

3200 Overview of Technical Data

DIN normal position loading	
	Vehicle has a full tank.
	Vehicle is completely assembled.
	Per front seat (seat in centre position)
	68 kg
	On the centre rear seat
	68 kg
	Centred in the luggage compartment
	21 kg

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

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

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

Wheel alignment of front axle G07

* To minimise adjustment errors (measuring inaccuracies), use a narrower tolerance for the toe/camber adjustment!
Toe difference front axle = criterion for steering wheel inclination

Total toe-in

0° 06' +/- 10'

Total toe-in adjustment*

0° 06' +/- 4'

Toe difference on single wheel between left/right

max. 12'

Camber (difference between left/right max. 30')

-0° 22' +/- 30'

Camber adjustment*

-0° 22' +/- 25'

Toe difference angle (difference between left and right)

max. 20'

Castor angle (difference between left and right)

max. 30'

Front wheel offset

0° +/- 15'

Largest steering angle on inner cornering wheel

approx. 38° 13'

Largest steering angle on outer cornering wheel

Approx. 32° 02'

Wheel alignment, rear axleG07

* To minimise adjustment errors (measuring inaccuracies), use a narrower tolerance for the toe/camber adjustment!

Total toe-in

0° 10' +/-12'

Total toe-in adjustment*

0° 10' +/-4'

Toe difference on 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

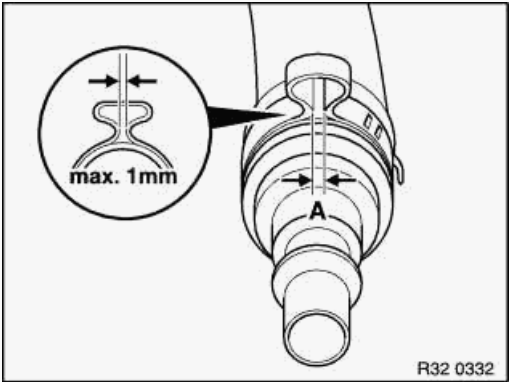
0° +/- 12'

3213 Overview of tightening torques

Steering box to front axle support			
M12 Renew screws. Tighten crosswise.	Jointing torque		100Nm
	Angle of rotation		90°

3221 Overview of Technical Data

Ear hose clamp gap dimension



R32 0332

Dimension [A]

max. 1 mm

3221 Overview of tightening torques

Track rod end to swivel bearing			
M14 Renew nut.		Tightening torque	175Nm
Track rod end to track rod			
		Tightening torque	32Nm
Track rod to steering box			
		Tightening torque	105Nm

3231 Overview of tightening torques

Bearing plate to bulkhead			
M6		Tightening torque	8Nm
Cover to bulkhead			
Plastic nut		Tightening torque	2.5Nm
Lower steering shaft to steering column			
M8 Recut screw thread. Renew clamping bolt. No retorquing permitted!		Tightening torque	28Nm
Steering column to dashboard support			
M8		Tightening torque	21Nm
Steering shaft to universal joint			
M8 Recut screw thread. Renew clamping bolt. No retorquing permitted!		Tightening torque	28Nm
Universal joint to steering box			
M8 Recut screw thread. Renew clamping bolt. No retorquing permitted!		Tightening torque	28Nm

3233 Overview of tightening torques

Balance weight/vibration actuator on steering wheel		
Screw	Tightening torque	2,2Nm
Grounding cable to steering wheel		
Screw	Tightening torque	2Nm
Steering wheel to steering column		
M14 Only for a micro-encapsulated screw: Renew screw.	Tightening torque	62,5Nm
Steering wheel to steering column		
M14 Only for a micro-encapsulated screw: Renew screw.	Tightening torque	62,5Nm

32 operating fluid overview

Expendable materials

Lubricating grease FB-1	100 g, Tube	83 23 2 208 093
-------------------------	----------------	-----------------