

Manufacturer's Certificate

Cayenne (9YA)

28/25 ENU 4400

4

Approved: Wheels and Tires (28/25)

Change Overview:

Release	Date	Change
0	07/17/2025	▪ Original publication
1	12/05/2025	▪ Correction to All-Season Tires - 20 inches - RA tire size

Model Year: **As of 2024**

Vehicle Type: **Cayenne - incl. Coupé/ Cayenne S - incl. Coupé/ Cayenne PHEV - incl. Coupé/ Turbo GT Coupé USA/ Cayenne Turbo PHEV - incl. Coupé/ Cayenne Turbo PHEV Coupé with GT package/ Cayenne S PHEV - incl. Coupé**

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 fitted at the factory,
- approved original Porsche alloy wheels and
- approved summer, all-season and winter tires and their tire pressures.

Cause: Approval status: June 2025

Sizes:

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



**Information**

Porsche Ceramic Composite Brakes (PCCB) are only permitted for 21-inch or bigger wheels.



**Information**

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



**Information**

For vehicles fitted with 20-inch wheels at the factory on which 21-inch or 22-inch wheels are to be retro-fitted, the wheel arch extension set with Part No. 9Y0 044 820 (Saloon) and 9Y0 044 820 A (Coupé) must always be installed.

4

Cayenne (9YA)  
4400 ENU **28/25**

## Manufacturer's Certificate

Cayenne, Cayenne Coupé / Cayenne S, Cayenne S Coupé / Cayenne PHEV, Cayenne PHEV Coupé / Turbo GT Coupé USA / Cayenne Turbo PHEV, Cayenne Turbo PHEV Coupé / Cayenne S PHEV, Cayenne S PHEV Coupé / Cayenne Turbo PHEV Coupé with GT package / Cayenne GTS, Cayenne GTS Coupé			
Tires	Tire sizes	Wheel sizes	Snow chains
Summer	FA: 255/55 ZR20 110Y XL RA: 295/45 ZR20 114Y XL  or FA: 255/55 ZR20 (110Y) XL RA: 295/45 ZR20 (114Y) XL <b>not for Turbo GT Coupé USA</b> <b>not for Turbo PHEV incl. Coupé</b> <b>not for GTS incl. Coupé</b> <b>not for Turbo PHEV Coupé with GT package</b>	FA: 9.0Jx20 R050 Saloon, RA: 10.5Jx20 R064 Coupé, RA: 10.5Jx20 R055	No
	FA: 285/45 ZR21 (113Y) XL RA: 315/40 ZR21 (115Y) XL <b>not for Turbo GT Coupé USA</b> <b>not for Turbo PHEV Coupé with GT package</b>	FA: 9.5Jx21 R046 Saloon, RA: 11Jx21 R058 Coupé, RA: 11Jx21 R049	No
	FA: 285/40 ZR22 (110Y) XL RA: 315/35 ZR22 (111Y) XL	FA: 10.0Jx22 R048 Saloon, RA: 11.5Jx22 R061 Coupé, RA: 11.5Jx22 R052	No
Winter	FA: 255/55 R20 110V XL RA: 295/45 R20 114V XL <b>not for Turbo GT Coupé</b> <b>not for Turbo PHEV incl. Coupé</b> <b>not for Cayenne Turbo PHEV Coupé with GT package</b>	FA: 9.0Jx20 R050 Saloon, RA: 10.5Jx20 R064 Coupé, RA: 10.5Jx20 R055	RA only 9Y0.091.3 55.C
	FA: 285/45 R21 113V XL RA: 305/40 R21 113V XL	FA: 9.5Jx21 R046 Saloon, RA: 11Jx21 R058 Coupé, RA: 11Jx21 R049	RA only 9Y0.091.3 55.C

Cayenne, Cayenne Coupé / Cayenne S, Cayenne S Coupé / Cayenne PHEV, Cayenne PHEV Coupé / Turbo GT Coupé USA / Cayenne Turbo PHEV, Cayenne Turbo PHEV Coupé / Cayenne S PHEV, Cayenne S PHEV Coupé / Cayenne Turbo PHEV Coupé with GT package / Cayenne GTS, Cayenne GTS Coupé			
Tires	Tire sizes	Wheel sizes	Snow chains
	FA: 285/40 R22 110V XL RA: 315/35 R22 111V XL	FA: 10Jx22 R048 Saloon, RA: 11.5Jx22 R061 Coupé, RA: 11.5Jx22 R052	No
All-season	FA: 255/55 R20 110V XL RA: 295/45 R20 114V XL  <b>not for Turbo GT Coupé USA</b> <b>not for Turbo PHEV incl. Coupé</b>  <b>not for GTS incl. Coupé</b>  <b>not for Turbo PHEV Coupé with GT package</b>	FA: 9.0Jx20 R050 Saloon, RA: 10.5Jx20 R064 Coupé, RA: 10.5Jx20 R055	No
	FA: 285/45 ZR21 113V XL RA: 315/40 ZR21 115V XL  <b>not for Turbo GT Coupé USA</b> <b>not for Turbo PHEV Coupé with GT package</b>	FA: 9.5Jx21 R046 Saloon, RA: 11Jx21 R058 Coupé, RA: 11Jx21 R049	No
	FA: 285/40 R22 110V XL RA: 315/35 R22 111V XL  <b>not for Turbo GT Coupé USA</b>	FA: 10.0Jx22 R048 Saloon, RA: 11.5Jx22 R061 Coupé, RA: 11.5Jx22 R052	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) in mm, part number (without color code marking FFF) and Porsche logo

**20 inches- "Cayenne Design III"**

FA:  
9.0Jx20 R050  
Part No.: 9Y0.601.025.CT FFF

RA:  
Saloon: 10.5Jx20 R064  
Part No.: 9Y0.601.025.DA FFF

Coupé: 10.5Jx20 R0 55  
Part No. 9Y3.601.025.BM FFF

**not for Turbo GT Coupé**



*20-inch Cayenne Design III wheel*

**20 inches- "Basic Aero"**

FA:  
9.0Jx20 R050  
Part No.: 9Y0.601.025.CR FFF

RA:  
Saloon: 10.5Jx20 R064  
Part No.: 9Y0.601.025.CS FFF

Coupé: 10.5Jx20 R055  
Part No.: 9Y3.601.025.BL FFF

**Only for PHEV**



*20 inches Basic Aero*

**20 inches - "Cayenne S"**

FA:  
9.0Jx20 R050  
Part No.: 9Y0.601.025.CB FFF

RA:  
Saloon: 10.5Jx20 R064  
Part No.: 9Y0.601.025.CC FFF

Coupé: 10.5Jx20 R055  
Part No. 9Y3.601.025.CF FFF

**not for Turbo GT Coupé**



*20 inches Cayenne S*

**20 inches - "Cayenne Sport Design III"**

FA:  
9.0Jx20 R050  
Part No.: 9Y0.601.025.DH FFF

RA:  
Saloon: 10.5Jx20 R064  
Part No.: 9Y0.601.025.DJ FFF

Coupé: 10.5Jx20 R055  
Part No.: 9Y3.601.025.BQ FFF

**not for Turbo GT Coupé**



*20-inch Cayenne Sport Design III wheel*

**21 inches - "RS Spyder Design"**

FA:  
9.5Jx21 R046  
Part No.: 9Y0.601.025.CD FFF (CDW)  
Part No.: 9Y0.601.025.GA\_FFF (Ronal)

RA:  
Saloon: 11.0Jx21 R058  
Part No.: 9Y0.601.025.GB\_FFF (Ronal)  
Part No.: 9Y0.601.029.BM FFF (SKS)

Coupé: 11.0Jx21 R049  
Part No.: 9Y3.601.025.DJ\_FFF (Ronal)  
Part No.: 9Y3.601.029.AE FFF (SKS)

**not for Turbo GT Coupé**



*21 inches RS Spyder Design*

**21 inches - "Turbo"**

FA:  
9.5Jx21 R046  
Part No.: 9Y0.601.025.DP FFF

RA:  
Saloon: 11.0Jx21 R058  
Part No.: 9Y0.601.025.DQ FFF

Coupé: 11.0Jx21 R049  
Part No. 9Y3.601.025.BT FFF

**not for Turbo GT Coupé**



*21 inches Turbo*

**21 inches - "Aero Design"**

FA:  
9.5Jx21 R046  
Part No.: 9Y0.601.025.EC FFF

RA:  
Saloon: 11.0Jx21 R058  
Part No.: 9Y0.601.025.CG FFF

Coupé: 11.0Jx21 R049  
Part No.: 9Y3.601.025.BD FFF

**Only for PHEV**



21 inches P-HEV

**21 inches - "Exclusive Design"**

FA:  
9.5Jx21 R046  
Part No.: 9Y0.601.025.DB FFF (SU)  
Part No.: 9Y0.601.029.BQ FFF (SKS)

RA:  
Saloon: 11.0Jx21 R058  
Part No.: 9Y0.601.025.DC FFF (SU)  
Part No.: 9Y0.601.029.BR FFF (SKS)

Coupé: 11.0Jx21 R049  
Part No.: 9Y3.601.025.BN FFF (SU)  
Part No.: 9Y3.601.029.AG FFF (SKS)

**not for Turbo GT Coupé**



21 inches EXC/TEQ

**22 inches - "911 Turbo V Design"**

FA:

10.0Jx22 R048

Part No.: 9Y0.601.025.DR FFF

RA:

Saloon: 11.5Jx22 R061

Part No.: 9Y0.601.025.DS FFF

Coupé: 11.5Jx22 R052

Part No. 9Y3.601.025.CA FFF

**not for Turbo GT Coupé***911 Turbo V***22 inches - "Sport Design"**

FA:

10.0x22 R048

Part No.: 9Y0.601.025.CK FFF

RA:

Saloon: 11.5Jx22 R061

Part No.: 9Y0.601.025.CL FFF

Coupé: 11.5Jx22 R052

Part No.: 9Y3.601.025.BF FFF

**not for Turbo GT Coupé***22 inches Sport Design*

**22 inches - "RS Spyder Design"**

FA:

10.0Jx22 R048

Part No.: 9Y3.601.025.BH FFF

RA:

11.5Jx22 R052

Part No.: 9Y3.601.025.BJ FFF

**Only for Coupé**

**not for Turbo GT Coupé**



*22 inches RS Spyder Design*

**22 inches - "GT Design" – only Coupé**

FA:

**not for Turbo GT Coupé:**

10.0x22 R048

Part No. 9Y3.601.025.CC FFF

**Only for Turbo GT Coupé:**

10.5x22 R049

Part No.: 9Y3.601.025.BA FFF

RA:

11.5Jx22 R052

Part No.: 9Y3.601.025.AP FFF

*22 inches GT Design***22 inches - "Exclusive Design Sport"**

FA:

10.0x22 R048

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

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

RA:

Saloon: 11.5Jx22 R061

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

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

Coupé: 11.5Jx22 R052

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

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

*22 inches 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 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**

Only install wheels with identical part numbers on each axle.

# Manufacturer's Certificate

Cayenne (9YA)

**28/25** ENU 4400

**4**

Wheel **Tightening torque 160 Nm** (118 ft-lbs)  
 Mounting:



## 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 inches	FA: 255/55 ZR20 110Y XL RA: 295/45 ZR20 114Y XL <b>not for Turbo GT Coupé USA</b> <b>not for Turbo PHEV incl. Coupé</b> <b>not for GTS incl. Coupé</b> <b>not for Turbo PHEV Coupé with GT package</b>	Pirelli P Zero NCO FA: <a href="http://EPREL.EC.EUROPA.EU/QR/596885">HTTP://EPREL.EC.EUROPA.EU/QR/596885</a> RA: <a href="http://EPREL.EC.EUROPA.EU/QR/596884">HTTP://EPREL.EC.EUROPA.EU/QR/596884</a>
	FA: 255/55 ZR20 (110Y) XL RA: 295/45 ZR20 (114Y) XL <b>not for Turbo GT Coupé USA</b> <b>not for Turbo PHEV incl. Coupé</b> <b>not for GTS incl. Coupé</b> <b>not for Turbo PHEV Coupé with GT package</b>	Hankook Ventus S1 EvoZ NDO FA: <a href="https://EPREL.EC.EUROPA.EU/QR/1210304">HTTPS://EPREL.EC.EUROPA.EU/QR/1210304</a> RA: <a href="https://EPREL.EC.EUROPA.EU/QR/1210306">HTTPS://EPREL.EC.EUROPA.EU/QR/1210306</a>
21 inches	FA: 285/45 ZR21 (113Y) XL RA: 315/40 ZR21 (115Y) XL <b>not for Turbo GT Coupé USA</b> <b>not for Turbo PHEV Coupé with GT package</b>	Pirelli P Zero NCO FA: <a href="http://EPREL.EC.EUROPA.EU/QR/596869">HTTP://EPREL.EC.EUROPA.EU/QR/596869</a> RA: <a href="http://EPREL.EC.EUROPA.EU/QR/596870">HTTP://EPREL.EC.EUROPA.EU/QR/596870</a>
		Nexen N'FERA SPORT SUV NCO FA: <a href="https://EPREL.EC.EUROPA.EU/QR/1115733">HTTPS://EPREL.EC.EUROPA.EU/QR/1115733</a> RA: <a href="https://EPREL.EC.EUROPA.EU/QR/1115736">HTTPS://EPREL.EC.EUROPA.EU/QR/1115736</a>
		Michelin Pilot Sport 4 SUV NCO FA: <a href="https://EPREL.EC.EUROPA.EU/QR/1612611">HTTPS://EPREL.EC.EUROPA.EU/QR/1612611</a> RA: <a href="https://EPREL.EC.EUROPA.EU/QR/1612610">HTTPS://EPREL.EC.EUROPA.EU/QR/1612610</a>

4

Cayenne (9YA)

4400 ENU 28/25

## Manufacturer's Certificate

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
22 inches	FA: 285/40 ZR22 (110Y) XL RA: 315/35 ZR22 (111Y) XL	Pirelli P Zero NCO FA: <a href="https://eprel.ec.europa.eu/qr/596883">HTTPS://EPREL.EC.EUROPA.EU/QR/596883</a> RA: <a href="https://eprel.ec.europa.eu/qr/596886">HTTPS://EPREL.EC.EUROPA.EU/QR/596886</a>
		Continental SportContact 7 NCO FA: <a href="https://eprel.ec.europa.eu/qr/1332964">HTTPS://EPREL.EC.EUROPA.EU/QR/1332964</a> RA: <a href="https://eprel.ec.europa.eu/qr/1332963">HTTPS://EPREL.EC.EUROPA.EU/QR/1332963</a>
		Yokohama ADVAN Sport V107 NCO FA: <a href="https://eprel.ec.europa.eu/qr/1317871">HTTPS://EPREL.EC.EUROPA.EU/QR/1317871</a> RA: <a href="https://eprel.ec.europa.eu/qr/1317885">HTTPS://EPREL.EC.EUROPA.EU/QR/1317885</a>
22 inches Sport	FA: 285/40 ZR22 (110Y) XL RA: 315/35 ZR22 (111Y) XL	Pirelli P Zero Corsa NCO FA: <a href="http://eprel.ec.europa.eu/qr/597018">HTTP://EPREL.EC.EUROPA.EU/QR/597018</a> RA: <a href="http://eprel.ec.europa.eu/qr/597019">HTTP://EPREL.EC.EUROPA.EU/QR/597019</a>

Winter Tires:

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
20 inches	FA: 255/55 R20 110V XL RA: 295/45 R20 114V XL  <b>not for Turbo GT Coupé</b>  <b>not for Turbo PHEV incl. Coupé</b>  <b>not for Cayenne Turbo PHEV Coupé with GT package</b>	Pirelli Scorpion Winter 2 NCO FA: <a href="http://eprel.ec.europa.eu/qr/1560350">HTTP://EPREL.EC.EUROPA.EU/QR/1560350</a> RA: <a href="http://eprel.ec.europa.eu/qr/1560351">HTTP://EPREL.EC.EUROPA.EU/QR/1560351</a>
		Michelin Pilot Alpin 5 SUV NCO FA: <a href="https://eprel.ec.europa.eu/qr/1245777">HTTPS://EPREL.EC.EUROPA.EU/QR/1245777</a> RA: <a href="https://eprel.ec.europa.eu/qr/1245776">HTTPS://EPREL.EC.EUROPA.EU/QR/1245776</a>
		Hankook Winter i*cept evo3 X NCO FA: <a href="https://eprel.ec.europa.eu/qr/1566893">HTTPS://EPREL.EC.EUROPA.EU/QR/1566893</a> RA: <a href="https://eprel.ec.europa.eu/qr/1566924">HTTPS://EPREL.EC.EUROPA.EU/QR/1566924</a>
21-inches	FA: 285/45 R21 113V XL RA: 305/40 R21 113V XL	Pirelli Scorpion Winter 2 NCO FA: <a href="http://eprel.ec.europa.eu/qr/1644843">HTTP://EPREL.EC.EUROPA.EU/QR/1644843</a> RA: <a href="http://eprel.ec.europa.eu/qr/1644842">HTTP://EPREL.EC.EUROPA.EU/QR/1644842</a>
		Michelin Pilot Alpin 5 SUV NCO FA: <a href="https://eprel.ec.europa.eu/qr/1574164">HTTPS://EPREL.EC.EUROPA.EU/QR/1574164</a> RA: <a href="https://eprel.ec.europa.eu/qr/1574163">HTTPS://EPREL.EC.EUROPA.EU/QR/1574163</a>
22 inches	FA: 285/40 R22 110V XL RA: 315/35 R22 111V XL	Continental WinterContact TS860 S NCO FA: <a href="https://eprel.ec.europa.eu/qr/658974">HTTPS://EPREL.EC.EUROPA.EU/QR/658974</a> RA: <a href="https://eprel.ec.europa.eu/qr/659115">HTTPS://EPREL.EC.EUROPA.EU/QR/659115</a>
		Pirelli Scorpion Winter 2 NCO FA: <a href="http://eprel.ec.europa.eu/qr/1773319">HTTP://EPREL.EC.EUROPA.EU/QR/1773319</a> RA: <a href="http://eprel.ec.europa.eu/qr/1773320">HTTP://EPREL.EC.EUROPA.EU/QR/1773320</a>

# Manufacturer's Certificate

Cayenne (9YA)

28/25 ENU 4400

4

All-Season  
Tires:

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
20 inches	FA: 255/55 R20 110V XL RA: 295/45 R20 114V XL  <b>not for Turbo GT Coupé USA</b>  <b>not for Turbo PHEV incl. Coupé</b>  <b>not for GTS incl. Coupé</b>  <b>not for Turbo PHEV Coupé with GT package</b>	Pirelli Scorpion Zero A/S NCO FA: <a href="http://EPREL.EC.EUROPA.EU/QR/596882">HTTP://EPREL.EC.EUROPA.EU/QR/596882</a> RA: <a href="http://EPREL.EC.EUROPA.EU/QR/596881">HTTP://EPREL.EC.EUROPA.EU/QR/596881</a>
		Hankook DynaPro HP2 plus NCO FA: <a href="https://EPREL.EC.EUROPA.EU/QR/1370116">HTTPS://EPREL.EC.EUROPA.EU/QR/1370116</a> RA: <a href="https://EPREL.EC.EUROPA.EU/QR/1370118">HTTPS://EPREL.EC.EUROPA.EU/QR/1370118</a>
21 inches	FA: 285/45 R21 113V XL RA: 315/40 R21 115V XL  <b>not for Turbo GT Coupé USA</b>  <b>not for Turbo PHEV Coupé with GT package</b>	Pirelli Scorpion Zero A/S NCO FA: <a href="http://EPREL.EC.EUROPA.EU/QR/596867">HTTP://EPREL.EC.EUROPA.EU/QR/596867</a> RA: <a href="http://EPREL.EC.EUROPA.EU/QR/596868">HTTP://EPREL.EC.EUROPA.EU/QR/596868</a>
		Bridgestone Alenza Sport A/S NCO FA: <a href="https://eprel.ec.europa.eu/qr/501917">https://eprel.ec.europa.eu/qr/501917</a> RA: <a href="https://eprel.ec.europa.eu/qr/501988">https://eprel.ec.europa.eu/qr/501988</a>
22 inches	FA: 285/40 R22 110V XL RA: 315/35 R22 111V XL  <b>not for Turbo GT Coupé USA</b>	Pirelli Scorpion Zero A/S NCO FA: <a href="http://EPREL.EC.EUROPA.EU/QR/596900">HTTP://EPREL.EC.EUROPA.EU/QR/596900</a> RA: <a href="http://EPREL.EC.EUROPA.EU/QR/596901">HTTP://EPREL.EC.EUROPA.EU/QR/596901</a>
		Yokohama ADVAN V35 NCO FA: <a href="https://EPREL.EC.EUROPA.EU/QR/1319361">HTTPS://EPREL.EC.EUROPA.EU/QR/1319361</a> RA: <a href="https://EPREL.EC.EUROPA.EU/QR/1319362">HTTPS://EPREL.EC.EUROPA.EU/QR/1319362</a>



### Information

"N..." = Specification code of the tire, e.g. "NCO", "NC1", "NC2" ... The complete "N..." code must be written on the sidewall near the type designation for the tire brands concerned.

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

**Information**

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

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

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

**Information**

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

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

**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.**

Tire Pressure:

**Information**

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

**Standard tire pressure**

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

<b>Cayenne PHEV / Cayenne PHEV Coupé</b>				
	<b>Full load</b>		<b>Part load</b>	
	<b>Front axle</b>	<b>Rear axle</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>20 inches – summer wheels</b>	2.4 bar (35 psi)	2.6 bar (38 psi)	2.2 bar (32 psi)	2.4 bar (35 psi)
<b>21 inches – summer wheels</b>	2.4 bar (35 psi)	2.5 bar (36 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)
<b>22 inches – summer wheels</b>	2.5 bar (35 psi)	2.7 bar (39 psi)	2.2 bar (32 psi)	2.3 bar (33 psi)
<b>20 inches – winter wheels</b>	2.6 bar (38 psi)	2.7 bar (39 psi)	2.4 bar (35 psi)	2.4 bar (35 psi)

<b>Cayenne PHEV / Cayenne PHEV Coupé</b>				
	<b>Full load</b>		<b>Part load</b>	
	<b>Front axle</b>	<b>Rear axle</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>21 inches – winter wheels</b>	2.6 bar (38 psi)	2.8 bar (41 psi)	2.2 bar (32 psi)	2.4 bar (35 psi)
<b>22 inches – winter wheels</b>	2.8 bar (41 psi)	3.0 bar (44 psi)	2.4 bar (35 psi)	2.5 bar (35 psi)
<b>20 inches – all-season</b>	2.6 bar (38 psi)	2.9 bar (42 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
<b>21 inches – all-season</b>	2.4 bar (35 psi)	2.7 bar (39 psi)	2.2 bar (32 psi)	2.5 bar (36 psi)
<b>22 inches – all-season</b>	2.8 bar (41 psi)	3.0 bar (44 psi)	2.4 bar (35 psi)	2.5 bar (36 psi)

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

<b>Cayenne S / Cayenne S Coupé</b>				
	<b>Full load</b>		<b>Part load</b>	
	<b>Front axle</b>	<b>Rear axle</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>21 inches – all-season</b>	2.4 bar (35 psi)	2.7 bar (39 psi)	2.2 bar (32 psi)	2.5 bar (36 psi)
<b>22 inches – all-season</b>	2.6 bar (38 psi)	2.7 bar (39 psi)	2.4 bar (35 psi)	2.4 bar (35 psi)

<b>Cayenne Turbo GT Coupé</b>				
	<b>Full load</b>		<b>Part load</b>	
	<b>Front axle</b>	<b>Rear axle</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>22 inches – summer wheels</b>	3.0 bar (44 psi)	3.0 bar (44 psi)	2.8 bar (41 psi)	2.8 bar (41 psi)
<b>21 inches – winter wheels</b>	2.4 bar (35 psi)	2.4 bar (35 psi)	2.2 bar (32 psi)	2.2 bar (32 psi)
<b>22 inches – winter wheels</b>	2.6 bar (38 psi)	2.6 bar (38 psi)	2.4 bar (35 psi)	2.4 bar (35 psi)

<b>Cayenne Turbo PHEV / Cayenne Turbo PHEV Coupé</b>				
	<b>Full load</b>		<b>Part load</b>	
	<b>Front axle</b>	<b>Rear axle</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>21 inches – summer wheels</b>	2.9 bar (42 psi)	2.9 bar (42 psi)	2.7 bar (39 psi)	2.7 bar (39 psi)
<b>22 inches – summer wheels</b>	3.1 bar (45 psi)	3.3 bar (48 psi)	2.9 bar (42 psi)	2.9 bar (42 psi)
<b>21 inches – winter wheels</b>	2.6 bar (38 psi)	2.8 bar (41 psi)	2.4 bar (35 psi)	2.5 bar (36 psi)
<b>22 inches – winter wheels</b>	2.8 bar (41 psi)	3.0 bar (44 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)
<b>21 inches – all-season</b>	2.6 bar (38 psi)	2.9 bar (42 psi)	2.4 bar (35 psi)	2.7 bar (39 psi)
<b>22 inches – all-season</b>	2.8 bar (41 psi)	3.0 bar (44 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)

Cayenne Turbo PHEV Coupé with GT package				
	Full load		Part load	
	Front axle	Rear axle	Front axle	Rear axle
<b>22 inches – summer wheels</b>	3.1 bar (45 psi)	3.1 bar (45 psi)	2.9 bar (42 psi)	2.9 bar (42 psi)
<b>21 inches – winter wheels</b>	2.5 bar (36 psi)	2.5 bar (36 psi)	2.3 bar (33 psi)	2.3 bar (33 psi)
<b>22 inches – winter wheels</b>	2.8 bar (41 psi)	2.8 bar (41 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)
<b>22 inches – all-season</b>	2.8 bar (41 psi)	2.8 bar (41 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)

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

- Irreparable damage to tires

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

**Information**

The 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 Basis / Cayenne Basis Coupé		
Wheels	Front axle	Rear axle
<b>20, 21, 22 inches – summer, winter all-season</b>	2.2 bar (32 psi)	2.2 bar (32 psi)

<b>Cayenne PHEV / Cayenne PHEV Coupé</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>20, 21 inches - summer, winter &amp; all-season</b>	2.2 bar (32 psi)	2.2 bar (32 psi)
<b>22 inches- summer, winter &amp; all-season</b>	2.2 bar (32 psi)	2.3 bar (33 psi)

<b>Cayenne S / Cayenne S Coupé</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>20, 21, 22 inches - summer, winter all-season</b>	2.2 bar (32 psi)	2.2 bar (32 psi)

<b>Cayenne S PHEV / Cayenne S PHEV Coupé</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>20, 21 inches - summer, winter &amp; all-season</b>	2.2 bar (32 psi)	2.2 bar (32 psi)
<b>22 inches - summer, winter &amp; all-season</b>	2.2 bar (32 psi)	2.3 bar (33 psi)

<b>Cayenne Turbo GT Coupé</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>22 inches - Summer &amp; Winter / 21 inches - winter</b>	2.2 bar (32 psi)	2.2 bar (32 psi)

<b>Cayenne Turbo PHEV / Cayenne Turbo PHEV Coupé</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>21 inches - summer, winter &amp; all-season</b>	2.2 bar (32 psi)	2.2 bar (32 psi)
<b>22 inches - summer, winter &amp; all-season</b>	2.4 bar (35 psi)	2.4 bar (35 psi)

<b>Cayenne GTS / Cayenne GTS Coupé</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>20, 21, 22 inches - summer, winter all-season</b>	2.2 bar (32 psi)	2.2 bar (32 psi)

<b>Cayenne Turbo PHEV Coupé with GT package</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>22 inches - Summer &amp; Winter / 21 inches - winter</b>	2.2 bar (32 psi)	2.2 bar (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)**

<b>Cayenne Turbo GT Coupé</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>22 inches - summer</b>	2.2 bar (32 psi)	2.2 bar (32 psi)

<b>Cayenne Turbo PHEV/ Cayenne Turbo PHEV Coupé</b>		
<b>Wheels</b>	<b>Front axle</b>	<b>Rear axle</b>
<b>21 inches - summer</b>	2.2 bar (32 psi)	2.2 bar (32 psi)
<b>22 inches - summer</b>	2.3 bar (33 psi)	2.3 bar (33 psi)

Cayenne GTS / Cayenne GTS Coupé		
Wheels	Front axle	Rear axle
21, 22 inches - summer	2.2 bar (32 psi)	2.2 bar (32 psi)

Cayenne Turbo PHEV Coupé with GT package		
Wheels	Front axle	Rear axle
22 inches - summer	2.2 bar (32 psi)	2.2 bar (32 psi)



**WARNING**

**Incorrectly installed snow chains**

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

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

Tire size	Porsche Part No.
<p><b>Only for 20 inches &amp; 21 inches winter wheels – RA only</b></p> <p>All-season tires are <b>not</b> approved for fitting snow chains</p>	9Y0.091.355.C

Snow chain approval 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 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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