

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 specific components and tightening torques

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](#) .

Brake caliper in wheel spindle not XC90	100 Nm
Brake caliper in steel wheel spindle only XC90 (M14)	1st step, 105 Nm 2nd stage, 60°
Bleed nipple in brake caliper (M10)	9 Nm
Sliding pin in brake caliper (M9)	27.5 Nm
Brake shield front in wheel spindle steel up to and including w918 and XC90 (M8)	20 Nm
Brake shield front in wheel spindle, aluminum not XC90 (M8)	15 Nm
Brake caliper Rear in wheel bearing housing not	60 Nm

XC90 (M10)	
Brake caliper rear in wheel bearing housing XC90 (M10)	1st step, 35 Nm 2nd stage, 60°
Brake shield rear in wheel bearing housing (M6)	12 Nm
Brake pipe in ABS modulator (M12)	14 Nm
Brake pipe in master cylinder (M12)	14 Nm
Brake pipe in brake hose (M10)	14 Nm
Brake hose in brake caliper (M10)	18 Nm
Brake pipe in joint fitting (M10)	14 Nm
Brake fluid reservoir in master cylinder (M5)	3.5 Nm
Bracket, ABS in hydraulic unit (M6)	8 Nm
Bracket ABS cable in shock absorber front (M5)	6 Nm
Bracket brake cable in sub-frame rear (M8)	20 Nm
Screw control module (BCM)	1.8 Nm
Mounting Brake pedal LHD automatic (M10)	30 Nm
Mounting Brake pedal RHD manual (M10)	35 Nm
Mounting Brake pedal LHD manual (M10)	40 Nm
Vacuum pump bracket in front cross member, only XC90 (M6)	8 Nm
Heat deflector plate in activation unit, RHD only (M8)	10 Nm