

BMW Group - AIR: 2021-12-25 / 19:44  
 Dealer: 32711/06  
 Model: X7 M50i  
 Development code: G07  
 Model code: CX63  
 Lead type: CX63

#### Technical Data combination

### 3200 Technical data overview

COM-TED-3200 - V.25

### 3200 Technical data overview

<b>DIN normal position loading</b>		
		Vehicle has a full tank. Vehicle is completely assembled.
	<b>Per front seat (seat in center position)</b>	68 kg
	<b>On the center rear seat</b>	68 kg
	<b>Centered in the trunk</b>	21 kg

<b>Ride height with vehicle load tolerance</b>		
	<b>Minimum value</b>	min. - 20 mm
	<b>Maximum value</b>	max. + 40 mm

<b>Tolerance for ride height at design level</b>		
	<b>Tolerance for setpoint value</b>	max. 2 mm
	<b>Difference between left and right</b>	max. 2 mm

<b>Tolerance for ride height in normal position</b>		
	<b>Tolerance for setpoint value</b>	max. 10 mm
	<b>Difference between left and right</b>	max. 10 mm

<b>Wheel alignment, rear axle G07</b>		
* To minimize adjustment errors (measuring inaccuracies), use a narrower tolerance for the track/camber adjustment!	<b>Total toe-in</b>	0° 10' +/-12'
	<b>Total toe-in adjustment*</b>	0° 10' +/-4'
	<b>Toe difference single wheel between left/ right</b>	max. 12'
	<b>Camber (difference between left/right max. 30°)</b>	-1° 30' +/-25'
	<b>Camber adjustment*</b>	-1° 30' +/-05'
	<b>Geometrical driving axis</b>	0° +/- 12'

<b>Wheel alignment of front axle G07</b>		
* To minimize adjustment errors (measuring inaccuracies), use a narrower tolerance for the track/camber adjustment! Track difference front axle = criterion for steering wheel inclination	<b>Total toe-in</b>	0° 06' +/- 10'

### Wheel alignment of front axle G07 Alpina

\* In order to minimize setting errors (measuring inaccuracies), a tighter tolerance must be used for setting the toe/camber! Toe difference angle of front axle = Criterion for steering wheel inclination

Total toe-in	0° 12' +/- 10'
Total toe-in adjustment*	0° 12' +/- 4'
Toe difference single wheel between left/ right	max. 12'
Camber (difference between left/right max. 30°)	-0° 52' +/- 30'
Camber adjustment*	-0° 52' +/- 25'
Toe difference angle (difference between left and right)	max. 20'
Caster angle (difference between left and right)	max. 30'
Front wheel offset	0° +/- 15'
Largest steering angle on inside cornering wheel	Approx. 38° 13'
Largest steering angle on outer cornering wheel	Approx. 32° 02'

### Wheel alignment of rear axle G07 Alpina

\* In order to minimize setting errors (measuring inaccuracies), a tighter tolerance must be used for setting the toe/camber!

Total toe-in	0° 16' +/- 12'
Total toe-in adjustment*	0° 16' +/- 4'
Toe difference single wheel between left/ right	max. 12'
Camber (difference between left/right max. 30°)	-1° 30' +/- 25'
Camber adjustment*	-1° 30' +/- 05'
Geometrical driving axis	0° +/- 12'