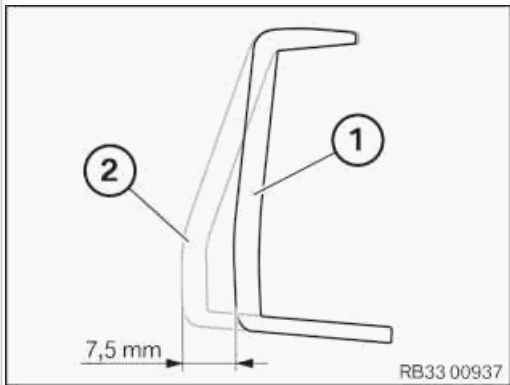


Ride height of rear axle G07 standard wheel arch trim

Measured from bottom centre of rim flange to lower edge of wheel arch trim.

- (1)=Standard wheel arch trim;
- (2)=wheel arch widening (optional equipment 22" tyres)

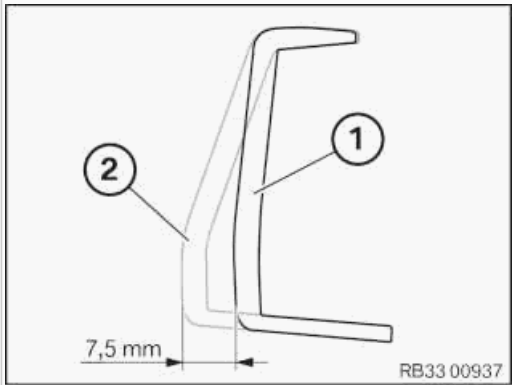


20" wheel rim	731 mm
21" wheel rim	743 mm
22" wheel rim	756 mm

Ride height of rear axle G07 with wheel arch widening

Measured from bottom centre of rim flange to lower edge of wheel arch trim.

- (1)=Standard wheel arch trim;
(2)=wheel arch widening (optional equipment 22" tyres)



20" wheel rim	
	733 mm
21" wheel rim	
	745 mm
22" wheel rim	
	757 mm

Track width of rear axle G07

Rim offset 35	1705 mm
Rim offset 36	1703 mm
Rim offset 43	1689 mm

3300 Overview of tightening torques

Heat shield on vehicle underbody			
Thermoplastic hexagon screw		Tightening torque	2,6Nm
Plastic nut		Tightening torque	2,6Nm
Heat shield to servomotor holder			
M5		Tightening torque	4,5Nm
Heat shield to vehicle underbody			
Screws and nuts		Tightening torque	3Nm
Rear axle cover holder on rear axle differential suspension			
M12		Tightening torque	18Nm
Rear axle cover on holder/rear axle differential			
Thermoplastic hexagon screw		Tightening torque	2,6Nm
M6		Tightening torque	9Nm

3311 Overview of tightening torques

Lid to rear axle differential			
M12		Tightening torque	140Nm
Rear axle differential oil filler plug			
M22 Renew the oil filler plug.		Tightening torque	60Nm

3317 Overview of tightening torques

Rear axle differential to rear right rear axle support

M10 Renew screw.	Jointing torque	56Nm
	Angle of rotation	90°

Rear differential to rear axle carrier, front

M12 Renew screw.	Jointing torque	100Nm
	Angle of rotation	90°

Rear differential to rear axle carrier, rear

M14 Renew screw and nut.	Jointing torque	165Nm
	Angle of rotation	90°

3332 Overview of tightening torques

Bearing support of track control arm to rear axle support		
M14	Tightening torque	165Nm

Camber control arm to rear axle support		
M14 Renew bolt, nut and eccentric washer. Tighten in normal position.	Tightening torque	175Nm

Camber control arm to wheel carrier		
M14 Renew screw and nut.	Jointing torque	165Nm
	Angle of rotation	90°

Connection carrier to body		
M10	Jointing torque	56Nm
	Angle of rotation	90°

Control arm to rear axle support		
M14 Renew screw and nut.	Jointing torque	165Nm
	Angle of rotation	90°

Control arm to wheel carrier		
M16 Renew screw.	Jointing torque	165Nm
	Angle of rotation	90°

Cover to camber control arm		
Thermoplastic oval-head screw	Tightening torque	3Nm

Toe arm to wheel carrier		
M14 Renew screw. Tighten in normal position.	Tightening torque	165Nm
	Angle of rotation	90°

Track control arm to track control arm bearing support		
M12 Renew screw. Tighten in normal position.	Tightening torque	100Nm
	Angle of rotation	90°

Trailing arm to rear axle support

M12
Renew screw and nut.

Jointing torque 165Nm

Angle of rotation 90°

Trailing arm to wheel carrier

M12
Renew screw and nut. Tightening via screw.

Jointing torque 165Nm

Angle of rotation 90°

Upper wishbone to rear axle carrier

M14
Renew bolt, nut and eccentric washer.
Tighten in normal position.

Tightening torque 175Nm

Upper wishbone to wheel carrier

M14
Renew screw and nut.

Jointing torque 165Nm

Angle of rotation 90°

3333 Overview of tightening torques

Compression strut on body		
M10 Renew screws.	Jointing torque	56Nm
	Angle of rotation	45°
Rear axle carrier to body		
M14 Renew screw.	Tightening torque	185Nm

3334 Overview of tightening torques

HSR actuator ground cable to body		
Renew nut.	Tightening torque	8Nm
HSR actuator ground cable to rear axle support		
M6	Tightening torque	12Nm
HSR actuator to rear axle support (bottom)		
M12 Renew screw and nut.	Jointing torque	100Nm
	Angle of rotation	90°
HSR actuator to rear axle support (top)		
M14 Renew screws.	Jointing torque	165Nm
	Angle of rotation	90°

3341 Overview of tightening torques

Output shaft to wheel bearing

M16
Replace the collar bolt.

Jointing torque 210Nm

Angle of rotation 90°

Output shaft to wheel bearing

M16
Replace the collar bolt.

Jointing torque 210Nm

Angle of rotation 90°

Wheel bearing to wheel carrier

M12
Renew screws.

Jointing torque 120Nm

Angle of rotation 90°

3355 Overview of tightening torques

Anti-roll bar link to anti-roll bar

M12
Renew nut.

Tightening torque

100Nm

Anti-roll bar link to camber control arm

M10
Renew screw and nut.
Tighten in normal position.

Tightening torque

56Nm

Angle of rotation

90°

Retaining bracket, anti-roll bar to rear axle support

M10
Renew screws.

Tightening torque

56Nm

Retaining bracket, anti-roll bar to rear axle support

M10
Renew screws.

Tightening torque

56Nm

33 operating fluid overview

Transmission oil

Hypoid Axle Oil G4	500 ml, Bottle	83222447362
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Transmission oil

Hypoid Axle Oil G3	500 ml, Bottle	83222413512
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Transmission oil

Rear axle differential oil SAF-XJ Booster	3x 1 l, Bottle	83222282583
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Transmission oil

Rear axle differential oil SAF Carbon Mod	500 ml, Bottle	83120445832
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Transmission oil

Hypoid Axle Oil G2	500 ml, Bottle	83222413511
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Transmission oil

Technically suitable rear axle differential oils		
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[Main group 33](#)

Transmission oil

BMW Synthetics OSP	1 l, Bottle	83222365987
	60 l, Barrel	83229407768

Transmission oil

BMW HOC oil	850 ml, Bottle	83222413513
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Transmission oil

Rear axle differential oil MSP/A * TU = Trade Unit. TU numbers cannot be ordered! For invoicing purposes only.	1 l, Bottle	83222365988
	1000 ml, TU*	83229405462