

Suspension alignment settings

The following specifications refer to the curb weight to DIN 70020. This means: Full fuel tank, spare tire and tools in vehicle.

Differing settings for U.S. vehicles are given in brackets.

Front axle

	Carrera 2/4	Turbo-Look America- Roadster	Carrera RS	Carrera RS America	Speedster
Height adjustm.* mm	165 ± 10 (175 ± 10)	165 ± 10 (175 ± 10)	125 ± 5	175 ± 10	165 ± 10 (175 ± 10)
max. left—to-right difference mm	10	10	5	10	10
Toe, unpressed (total)	+ 25' ± 5'	+ 25' ± 5'	+ 25' ± 5'	+ 15' ± 5'***	+ 15' ± 5'
Toe difference angle at 20° steering lock Can be modified only by replacing the steering arms	- 40' ± 30'	- 1° 20' ± 30'	- 1° 50' ± 30'	- 40' ± 30'	- 40' ± 30'
Camber (with wheels in straight ahead position)	0° ± 10'	0° ± 10'	- 1° ± 10'	- 15' ± 10'***	- 15' ± 10'
max. left-to-right difference	10'	"	"	"	"
Caster ***	4° 25' + 15' - 30'	"	"	"	"
max. left-to-right difference	15'	"	"	"	"

* From road surface contact area of wheel to outer mounting hex bolt - "Crossmember to body".

** Modified values that are also applicable retroactively.

*** The tolerance of the caster setting was changed during the 1992 MY from 4°25' ± 15' to 4°25' (+ 15', - 30'). The modified tolerance is also applicable retroactively. The specified - max. left-hand to right-hand difference of 15' - remains valid.

Rear axle

Differing settings for U.S. vehicles are given in brackets.

	Carrera 2/4	Turbo-Look America- Roadster	Carrera RS	Carrera RS America	Speedster
Height adjustment:					
From road contact surface to meas. point at control arm mm	258 ± 5 (268 ± 5)	258 ± 5 (268 ± 5)	223 ± 5	268 ± 5	258 ± 5 (268 ± 5)
From road contact surface to meas. point at outer control arm mount mm (body side)*	270 ± 5 (280 ± 5)	270 ± 5 (280 ± 5)	235 ± 5	280 ± 5	270 ± 5 (280 ± 5)
max. left-to-right difference mm	10	10	5	10	10
Toe-in per wheel	+ 10' ± 5****	"	"	"	"
max. left-to-right difference	10'	"	"	"	"
Camber	- 40' ± 10****	-45' ± 10' (- 45' max. - 55' min. - 15')	- 1° 15' ± 10'	- 45' max. - 55' min. - 15'***	- 45' ± 10' (- 45' max. - 55' min. - 15')
max. left-to-right difference	20'	"	"	"	"

* Use this measuring point if it is provided (refer to page 44 - 4).

** Modified values that are also applicable retroactively.

*** **Modified rear-axle settings** (camber and toe-in) for service. **Former settings:** Toe-in (per wheel) = + 15' ± 5' / camber = - 20' ± 10'

The **new values** are applicable **retroactively** to suspension alignment operations on all Carrera 2/4 vehicles from the start of production.