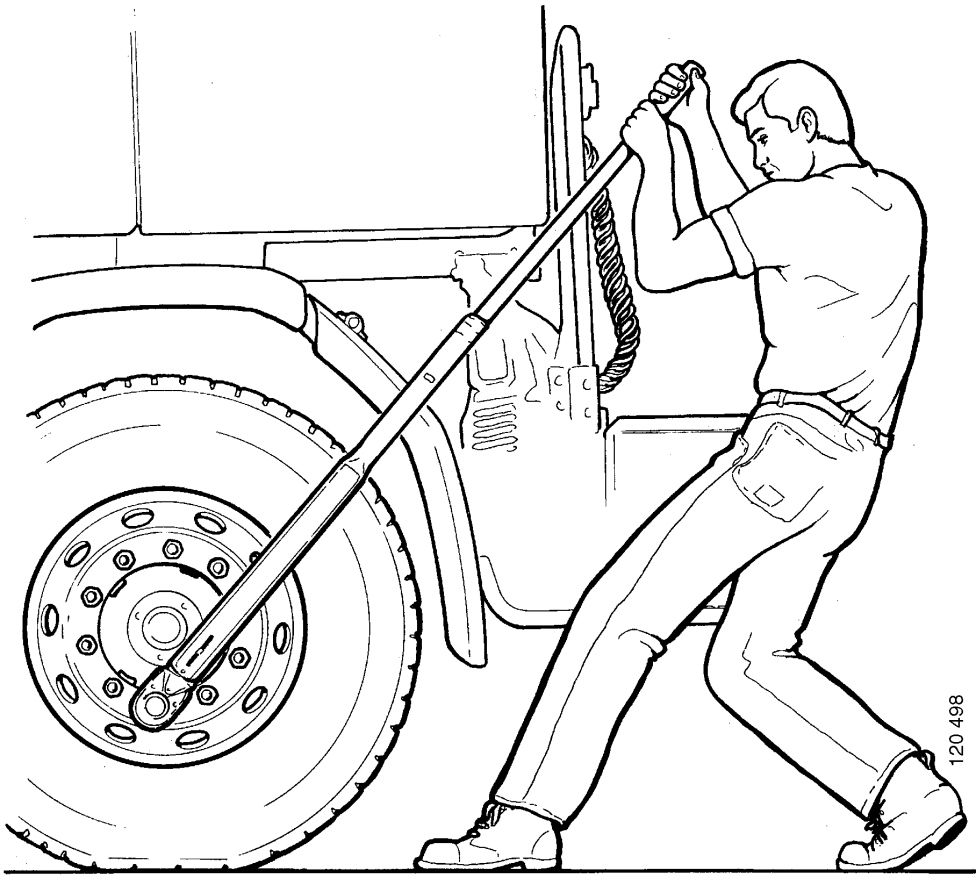
SCANIA

09:00-01

Issue 3 **en-GB**

Tightening torque, wheels

Work description



Work description

General

WARNING!

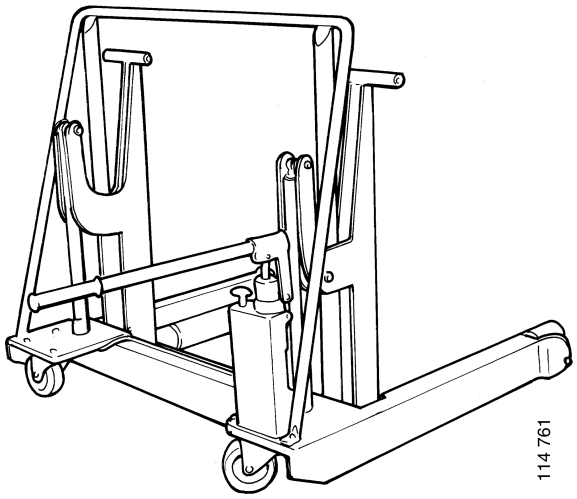
Never work under a vehicle that is only raised by a jack. Always use axle stands. Place wheel chocks in front of and behind the wheels.

Fastening

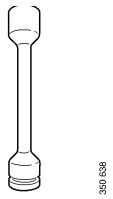
Be very thorough when cleaning. Use a torque wrench or impact nut runner with torque socket 2 283 913.

Wheel lift

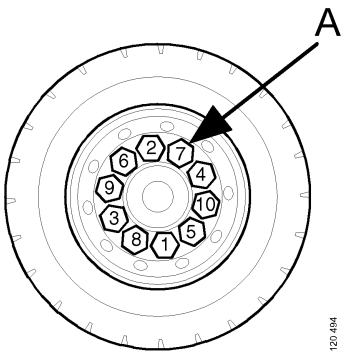
Working on wheels is hard work. Scania therefore recommends using wheel lift 587 121.



Wheel lift, part number 587 121.

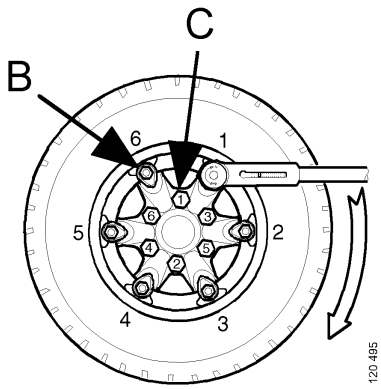
Number	Designation	Illustration	Tool board
3 092 004	Torque socket		-

Tightening torque



Disc wheel

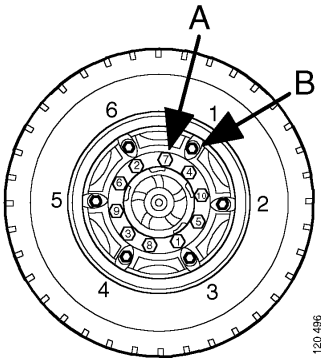
A = Wheel nut



Spoke wheel, new design

A = Wheel nut

B = Rim nut



Spoke wheel older design

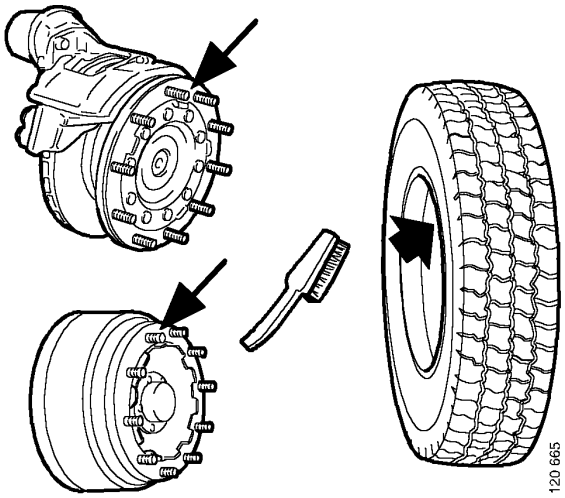
B = Rim nut

C = Nut, brake drum

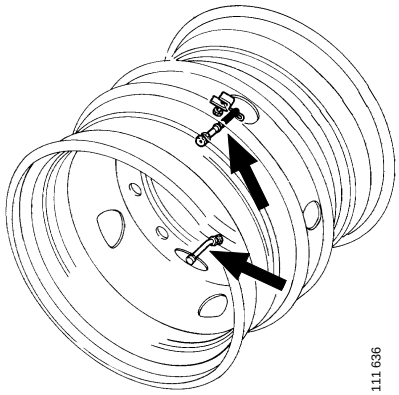
Wheel	Step	A	B	C
Disc wheel	Stage 1	60 Nm		
	Step 2	600 Nm		
Spoke wheel, new design (Trilex)	Stage 1	60 Nm	10 Nm	
	Step 2	600 Nm	70 Nm	
	Step 3		350 Nm	
Spoke wheel, old design (Trilex)	Stage 1		10 Nm	270 Nm.
	Step 2		70 Nm	
	Step 3		350 Nm	
Spoke wheel, old design 28 inches (Simplex)	Stage 1		10 Nm	270 Nm.
	Step 2		70 Nm	
	Step 3		315 Nm	

Disc wheel

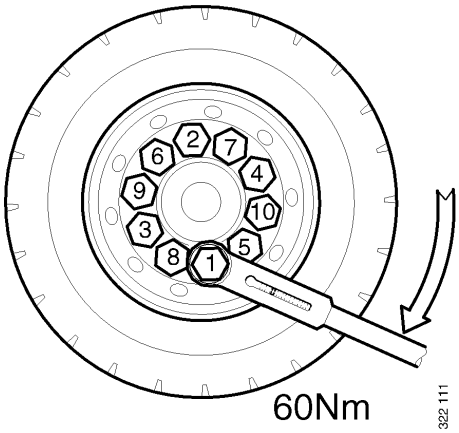
1. Thoroughly clean the contact surfaces between the rim, drum and hub.

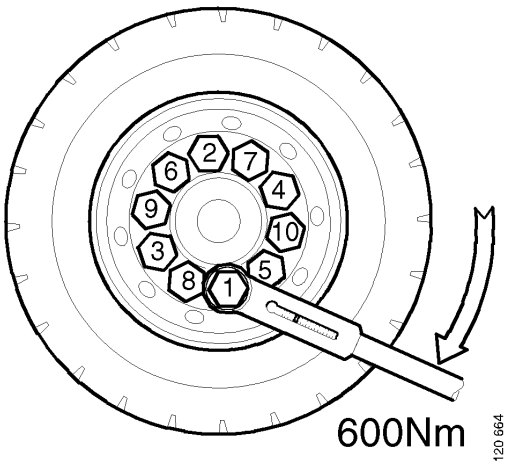


2. Clean and grease the threads on the wheel studs.



3. Tighten the wheel nuts in 2 stages.

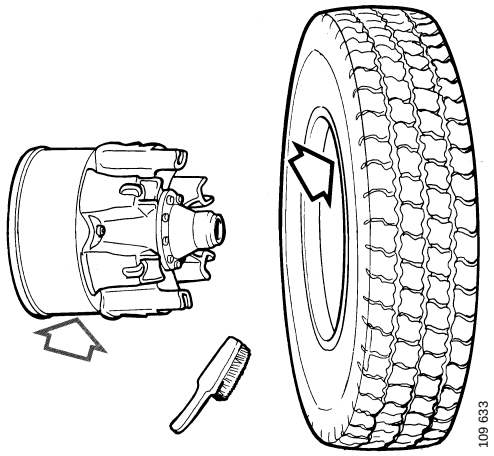


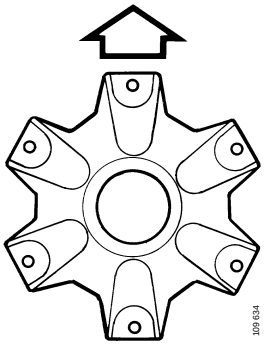


4. Check-tighten after 100 km. Tightening torque 600 Nm.

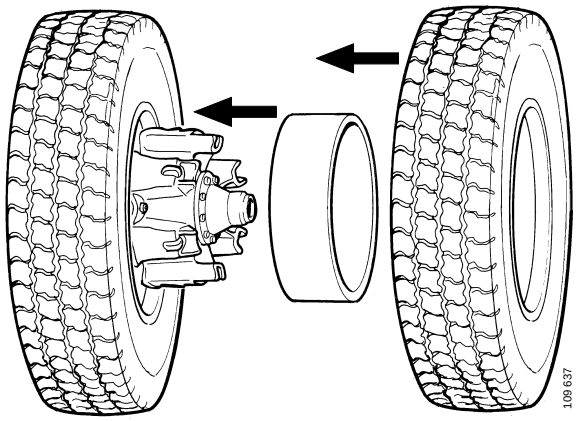
Spoke wheel

1. Thoroughly clean the contact surfaces between the rim, drum and hub.



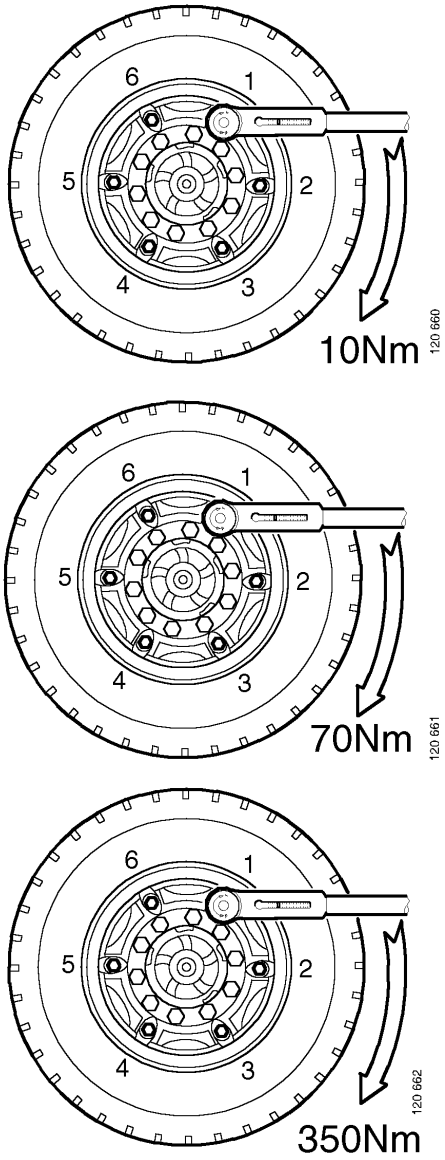


2. Position the rim on the hub so that the valve is located between 2 spokes.



3. Fit the clamps and tighten the nuts in 3 stages.

   The same method also applies to the older type of spoke wheel.



4. Rotate the wheel and check the run-out.