

# SAFETY RECALL

Volvo Trucks North America

Greensboro, NC USA

# VOLVO

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Date	Number	Release	Page
07. 2023	RVXX2307	01	1 (4)

## Steering Gearbox Fastener Re-Torque

### RECALL INFORMATION

(July 2023)

Volvo Trucks has determined that a defect that relates to motor vehicle safety exists in certain VAH, VHD, VN, and VNE model vehicles manufactured from May 17<sup>th</sup>, 2022, through May 26<sup>th</sup>, 2023.

The steering gear mounting fasteners to the frame rail may not be torqued to specification. The under-torqued fasteners could result in a loss of clamp load on the steering gearbox. Indication of this occurrence may include steering wander or a feeling of looseness in the steering.

Volvo Trucks has not received any reports of personal injury or vehicle crashes because of this safety issue; therefore, Volvo considers this a proactive measure to protect the public and Volvo's customers from the potential risk associated with this defect.

To ensure that these vehicles meet Volvo's rigorous quality requirements, follow the instructions outlined below to ensure the steering gear fasteners are tightened to specification.

### VEHICLES AFFECTED

Certain Volvo North America vehicles manufactured between May 17<sup>th</sup>, 2022, and May 26<sup>th</sup>, 2023

### VEHICLE QUANTITY

There are 246 vehicles affected by this recall (224 U.S., 22 Canada).

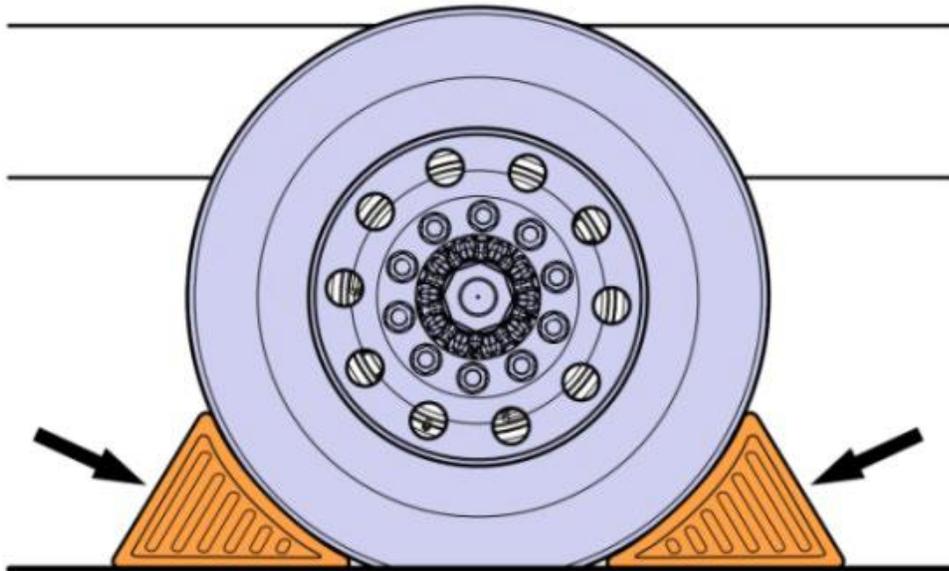
### Parts

Order parts through normal process as needed.

Part Number	Part description	Quantity
<b>992483</b>	Hex Screw	As Needed
<b>992484</b>	Hex Screw	As Needed
<b>992482</b>	Hex Screw (VAH Only)	As Needed
<b>990973</b>	Hex Nut	As Needed

### Repair Instructions

1. Secure vehicle for service by parking on a flat and level surface.
2. Apply parking brake.
3. Place the transmission in neutral or park.
4. Install the wheel chocks.



5. Unlatch and raise the hood.
6. Locate the steering gearbox mounting fasteners – driver's side frame rail.

7. Set torque wrench to  $275 \pm 15$  Nm. Check relaxed torque in tightening direction.

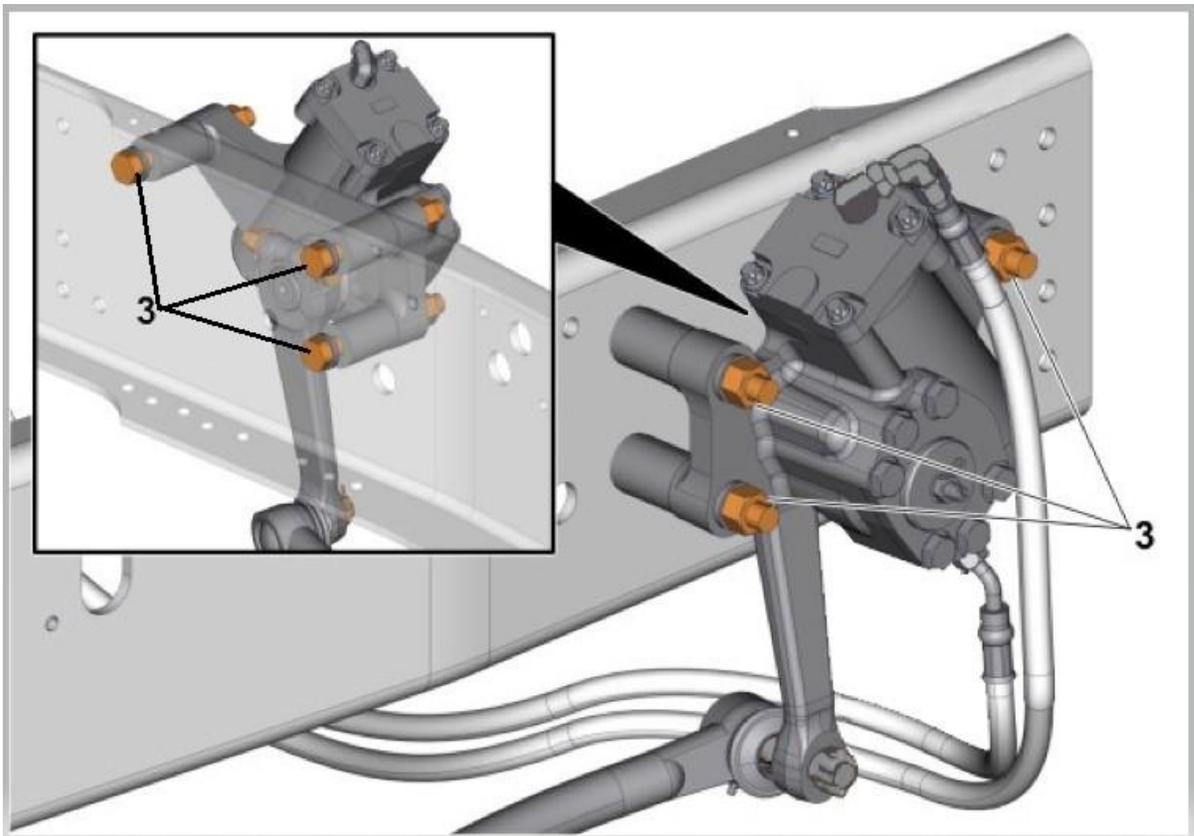
**Relaxed Tightening Torque**

$275 \pm 15$  Nm

- a. If found loose, check both bolt and nut for damage.
  - i. If damage is found on hardware, replace both bolt and nut.
  - ii. If no damage is found on hardware, replace nut only.
- b. Tighten to install torque and angle of  $200 \pm 10$  Nm + angle  $145^\circ \pm 10^\circ$ .

**Install Tightening Torque**

$200 \pm 10$  Nm + angle  $145^\circ \pm 10^\circ$



**IMPORTANT**

If hardware needs to be replaced, refer to **Impact instructions: 6421-03-02-01, Steering Gear Replacement.**

**\*Only follow steps for replacing hardware.**

## REIMBURSEMENT

This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process.	
	<b>UCHP Reimbursement</b>
<b>Claim Type</b> (used only when uploading from the Dealer Business System)	40
<b>Recall Status</b>	
Vehicle repaired per instructions	1-Modified per instructions
<b>Labor Codes</b>	
Primary Labor Code: <b>1720-16-09-01</b> Campaign, General X 4	SRT (0.1 x 4) <b>.4 hrs.</b>
<b>Causal Part</b>	20849327
<b>Authorization Number</b>	C0302

**Note:** Dealers are to perform Safety Recall Campaigns on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles are subject to a Safety Recall are brought to your dealership for service, or taken into your dealership vehicle inventory, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is sold or released to the owner.