

Specifications

Steering and wheel alignment

Model	1502	1602	1802	2002	2002 A	2002 Ti	2002 tii
Oil grade	Branded SAE 90 hypoid gear oil						
Capacity cm ³	300						
Friction rating of steering mechanism in straight-ahead position	Ncm (cmkp) 80 ... 120 (8 ... 12)						
Adjusting screw play in sector or steering roller shaft	mm (in) 0.05 (0.002)						
Worm bearing friction rating	cmkp 1.0 ... 2.5						
Steering spindle ¹⁾ Overall length	mm (in) 895-2 (35.24-0.08)						
Length of steering wheel nut thread, M12x1.5 mm	mm (in) 11 (0.433)						
Steering spindle Overall length	mm (in) 903 - 2 (35.55 - 0.08)						
Length of steering wheel nut thread, M14x1.5 mm	mm (in) 19 (0.748)						
Steering column bearing preload	mm (in) 6 ... 6.5 (0.236 ... 0.256)						
Min. track circle	m (ft) 9.6 (31.5)						
Min. turning circle	m (ft) 10.4 (34.1)						

¹⁾ Previous version

Tightening torques in Nm (mkp) (ft. lb.)

Steering wheel nut, M12x1.5	55 + 5 (5.5 + 0.5) (40 + 3.6)	Steering box end cover retaining bolts	18 + 2 (1.8 + 0.2) (13 + 1.4)
Steering wheel nut, M14x1.5	85 + 10 (8.5 + 1.0) (61 + 7)	Track rod castellated nut	35 + 5 (3.5 + 0.5) (25 + 3.6)
Joint disc attachment	20 + 3 (2.0 + 0.3) (14 + 2.2)	Steering box to front axle carrier	43 + 5 (4.3 + 0.5) (31 + 3.6)
Joint flange attachment	25 + 3 (2.5 + 0.3) (18 + 2.2)	Track rod clamp bolts	12 + 3 (1.2 + 0.3) (8.7 + 2.2)
Steering arm at steering box	120 + 20 (12.0 + 2.0) (80 + 14)	Track rod arm to kingpin	25 + 8 (2.5 + 0.8) (18 + 5.7)
Castellated nut at steering guide arm	80 + 20 (8.0 + 2.0) (58 + 14)		