

Tightening torque

General tightening torque

Obs! Screws coated with a locking fluid or self locking nuts must be replaced with **new** screws when reinstalling.

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

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

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

Obs! Screws coated with locking fluid or sealant must be replaced with **new** screws on installation.

Angle-tightening in tight spaces. See: VCC-142022-1, Screwed joint, torque/angle tightening.

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

The air conditioning (A/C) system	
Connection block evaporator	5 Nm
Linear HP pressure sensor (metal)	8 Nm
Orifice connection (cap nut)	20 Nm
Lower pressure switch (plastic)	4 Nm
Valve housing HP (service valve)	12 Nm
Needle valve/service valve	6 Nm
Connection block air conditioning (A/C) pipe at firewall	8 Nm
Drive plate mounting screw (B52x4xx / B41x4Sx)	13 Nm
Drive plate mounting nut (D4xx4Tx)	22 Nm
Compressor mounting screw (D4164T)	20 Nm
Mounting compressor pipe/hose connection	20 Nm
Door mirrors	
Mirror	20 Nm
Tailgate / trunk lid	
Outer handle tailgate / trunk lid	4 Nm
Parcel shelf, outer	5 Nm
Seat belts	
Seat belt tensioner lap	40 Nm
Seat belt (inertia) reel front	40 Nm
Seat belt (inertia) reel rear	40 Nm
End mounting rear (lower mounting)	40 Nm
Sun roof	
Sun roof frame	10 Nm

Glass sun roof	3 Nm
Engine coolant heater	
Flame sensor	3 Nm
Mounting bracket engine coolant heater (3 nuts)	10 Nm
Glow plug	6 Nm
Lower mounting exhaust pipe engine coolant heater	10 Nm
Mounting screw engine coolant heater (bracket connector)	6 Nm
Water pump engine coolant heater	6 Nm
Upper mounting exhaust pipe engine coolant heater	10 Nm
Contact reel/steering wheel module (SWM)	
Contact reel/steering wheel module (SWM)	0.7 Nm
Supplementary restraint system (SRS)	
Collision sensor	6 Nm
Airbag module seat (SIPS)	7 Nm
Center console	
Transparent center console	0.6 Nm
Center console made of other material	2 Nm
Trim roof rails	
Mounting screws	12 Nm
Side doors	
Door cassette	10 Nm
Locking cylinder external handle (vehicles without KVM)	3 Nm
Locking cylinder external handle (vehicles with KVM)	4 Nm
Lock mechanism	8 Nm
Side windows	
Window front side door	8 Nm
Adjusting screw lift mechanism	8 Nm
Attaching screws side window rear	4.5 Nm
Trunk lid spoiler (S40 Sport only)	
Screws and nuts	5 Nm
Rear bumper rail	
Screws	33 Nm
Whiplash unit	
Whiplash element, self-tapping Torx screws, fixed seat	9 Nm
Whiplash element, lock nuts	18 Nm