Approved Wheels and Tires (40 / 22)

Revision: This bulletin replaces bulletin Group 4 23/22, dated May 27, 2022.

Model Year: **As of 2018**

Vehicle Type: **All Cayenne models (excluding 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 installed at the factory,
- approved original Porsche alloy wheels and
- approved summer, all-season and winter tires and their tire pressures.

Information: Approval status: July 2022

Sizes: **Permissible summer tires 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 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.

Tires	Tire sizes	Wheel sizes	Snow chains
Cayenne / Cayenne S			
Summer	FA: 255/55 ZR 19 (111Y) XL RA: 275/50 ZR 19 (112Y) XL	FA: 8.5 J x 19, RO 47 RA: 9.5 J x 19, RO 54	No
	FA: 275/45 ZR 20 (110Y) XL RA: 305/40 ZR 20 (112Y) XL	FA: 9.0 J x 20, RO 50 RA: 10.5 J x 20, RO 64	No
	FA: 285/40 ZR 21 (109Y) XL RA: 315/35 ZR 21 (111Y) XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21, RO 58	No
	FA: 285/35 ZR 22 (106Y) XL RA: 315/30 ZR 22 (107Y) XL	FA: 10.0 J x 22, RO 48 RA: 11.5 J x 22, RO 61	No
Winter	FA: 255/55 R 19 111V XL RA: 275/50 R 19 112V XL	FA: 8.5 J x 19, RO 47 RA: 9.5 J x 19, RO 54	RA only 9Y0.044.690.A
	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	FA: 9.0 J x 20, RO 50 RA: 10.5 J x 20, RO 64	RA only 9Y0.044.690.A
	FA: 275/40 R 21 107V XL RA: 305/35 R 21 109V XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21, RO 58	RA only 9Y0.044.690.A
All Season *)	FA: 255/55 R 19 111V XL RA: 275/50 R 19 112V XL	FA: 8.5 J x 19, RO 47 RA: 9.5 J x 19, RO 54	RA only 9Y0.044.690.A
	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	FA: 9.0 J x 20, RO 50 RA: 10.5 J x 20, RO 64	RA only 9Y0.044.690.A
	FA: 285/40 ZR 21 109V XL RA: 315/35 ZR 21 111V XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21, RO 58	No

Tires	Tire sizes	Wheel sizes	Snow chains
Cayenne Turbo / Cayenne Turbo S PHEV / Cayenne GTS			
Summer	FA: 285/40 ZR 21 (109Y) XL RA: 315/35 ZR 21 (111Y) XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21 H2, RO 58	No
	FA: 285/35 ZR 22 (106Y) XL RA: 315/30 ZR 22 (107Y) XL	FA: 10.0 J x 22, RO 48 RA: 11.5 J x 22, RO 61	No
Winter	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	FA: 9.0 J x 20, RO 50 RA: 10.5 J x 20, RO 64	RA only 9Y0.044.690.A

	FA: 275/40 R 21 107V XL RA: 305/35 R 21 109V XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21, RO 58	RA only 9Y0.044.690.A
All Season	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	FA: 9.0 J x 20, RO 50 RA: 10.5 J x 20, RO 64	RA only 9Y0.044.690.A
	FA: 285/40 ZR 21 109V XL RA: 315/35 ZR 21 111V XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21, RO 58	No

Tires	**Tire sizes**	**Wheel sizes**	**Snow chains**
Cayenne PHEV			
Summer	FA: 255/55 ZR 19 (111Y) XL RA: 275/50 ZR 19 (112Y) XL	FA: 8.5 J x 19, RO 47 RA: 9.5 J x 19, RO 54	No
	FA: 275/45 ZR 20 (110Y) XL RA: 305/40 ZR 20 (112Y) XL	FA: 9.0 J x 20, RO 50 RA: 10.5 J x 20, RO 64	No
	FA: 285/40 ZR 21 (109Y) XL RA: 315/35 ZR 21 (111Y) XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21, RO 58	No
	FA: 285/35 ZR 22 (106Y) XL RA: 315/30 ZR 22 (107Y) XL	FA: 10.0 J x 22, RO 48 RA: 11.5 J x 22, RO 61	No
Winter	FA: 255/55 R 19 111V XL RA: 275/50 R 19 112V XL	FA: 8.5 J x 19, RO 47 RA: 9.5 J x 19, RO 54	RA only 9Y0.044.690.A
	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	FA: 9.0 J x 20, RO 50 RA: 10.5 J x 20, RO 64	RA only 9Y0.044.690.A
	FA: 275/40 R 21 107V XL RA: 305/35 R 21 109V XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21, RO 58	RA only 9Y0.044.690.A

All Season	FA: 255/55 R 19 111V XL RA: 275/50 R 19 112V XL	FA: 8.5 J x 19, RO 47 RA: 9.5 J x 19, RO 54	RA only 9Y0.044.690.A
	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	FA: 9.0 J x 20, RO 50 RA: 10.5 J x 20, RO 64	RA only 9Y0.044.690.A
	FA: 285/40 ZR 21 109V XL RA: 315/35 ZR 21 111V XL	FA: 9.5 J x 21, RO 46 RA: 11.0 J x 21, RO 58	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

19-inch wheel “Cayenne”

Not for Coupe

FA: 8.5 J x 19 H2, RO 47
Part No.: 9Y0.601.025.AR FFF

RA: 9.5 J x 19 H2, RO 54
Part No.: 9Y0.601.025.AS FFF

19-inch Cayenne wheel

19-inch wheel “Cayenne S”

Not for Coupe

FA: 8.5 J x 19 H2, RO 47
Part No.: 9Y0.601.025.AT FFF

RA: 9.5 J x 19 H2, RO 54
Part No.: 9Y0.601.025.BA FFF

19-inch Cayenne S wheel

20-inch wheel “Cayenne Design III”

FA: 9.0 J x 20 H2, RO 50
Part No.: 9Y0.601.025.BD FFF

RA: 10.5 J x 20 H2, RO 64 Part No.: 9Y0.601.025.BE FFF

20-inch Cayenne Design III wheel

20-inch wheel “Cayenne Sport Design III”

FA: 9.0 J x 20 H2, RO 50
Part No.: 9Y0.601.025.BB FFF

RA: 10.5 J x 20 H2, RO 64
Part No.: 9Y0.601.025.BC FFF

20-inch Cayenne Sport Design III wheel

20-inch wheel “TEQ”

FA: 9.0 J x 20 H2, RO 50
Part No.: 9Y0.601.025.BP FFF

RA: 10.5 J x 20 H2, RO 64 Part No.: 9Y0.601.025.BQ FFF

20-inch TEQ

21-inch wheel “RS Spyder Design”

FA: 9.5 J x 21 H2, RO 46
Part No.: 9Y0.601.025.BF FFF

RA: 11.0 J x 21 H2, RO 58 Part No. 9Y0.601.025.BG FFF

21-inch RS Spyder Design wheel

21-inch wheel “Cayenne Turbo / Turbo Design”

FA: 9.5 J x 21 H2, RO 46
Part No.: 9Y0.601.025.BK FFF

RA: 11.0 J x 21 H2, RO 58
Part No.: 9Y0.601.025.BL FFF

21-inch Cayenne Turbo / Turbo Design wheel

21-inch wheel “EXC / TEQ”

FA: 9.5 J x 21 H2, RO 46
Part No.: 9Y0.601.025.BH FFF

RA: 11.0 J x 21 H2, RO 58 Part No.: 9Y0.601.025.BJ FFF

21-inch Cayenne EXC / TEQ wheel

21-inch wheel “P-HEV”

FA: 9.5 J x 21 H2, RO 46
Part No.: 9Y0.601.025.BM FFF

RA: 11.0 J x 21 H2, RO 58 Part No.: 9Y0.601.025.BN FFF

21-inch P-HEV

22-inch wheel “911 Turbo V Design”

FA: 10.0 x 22 H2, RO 48
Part No.: 9Y0.601.025.BR FFF

RA: 11.5 J x 22 H2, RO 61
Part No.: 9Y0.601.025.BS FFF

Basic, Basic PHEV: only together with PSCB / PCCB

22-inch 911 Turbo V Design wheel

22-inch “Sport Classic II (EXC / TEQ)” wheel

FA: 10.0 x 22 H2, RO 48
Part No.: 9Y0.601.025.AP FFF
RA: 11.5 J x 22 H2, RO 61
Part No.: 9Y0.601.025.AQ FFF
Part No.: 9Y0.601.029.AQ FFF

22-inch “Sport Classic II (EXC / TEQ)” 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.

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 (N0, N1, N2, ...) on a vehicle.**

Summer Tires:

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
Cayenne, Cayenne S, Cayenne PHEV	FA: 255/55 ZR 19 (111Y) XL RA: 275/50 ZR 19 (112Y) XL	Continental ContiSportContact 5 N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/482610 RA: https://eprel.ec.europa.eu/qr/482489
		Bridgestone Dueler H/P Sport N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/383169 RA: https://eprel.ec.europa.eu/qr/383277
		Michelin Latitude Sport 3 N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/409471 RA: https://eprel.ec.europa.eu/qr/412039
	FA: 275/45 ZR 20 (110Y) XL RA: 305/40 ZR 20 (112Y) XL	Bridgestone Dueler H/P Sport N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/383267 RA: https://eprel.ec.europa.eu/qr/383340
		Pirelli P Zero N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/595288 RA: https://eprel.ec.europa.eu/qr/595289
		Continental ContiSportContact 5P N0

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
		(asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/482587 RA: https://eprel.ec.europa.eu/qr/482609
	FA: 285/40 ZR 21 (109Y) XL RA: 315/35 ZR 21 (111Y) XL	Pirelli P Zero N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/595290 RA: https://eprel.ec.europa.eu/qr/595291
		Pirelli P Zero Corsa N0 (asymmetrical, Inside/Outside, mounting on specified side only, only for vehicles with PDCC up to week 25/19 and with PASM from week 25/19) FA: https://eprel.ec.europa.eu/qr/596002 RA: https://eprel.ec.europa.eu/qr/596001
		Hankook Ventus S1 evo3 SUV N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/488760 RA: https://eprel.ec.europa.eu/qr/488761
		Bridgestone Dueler H/P Sport N0 (asymmetrical, Inside/Outside, mounting on specified side only) Reduced towing capacity (3,000 kg) for Cayenne PHEV vehicles in North America FA: https://eprel.ec.europa.eu/qr/383306 RA: https://eprel.ec.europa.eu/qr/383348
	FA: 285/35 ZR 22 (106Y) XL RA: 315/30 ZR 22 (107Y) XL	Pirelli P Zero N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/595338 RA: https://eprel.ec.europa.eu/qr/595339
		Michelin Pilot Sport 4S N0 (Inside/Outside, mounting on specified side only)

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
		FA: https://eprel.ec.europa.eu/qr/411390 RA: https://eprel.ec.europa.eu/qr/411934
		Yokohama ADVAN Sport V105 N0 (Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/578200 RA: https://eprel.ec.europa.eu/qr/578215
Cayenne Turbo, Cayenne Turbo S PHEV, Cayenne GTS	FA: 285/40 ZR 21 (109Y) XL RA: 315/35 ZR 21 (111Y) XL	Pirelli P Zero N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/595290 RA: https://eprel.ec.europa.eu/qr/595291
		Pirelli P Zero Corsa N0 (asymmetrical, Inside/Outside, mounting on specified side only, only for vehicles with PDCC up to week 25/19 and with PASM from week 25/19) FA: https://eprel.ec.europa.eu/qr/596002 RA: https://eprel.ec.europa.eu/qr/596001
		Hankook Ventus S1 evo3 SUV N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/488760 RA: https://eprel.ec.europa.eu/qr/488761
		Bridgestone Dueler H/P Sport N0 (asymmetrical, Inside/Outside, mounting on specified side only) Reduced towing capacity (3,000 kg) for Cayenne PHEV vehicles in North America FA: https://eprel.ec.europa.eu/qr/383306 RA: https://eprel.ec.europa.eu/qr/383348
	FA: 285/35 ZR 22 (106Y) XL RA: 315/30 ZR 22 (107Y) XL	Pirelli P Zero N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/595338

		RA: https://eprel.ec.europa.eu/qr/595339
		Michelin Pilot Sport 4S N0 (Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/411390 RA: https://eprel.ec.europa.eu/qr/411934
		Yokohama ADVAN Sport V105 N0 (Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/578200 RA: https://eprel.ec.europa.eu/qr/578215

Winter tires:

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
Cayenne, Cayenne S, Cayenne PHEV	FA: 255/55 R 19 111V XL RA: 275/50 R 19 112V XL	Michelin Pilot Alpin 5 SUV N0 (symmetrical, directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/411180 RA: https://eprel.ec.europa.eu/qr/409808
		Pirelli Scorpion Winter N0 (symmetrical, directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/595229 RA: https://eprel.ec.europa.eu/qr/595230
	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	Michelin Pilot Alpin 5 SUV N0 (symmetrical, directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/412256 RA: https://eprel.ec.europa.eu/qr/411641
		Continental WinterContact TS830 P N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/482563 RA: https://eprel.ec.europa.eu/qr/481546
		Pirelli Scorpion Winter N0

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
		(symmetrical, directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/595714 RA: https://eprel.ec.europa.eu/qr/595715
	FA: 275/40 R 21 107V XL RA: 305/35 R 21 109V XL	Pirelli Scorpion Winter N0 (symmetrical, directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/595566 RA: https://eprel.ec.europa.eu/qr/595567
		Michelin Pilot Alpin 5 SUV N0 (directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/411986 RA: https://eprel.ec.europa.eu/qr/409048
		Continental WinterContact TS860 S N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/482689482689 RA: https://eprel.ec.europa.eu/qr/481372481372
Cayenne Turbo, Cayenne Turbo S PHEV, Cayenne GTS	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	Michelin Pilot Alpin 5 SUV N0 (symmetrical, directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/412256 RA: https://eprel.ec.europa.eu/qr/411641
		Continental WinterContact TS830 P N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/482563 RA: https://eprel.ec.europa.eu/qr/481546
		Pirelli Scorpion Winter N0 (symmetrical, directional, direction of rotation-related mounting)

		FA: https://eprel.ec.europa.eu/qr/595714 RA: https://eprel.ec.europa.eu/qr/595715
	FA: 275/40 R 21 107V XL RA: 305/35 R 21 109V XL	Pirelli Scorpion Winter N0 (symmetrical, directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/595566 RA: https://eprel.ec.europa.eu/qr/595567
		Michelin Pilot Alpin 5 SUV N0 (directional, direction of rotation-related mounting) FA: https://eprel.ec.europa.eu/qr/411986 RA: https://eprel.ec.europa.eu/qr/409048
		Continental WinterContact TS860 S N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/482689482689 RA: https://eprel.ec.europa.eu/qr/481372481372

All-Season Tires:

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
Cayenne, Cayenne S, Cayenne PHEV	FA: 255/55 R 19 111V XL RA: 275/50 R 19 112V XL	Michelin Pilot Sport A/S 3 N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/411303 RA: https://eprel.ec.europa.eu/qr/410635
		Continental ContiProContact TX N0 (symmetrical, Inside/Outside, mounting on specified side only) FA/RA: No offer in the EU
		Pirelli Scorpion Verde A/S N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/595234

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
		RA: https://eprel.ec.europa.eu/qr/595235
		Bridgestone Alenza Sport A/S N0 (symmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/383149 RA: https://eprel.ec.europa.eu/qr/383268
	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	Michelin Pilot Sport A/S 3 N1 (Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/411508 RA: https://eprel.ec.europa.eu/qr/411127
		Pirelli Scorpion Verde A/S N1 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/594661 RA: https://eprel.ec.europa.eu/qr/595233
		Yokohama AVID GT S35 N0 (symmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/578219 RA: https://eprel.ec.europa.eu/qr/578225
	FA: 285/40 R 21 109V XL RA: 315/35 R 21 111V XL	Pirelli Scorpion Verde A/S N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/595231 RA: https://eprel.ec.europa.eu/qr/595232
		Continental ProContact TX N0 (symmetrical, Inside/Outside, mounting on specified side only) FA/RA: No offer in the EU **PHEV: Not for NAR (incl. Canada and Puerto Rico)**
		Yokohama AVID GT S35 N0 (symmetrical, Inside/Outside, mounting on specified side only)

Model	Tire sizes	Tire make and type / Label value (Link to EU database)
		FA: https://eprel.ec.europa.eu/qr/578230 RA: https://eprel.ec.europa.eu/qr/578235 **PHEV: Not for NAR (incl. Canada and Puerto Rico)**
Cayenne Turbo, Cayenne Turbo S PHEV, Cayenne GTS	FA: 275/45 R 20 110V XL RA: 305/40 R 20 112V XL	Michelin Pilot Sport A/S 3 N1 (Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/411508 RA: https://eprel.ec.europa.eu/qr/411127
		Pirelli Scorpion Verde A/S N1 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/594661 RA: https://eprel.ec.europa.eu/qr/595233
		Yokohama AVID GT S35 N0 (symmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/578219 RA: https://eprel.ec.europa.eu/qr/578225
	FA: 285/40 R 21 109V XL RA: 315/35 R 21 111V XL	Pirelli Scorpion Verde A/S N0 (asymmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/595231 RA: https://eprel.ec.europa.eu/qr/595232
		Continental ProContact TX N0 (symmetrical, Inside/Outside, mounting on specified side only) FA/RA: No offer in the EU
		Yokohama AVID GT S35 N0 (symmetrical, Inside/Outside, mounting on specified side only) FA: https://eprel.ec.europa.eu/qr/578230 RA: https://eprel.ec.europa.eu/qr/578235

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 permissable, 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

	Part load		Full load	
Cayenne, Cayenne S	**Front axle**	**Rear axle**	**Front axle**	**Rear axle**
19-, 20-, 21-, 22-inch summer tires	2.4 bar (35 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)	2.8 bar (41 psi)
19-, 20-, 21-inch winter / all-season tires	2.4 bar (35 psi)	2.6 bar (38 psi)	2.6 bar (38 psi)	2.8 bar (41 psi)

	Part load		Full load	
Cayenne PHEV	**Front axle**	**Rear axle**	**Front axle**	**Rear axle**
19-, 20-, 21-inch summer tires	2.6 bar (38 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)	3.0 bar (44 psi)
22-inch summer tires	2.6 bar (38 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)	3.1 bar (45 psi)
19-, 20-, 21-inch winter / all-season tires	2.6 bar (38 psi)	2.7 bar (39 psi)	2.8 bar (41 psi)	3.0 bar (44 psi)

	Part load		Full load	
Cayenne Turbo, Cayenne GTS	**Front axle**	**Rear axle**	**Front axle**	**Rear axle**
21-inch summer tires	2.6 bar (38 psi)	2.6 bar (38 psi)	2.7 bar (39 psi)	2.9 bar (42 psi)
22-inch summer tires	2.7 bar (39 psi)	2.8 bar (41 psi)	2.9 bar (41 psi)	3.3 bar (48 psi)
20-, 21-inch winter / all-season tires	2.6 bar (38 psi)	2.6 bar (38 psi)	2.7 bar (39 psi)	2.9 bar (42 psi)

	Part load		Full load	
Cayenne Turbo S PHEV	**Front axle**	**Rear axle**	**Front axle**	**Rear axle**
21-inch summer tires	2.8 bar (41 psi)	2.8 bar (41 psi)	3.0 bar (44 psi)	3.2 bar (46 psi)
22-inch summer tires	3.0 bar (44 psi)	3.1 bar (45 psi)	3.1 bar (45 psi)	3.4 bar (49 psi)
21-inch winter / all-season 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 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”).

	Front axle	Rear axle
Cayenne, Cayenne S 19-, 20-, 21-inch summer / winter / all-season tires	2.2 bar (32 psi)	2.4 bar (35 psi)
Cayenne Turbo S PHEV, 21-inch summer / winter / all-season tires	2.6 bar (38 psi)	2.7 bar (39 psi)
Cayenne Turbo S PHEV, 22-inch summer / winter- / all-season tires	2.7 bar (39 psi)	2.9 bar (41 psi)

	Front axle	Rear axle
Cayenne Turbo, Cayenne GTS, 21-inch summer / winter- / all-season tires	2.4 bar (35 psi)	2.4 bar (35 psi)
Cayenne Turbo, Cayenne GTS, 22-inch summer / winter- / all-season tires	2.6 bar (38 psi)	2.7 bar (39 psi)
Cayenne PHEV 19-, 20-, 21-inch summer / winter / all-season tires	2.4 bar (35 psi)	2.5 bar (36 psi)

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

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

– Only for c-options C00, C05, C07, C09, C10, C11, C12, C13, C16, C, 19, C20, C21, C22, C26, C27, C28, C32, C46, C98, C99

	Front axle	Rear axle
Cayenne Turbo S PHEV 21-inch summer tires	2.6 bar (38 psi)	2.7 bar (39 psi)
Cayenne Turbo S PHEV 22-inch summer tires	2.7 bar (39 psi)	2.9 bar (41 psi)
Cayenne Turbo 22-inch summer tires	2.6 bar (38 psi)	2.7 bar (39 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.
for all winter and all-season — RA only 21-inch all-season tires are not approved for installing snow chains	9Y0.044.690.A

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.

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