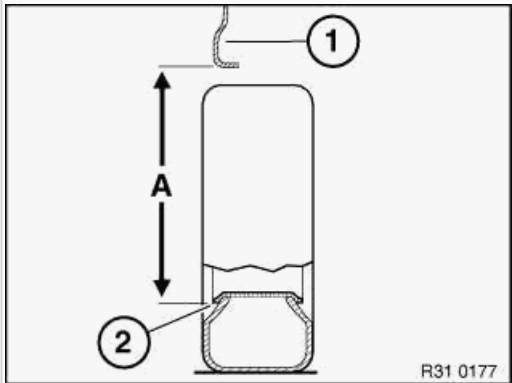


3100 Overview of Technical Data

Front axle G07 ride height, all versions

Ride height (A): Measured from bottom centre of rim flange (1) to lower edge of wheel arch (2).



20" wheel rim	731 mm
21" wheel rim	743 mm
22" wheel rim	756 mm

Track width of front axle G07

Rim offset 32

1690 mm

Rim offset 35

1684 mm

Rim offset 36

1682 mm

WheelbaseG07

3105 mm

3100 Overview of tightening torques

Bracket to body			
M8		Tightening torque	19Nm
Stationary heating system on holder			
M8		Tightening torque	19Nm

3110 Overview of tightening torques

Bottom bumper support on front axle support			
M8 Renew screws.		Tightening torque	19Nm
Front axle carrier to body, front			
M12 Renew screw.		Jointing torque	100Nm
		Angle of rotation	90째
Front axle carrier to body, middle			
M12 Renew screw.		Jointing torque	100Nm
		Angle of rotation	90째
Front axle carrier to body, rear			
M14 Renew screw.		Jointing torque	100Nm
		Angle of rotation	90째
Front stiffening plate on front axle support			
M8 Renew screws.		Tightening torque	19Nm
Stiffening plate to front axle support			
M10 Renew screws.		Jointing torque	56Nm
		Angle of rotation	90째

3111 Overview of tightening torques

Bracing strut on engine support

M12
Renew screw.

Tightening torque

108Nm

Bracing strut to front axle support

M12
Renew screw.

Tightening torque

108Nm

Engine mount bracing strut on body

M12

Tightening torque

108Nm

Engine mount bracing strut on front axle support

M12

Tightening torque

108Nm

3112 Overview of tightening torques

Absorber weight on bottom wishbone			
M12 Renew screw and nut.		Tightening torque	108Nm
Lower wishbone to front axle carrier			
M14 Renew screw and nut.		Jointing torque	165Nm
Tighten the screw connection in normal position!		Angle of rotation	90°
Lower wishbone to swivel bearing			
M16 Renew nut.		Jointing torque	100Nm
		Angle of rotation	90°
Tension strut to front axle support			
M14 Renew lock nut and bolt.		Tightening torque	165Nm
Tighten in normal position.		Angle of rotation	90°
Tension strut to swivel bearing			
M16 Renew nut.		Jointing torque	100Nm
		Angle of rotation	90°
Upper wishbone to body			
M10 Renew screw and nut/nut clip.		Jointing torque	38Nm
		Angle of rotation	90°
Upper wishbone to swivel bearing			
M10 Renew screw and nut.		Tightening torque	56Nm

3121 Overview of tightening torques

Wheel bearing to swivel bearing			
M12 Renew spherical collar screws.	Jointing torque		120Nm
	Angle of rotation		90°

3131 Overview of tightening torques

Front spring strut support bearing to body

M8
Renew screws.

Tightening torque

28Nm

Spring strut holder on front spring strut

M10
Renew screw.

Jointing torque

42Nm

Angle of rotation

90°

Spring strut holder to lower wishbone

M14
Renew screw and nut.
Tighten the screw connection in normal position!

Jointing torque

165Nm

Angle of rotation

90°

3135 Overview of tightening torques

Anti-roll bar link on swivel bearing			
M12 Renew nut.		Tightening torque	100Nm
Anti-roll bar link to anti-roll bar			
M12 Renew nut.		Tightening torque	100Nm
Holder, stabilizer mounting to front axle support			
M12 Renew screw.		Tightening torque	100Nm

3150 Overview of Technical Data

Front axle transmission oil	
	Front axle differential capacity
	450 ml

3150 Overview of tightening torques

Front axle final drive to engine oil pan		
M12	Tightening torque	140Nm
Screw plug to front axle transmission		
M22 Renew screw plug with O-ring.	Tightening torque	60Nm

3160 Overview of tightening torques

Bearing support to oil sump			
M8		Tightening torque	19Nm
Output shaft to wheel bearing			
M16 Renew collar bolt and spring.		Jointing torque	210Nm
		Angle of rotation	90°
Output shaft to wheel bearing			
M16 Replace collar bolt and spring.		Jointing torque	210Nm
		Angle of rotation	90°

31 operating fluid overview

Transmission oil

Technically suitable front axle transmission oils

[Main group 31](#)