XL	Pirelli P Zero Corsa NCO FA: HTTP://EPREL.EC.EUROPA.EU/QR/597018 RA: HTTP://EPREL.EC.EUROPA.EU/QR/597019

Winter Tires:

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
20"	FA: 255/55 R20 110V XL RA: 295/45 R20 114V XL Not for Turbo GT Coupé	Pirelli Scorpion Winter 2 NCO FA: HTTP://EPREL.EC.EUROPA.EU/QR/1560350 RA: HTTP://EPREL.EC.EUROPA.EU/QR/1560351
		Michelin Pilot Alpin 5 SUV NCO (directional) FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1245777 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1245776
		Hankook Winter i*cept evo3 X (W330A) NCO FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1566893 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1566924
21"	FA: 285/45 R21 113V XL RA: 305/40 R21 113V XL	Pirelli Scorpion Winter 2 NCO FA: Label values currently not available RA: Label values currently not available
		Michelin Pilot Alpin 5 SUV NCO (directional) FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1574164 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1574163
22"	FA: 285/40 R22 110V XL RA: 315/35 R22 111V XL	Pirelli Scorpion Winter 2 NCO FA: Label values currently not available RA: Label values currently not available
		Continental WinterContact TS860 S NCO FA: Label values currently not available RA: Label values currently not available

All-season tires:

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
20"	FA: 255/55 R20 110V XL RA: 295/40 R20 114V XL Not for Turbo GT Coupé	Pirelli Scorpion Zero A/S NCO FA: Label values currently not available RA: Label values currently not available
		Hankook DynaPro HP2 plus (RA33D) NCO (Asymmetric, no rolling direction) FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1370116 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1370118
21"	FA: 285/45 R21 113V XL RA: 315/45 R21 115V XL Not for Turbo GT Coupé	Pirelli Scorpion Zero A/S NCO FA: HTTP://EPREL.EC.EUROPA.EU/QR/596867 RA: HTTP://EPREL.EC.EUROPA.EU/QR/596868
		Bridgestone Alenza Sport A/S NCO FA: HTTPS://EPREL.EC.EUROPA.EU/QR/501916 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/501987
22"	FA: 285/40 R22 110V XL RA: 315/35 R22 111V XL Not for Turbo GT Coupé	Pirelli Scorpion Zero A/S NCO FA: HTTP://EPREL.EC.EUROPA.EU/QR/596900 RA: HTTP://EPREL.EC.EUROPA.EU/QR/596901
		Yokohama ADVAN V35 NCO FA: HTTPS://EPREL.EC.EUROPA.EU/QR/1319361 RA: HTTPS://EPREL.EC.EUROPA.EU/QR/1319362

**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.



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

Cayenne / Cayenne Coupé				
	Full load		Part load	
	Front axle	Rear axle	Front axle	Rear axle
20" – summer wheels	2.4 bar (34 psi) (35 psi)	2.6 bar (38 psi) (38 psi)	2.2 bar (31 psi) (32 psi)	2.4 bar (34 psi) (35 psi)
21" – summer wheels	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)
22" – summer wheels	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)
20" – winter wheels	2.5 bar (36 psi)	2.5 bar (36 psi)	2.3 bar (33 psi) (33 psi)	2.3 bar (33 psi) (33 psi)

Cayenne / Cayenne Coupé				
	Full load		Part load	
	Front axle	Rear axle	Front axle	Rear axle
21" – winter wheels	2.4 bar (34 psi) (35 psi)	2.5 bar (36 psi)	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)
22" – winter wheels	2.5 bar (36 psi)	2.7 bar (39 psi) (39 psi)	2.3 bar (33 psi) (33 psi)	2.3 bar (33 psi) (33 psi)
20" – all-season	2.5 bar (36 psi)	2.8 bar (41 psi)	2.3 bar (33 psi) (33 psi)	2.6 bar (38 psi) (38 psi)
21" – all-season	2.4 bar (34 psi) (35 psi)	2.7 bar (39 psi) (39 psi)	2.2 bar (31 psi) (32 psi)	2.5 bar (36 psi)
22" – all-season	2.5 bar (36 psi)	2.7 bar (39 psi) (39 psi)	2.3 bar (33 psi) (33 psi)	2.3 bar (33 psi) (33 psi)

Cayenne E-Hybrid / Cayenne E-Hybrid Coupé – RoW				
	Full load		Part load	
	Front axle	Rear axle	Front axle	Rear axle
20" – summer wheels	2.4 bar (34 psi) (35 psi)	2.6 bar (38 psi) (38 psi)	2.2 bar (31 psi) (32 psi)	2.4 bar (34 psi) (35 psi)
21" – summer wheels	2.4 bar (34 psi) (35 psi)	2.5 bar (36 psi)	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)
22" – summer wheels	2.5 bar (35 psi)	2.7 bar (39 psi) (39 psi)	2.2 bar (31 psi) (32 psi)	2.3 bar (33 psi) (33 psi)
20" – winter wheels	2.6 bar (38 psi) (38 psi)	2.7 bar (39 psi) (39 psi)	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)
21" – winter wheels	2.6 bar (38 psi) (38 psi)	2.8 bar (41 psi)	2.2 bar (31 psi) (32 psi)	2.4 bar (34 psi) (35 psi)
22" – winter wheels	2.8 bar (41 psi)	3.0 bar (44 psi)	2.4 bar (34 psi) (35 psi)	2.5 bar (36 psi)
20" – all-season	2.6 bar (38 psi) (38 psi)	2.9 bar (42 psi)	2.4 bar (34 psi) (35 psi)	2.7 bar (39 psi) (39 psi)

Cayenne E-Hybrid / Cayenne E-Hybrid Coupé – RoW				
	Full load		Part load	
	Front axle	Rear axle	Front axle	Rear axle
21" – all-season	2.4 bar (34 psi) (35 psi)	2.7 bar (39 psi) (39 psi)	2.2 bar (31 psi) (32 psi)	2.5 bar (36 psi)
22" – all-season	2.8 bar (41 psi)	3.0 bar (44 psi)	2.4 bar (34 psi) (35 psi)	2.5 bar (36 psi)

Cayenne S / Cayenne S Coupé				
	Full load		Part load	
	Front axle	Rear axle	Front axle	Rear axle
20" – summer wheels	2.5 bar (36 psi)	2.7 bar (39 psi) (39 psi)	2.3 bar (33 psi) (33 psi)	2.5 bar (36 psi)
21" – summer wheels	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)
22" – summer wheels	2.5 bar (36 psi)	2.6 bar (38 psi) (38 psi)	2.3 bar (33 psi) (33 psi)	2.3 bar (33 psi) (33 psi)
20" – winter wheels	2.6 bar (38 psi) (38 psi)	2.6 bar (38 psi) (38 psi)	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)
21" – winter wheels	2.4 bar (34 psi) (35 psi)	2.5 bar (36 psi)	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)
22" – winter wheels	2.6 bar (38 psi) (38 psi)	2.7 bar (39 psi) (39 psi)	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)
20" – all-season	2.6 bar (38 psi) (38 psi)	2.9 bar (42 psi)	2.4 bar (34 psi) (35 psi)	2.7 bar (39 psi) (39 psi)
21" – all-season	2.4 bar (34 psi) (35 psi)	2.7 bar (39 psi) (39 psi)	2.2 bar (31 psi) (32 psi)	2.5 bar (36 psi)
22" – all-season	2.6 bar (38 psi) (38 psi)	2.7 bar (39 psi) (39 psi)	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)

Cayenne Turbo GT Coupé				
	Full load		Part load	
	Front axle	Rear axle	Front axle	Rear axle
22" – summer wheels	3.0 bar (44 psi)	3.0 bar (44 psi)	2.8 bar (41 psi)	2.8 bar (41 psi)
21" – winter wheels	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)
22" – winter wheels	2.6 bar (38 psi) (38 psi)	2.8 bar (41 psi)	2.4 bar (34 psi) (35 psi)	2.4 bar (34 psi) (35 psi)

 **WARNING**

Driving at high speed with low tire pressure can cause irreparable damage to tires.

⇒ Set Comfort air pressure for tires only on vehicles with Tire Pressure Monitoring System (TPMS) 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 160 km/h (100 mph):

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

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

Cayenne / Cayenne Coupé		
Wheels	Front axle	Rear axle
20, 21, 22" summer, winter & all-season	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)

Cayenne E-Hybrid / Cayenne E-Hybrid Coupé — RoW		
Wheels	Front axle	Rear axle
20, 21" summer, winter &all-season	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)
22" summer, winter &all-season	2.2 bar (31 psi) (32 psi)	2.3 bar (33 psi) (33 psi)

Cayenne S / Cayenne S Coupé		
Wheels	Front axle	Rear axle
20, 21, 22" summer, winter &all-season	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)

Cayenne Turbo GT Coupé		
Wheels	Front axle	Rear axle
22" summer / 21, 22" winter	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (32 psi)

Comfort tire pressure up to 270 km/h (165 mph):

Comfort tire pressure for summer tires up to 270 km/h (165 mph)

Cayenne Turbo GT Coupé		
Wheels	Front axle	Rear axle
22" summer	2.2 bar (31 psi) (32 psi)	2.2 bar (31 psi) (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.
Only for 20" & 21" winter wheels – RA only All-season tires are not approved for installing snow chains	9Y0.091.355.C

Snow chain approval is only guaranteed for the tires specified above. Can only be installed 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 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.

Important Notice: Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

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