

32 00 Steering

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Steering box to front axle support	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36 (not all-wheel drive vehicles)	M10	Renew screws and nuts. Jointing torque Angle of rotation	56 Nm 90 Å°
	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36 - all-wheel drive vehicles	M10	Renew screws.	56 Nm
2AZ Heat shield to steering gear	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36			8 Nm

3200 Overview of Technical Data

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

3200 Overview of tightening torques

Electromechanical steering gear to front axle support	
M10 Renew screws and nuts.	56Nm

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32 00 Steering

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	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36 - all-wheel drive vehicles	M10	Renew screws.	56 Nm
2AZ Heat shield to steering gear	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36			8 Nm

32 21 Drop Arm

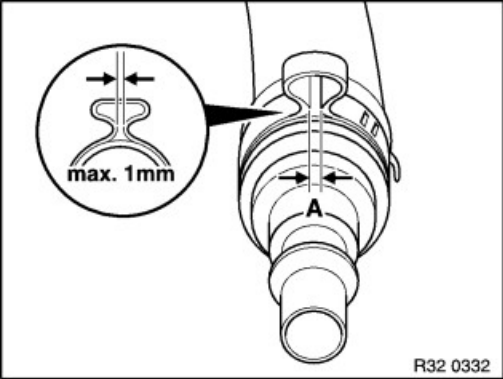
Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Track rod to rack	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36			105 Nm
2AZ Track rod end to track rod	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36			32 Nm
3AZ Track rod end to swivel bearing	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36	M14	Replace nut	175 Nm

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3221 Overview of Technical Data

Ear hose clamp gap dimension



R32 0332

Dimension [A]
max. 1 mm

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3221 Overview of tightening torques

Track rod end to swivel bearing	
M14 Replace self-locking nut.	175Nm
Track rod end to track rod	
	32Nm

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32 31 Steering column

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Steering column to dashboard support	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36	M8		21 Nm
2AZ Lower steering shaft to steering gear	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36	M8	Recut screw thread. Replace clamping bolt No retorquing permitted!	24 Nm
3AZ Steering shaft to steering column	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F36	M8	Recut screw thread. Replace clamping bolt No retorquing permitted!	24 Nm
	F35	M8	Recut screw thread. Replace clamping bolts No retorquing permitted!	28 Nm
5AZ Adjustment lever to steering column	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36	M8		7 Nm

3231 Overview of tightening torques

Bottom steering shaft on the electrical steering gear (EPS)

M8	24Nm
Recut thread.	
Renew clamping bolt.	
Retorquing not permitted.	

Steering column on the instrument panel support

M8	21Nm
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Steering shaft to steering column

M8	24Nm
Recut thread.	
Renew clamping bolt.	
Retorquing not permitted.	

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32 33 Steering wheel

Tightening Torques

	Type	Thread	Tightening specifications	Torque
1AZ Steering wheel to steering column	F20 / F21 / F22 / F23 / F30 / F31 / F32 / F33 / F34 / F35 / F36	M14	Replace microencapsulated screw.	62 Nm

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3233 Overview of tightening torques

Steering wheel to steering column	
M14	62Nm

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32 operating fluid overview

Expendable materials

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