

64: Steering wheel, steering wheel lock, steering column, shaft

XC90 (-16), 2006, B5254T2, AW50/51 AWD, L.H.D

7/7/2025



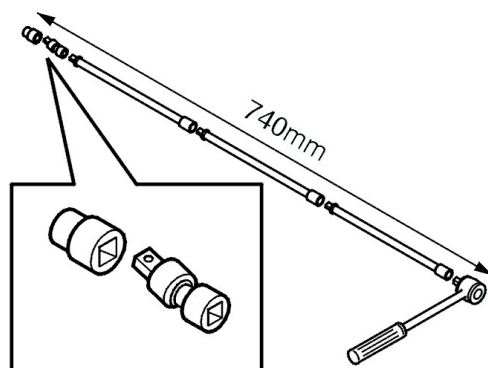
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64: Steering wheel, steering wheel lock, steering column, shaft**Steering shaft, lower, replacing**

Note! As the illustrations in this service information are used for different model years and / or models, some variation may occur. However, the essential information in the illustrations is always correct.

Removal**Removing wheels**

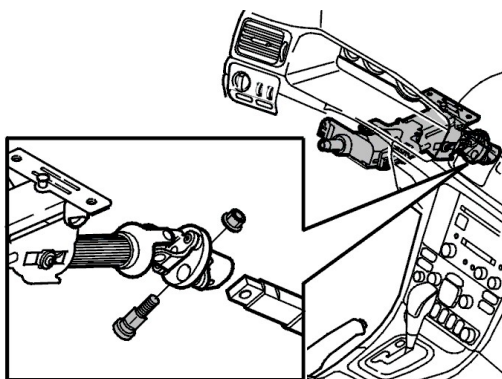
Remove the wheel on the driver's side.

Removing the screw on the lower steering shaft

Remove the screw on the lower steering shaft on the driver's side wheel housing. Use the tool depicted in the illustration.

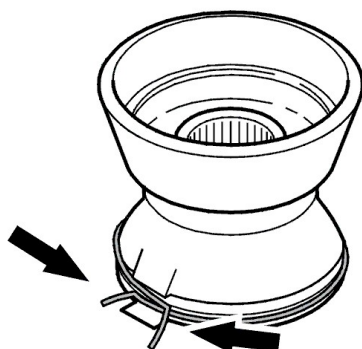
Disassembling the lower steering shaft

Set the wheels to straight ahead.
Lock the steering wheel lock
Remove the upper screw on the lower steering shaft
Expose the lower steering shaft from the upper steering shaft



Press the upper steering shaft up slightly for better access.

Removing the lower steering shaft



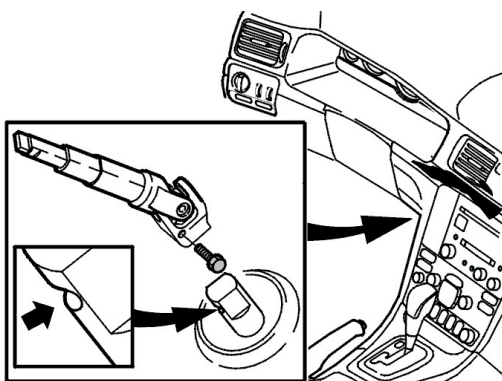
Fold back the floor carpet
Bend up the outer section of the steering shaft boot

Remove:

- the lock ring around the boot
- the boot
- the lower steering shaft.

Installation

Installing the lower steering shaft



Clean the steering gear pinion from any rust and lubricate.

Install:

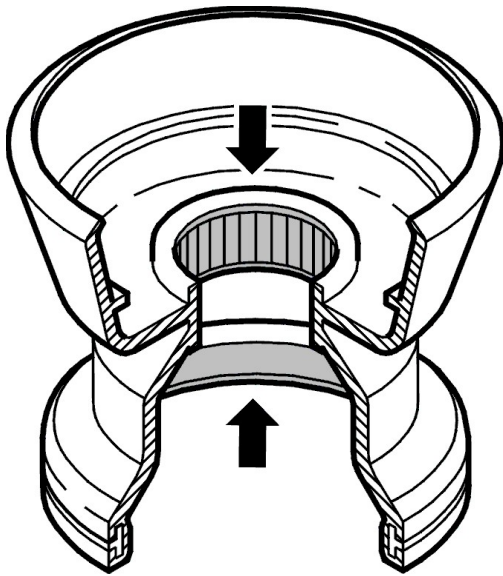
- the lower steering shaft
- the screw of the lower steering shaft from within the vehicle.

Note! Ensure that the screw is seated in its groove on the steering gear. Use a new screw. Finger tighten.

Installing the needle bearing

Ensure that the needle bearing in the boot is in the groove. Lubricate the needle bearing in the boot with low temperature grease

Note! If necessary, make sure that the plain bearing is properly seated. Lubricate the

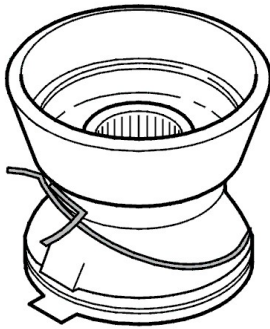


plain bearing in the boot with low temperature grease, part no. 1161427-8 (6 grams).

Lubricate the edge on the inside of the inner part of the gaiter with soapy water.

Installing the snap ring

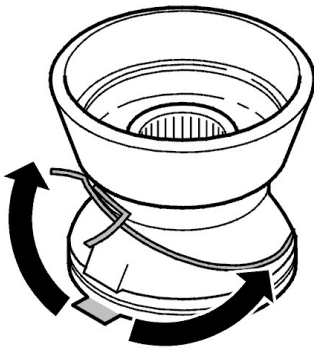
Install the snap ring on the boot as illustrated.



Installing the boot

Thread the boot over the lower steering shaft. Press the boot over the flange of the panel. Start by pressing the boot from the bottom upwards.

Note! Ensure that the boot seals round the panel flange.



Installing the snap ring

Install the snap ring around the boot. Bend back the outer section of the boot. Fold back the carpet.

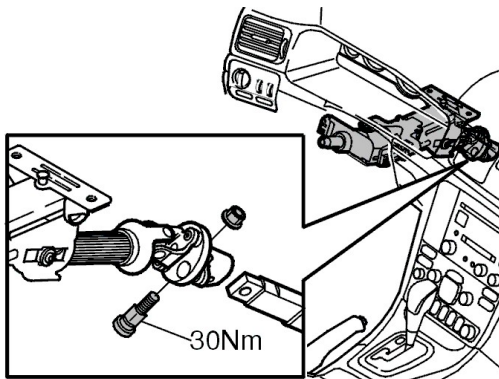


Assembling the upper and lower steering shaft

Pull the upper steering shaft down. Assemble the upper steering shaft with the lower steering shaft

Install the screw and nut. Tighten to 30 Nm

Note! Use a new screw and nut.



Tightening the lower screw on the lower steering shaft

Expose the steering wheel lock. Turn the steering wheel so that the screw on the lower steering shaft points straight forward

Tighten the lower screw on the lower steering shaft in the engine compartment. Tighten to 25 Nm .

Fitting the wheel

Remount the wheel. See Installing wheels .

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