

XC90 (-16), 2009, B6324S, TF-80SC, L.H.D, YV4CY982691500488, 500488



6/6/2021

PRINT

Tightening torque

General tightening torque

Note! Screws coated with a locking fluid or self locking nuts must be replaced with new when reinstalled.

See the table below to find the tightening torques for components not included in the summary.

Nuts and screws which are not self locking can be reused provided that they are in good condition.

Applies to screwed joint with strength class 8.8.	
Thread	Tightening torque (Nm)
M5	5
M6	10
M7	17
M8	24
M10	50
M12	80
M14	130

Summary of tightening torques for specific components

Note! Screws coated with locking fluid or sealant must be replaced with new when reinstalled.

Always use **new screws and nuts** when angle tightening. Any exceptions to this rule will be indicated in the method.

Angle-tightening in tight

spaces. See Screwed joint, torque/angle tightening .

Rear wheel hub in wheel bearing housing (M12)	Step 1: 20 Nm Step 2: 45 Nm Step 3: Angle-tighten 60°
Drive shaft in front wheel hub not XC90 (M10)	Step 1: 35 Nm Step 2: Angle-tighten 90°
Drive shaft in front wheel hub, only XC90 (M10)	Step 1: 35 Nm Step 2: Angle-tighten 120°
Tire pressure sensor in rim	8 Nm
Tire pressure sensor in valve.	1,4 Nm
Front wheel hub in steering arm (M12)	Step 1: 20 Nm Step 2: 45 Nm Step 3: Angle-tighten 60°
Wheel in hub (M14)	Step 1: 20 Nm Step 2: 140 Nm
Anti-roll bar link in shock absorber front (M12)	90 Nm
Anti-roll bar link in anti-roll bar front (M10)	60 Nm
Anti-roll bar link to spring strut	50 Nm
Shock absorber bearing rear upper in shock absorber (M12)	60 Nm
Shock absorber bearing front upper in shock absorber (M14)	70 Nm
Shock absorber in steering arm (M14) XC90	Step 1: 105 Nm Step 2: Angle-tighten 75°
Shock absorber in steering arm (M14) S60/V70/XC70/S80	Step 1: 105 Nm Step 2: Angle-tighten 60°
Spring front, retaining nut	70 Nm
Spring strut in body	25 Nm

6/6/2021

PRINT