

XC90 (-16), 2004, B6294T, 4T65 AWD, L.H.D



12/4/2026

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Tightening torque

General tightening torque

Caution! 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

Caution! 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 .

All drive shafts

Bolt drive shaft - wheel hub, front	Stage 1: 35 Nm Stage 2: 90°
Bolt drive shaft - wheel hub, version with rubber cone	50 Nm
Bolt drive shaft - wheel hub, rear	50 Nm

All gearboxes, angle gears, chain angle gears and rear axle gears

Sensors	6 Nm
Filler plug, Level plug and Drain plug	35 Nm

AW, 4T65

Cover, control system (AW)	Diagonally 14 Nm
The nut for the lever and gear shift linkage rod	16 Nm
Side cover, gearbox (4T65)	Stage 1: Crosswise 10 Nm Stage 2: Crosswise 25 Nm
Bolt driver plate - torque converter 6 x bolts	35 Nm
Screws for the lower torque rod in the transmission Note! Applies to 5-cylinder engines only	Stage 1: 35 Nm Stage 2: 40°
Connection, oil cooler pipe to gearbox	30 Nm
Screw, oil pipe - transmission	6 Nm
Screw, oil pipe - dipstick pipe - transmission	15 Nm
Dipstick pipe for the transmission	24 Nm

TF-80SC

Integrated level plug/Torx	8 Nm
Cover, control system	Diagonally 14 Nm
Torque converter to carrier plate 6 screws	60 Nm
Gear selector mechanism (nut)	16 Nm

M56, M58, M66

Back-up (reversing) lamps switch	24 Nm
Flywheel	Stage 1:.....45 Nm

Stage 2:.....65°

AWD

Bevel gear to transmission	75 Nm
Universal joint (spider) fastened with 4 bolts	Stage 1: Crosswise 16 Nm Stage 2: Crosswise 120°
Universal joint CV fastened with 6 bolts	Stage 1: Crosswise 10 Nm Crosswise 25 Nm
Pinion nut (Active on Demand Coupling)	150 Nm
Pinion nut, angle gear	180 Nm
Oil pump (AOC)	5 Nm
Control module (AOC)	5 Nm
Driveshaft (center bearing)	30 Nm
Oil plug, final drive	35 Nm
Oil plug, Active On-Demand Coupling	35 Nm
Bevel gear bracket	Stage 1: alternately to light contact Stage 2: 50 Nm
Manifold support bracket bevel gear	Stage 1: 35 Nm Stage 2: 90°

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