

Modification Bulletin

[60-0009][MB][EUR][YT193] Steering arm mounting check

First publication date : 07 December 2023

Version	Changed Date	Group	Number
A	14 Dec 2023	60_Front Axle	0009

**steering arm mounting check YT193
YT193 on road**

Introduction :

From the start of production of the YTxx3 until november 2022 the lower steering arms have been mounted to the front axle steering knuckle without cleaning the steering knuckle contact surface from paint. This can result in an insecure connection of the steering arm to the steering knuckle. Also the steering arm that is mounted to the top of the left steering knuckle has been mounted without proper cleaning of the mounting surface.

This paint layer can cause the connection to be insecure and therefore this connection has to be remedied.

Recommended Action :

The steering arms must be removed and the contact surfaces must be cleaned from paint or other residuals. Finally the steering arms should be re-installed using new bolts. To do so please read the instructions below carefully.

Tools required

- A torque wrench that can reach 750Nm.
- Tooling to clean m22x1,5 thread hole.
- Jack to jack up the front axle.
- Axle stands

List of Parts :

Item in figure 1	Part	Qty	Description	Mandatory/Optional
4	V1079491	4	Bolt M22x90 10.9 zinc flaked	M
5	V20392139	2	Bolt M22x105 10.9 zinc flaked	M
	t30052220		Loctite 243 thread lock medium strong 50 ml	

Warnings :



Before starting any work make sure you read, understand and follow all safety measures and warnings in the driver and maintenance manual that are applicable to this vehicle.

1. Park the vehicle on a safe location and apply the parking brake.
2. Place wheel chocks on the rear wheels.
3. Disconnect the main switch and make sure no one can start the vehicle unintended
4. Jack up the front axle and place the front axle on axle stands.
5. Remove the 2 bolts that connect the upper steering arm (position 7 in figure 1) to the left hand side steering knuckle.
6. Clean the contact surfaces of the steering arm and the steering knuckle. Make sure that all paint or any other contamination is removed.
7. Clean the m22x1,5 threaded holes and degrease.
8. Apply two beads of Loctite 243 in the threaded holes, do not apply Loctite to the bolt.
9. Re-install the steering arm to the steering knuckle, using two new bolts V1079491.

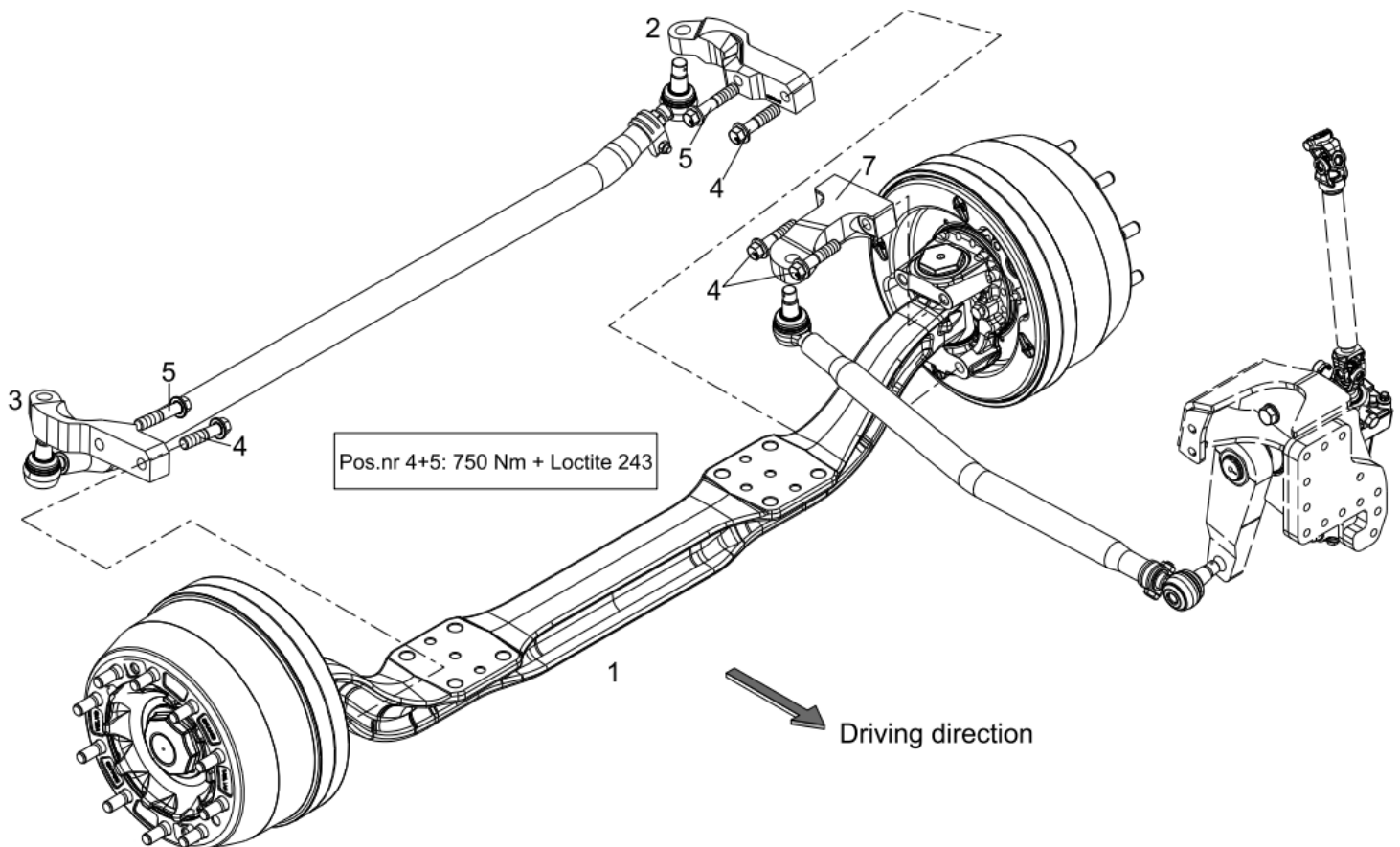


figure 1, front axle steering arms, parts group 60-01-01-146

10. Torque the bolts to 750 Nm and mark the bolt heads once torqued.
11. Remove the bolts that connect the lower steering arms (position 2 and 3 in figure 1) to the steering knuckles.
12. Clean the contact surfaces of the steering arms and the steering knuckles. Make sure that all paint or any other contamination is removed.
13. Clean the 4 m22x1,5 threaded holes and degrease.
14. Apply two beads of Loctite 243 in the threaded holes, do not apply Loctite to the bolt.

15. Re-install the steering arms to the steering knuckle, using new bolts. Use one time V1079491 and one time V20392139 per side.
16. Jack up the front axle, remove axle stands and lower the front axle.

1 Warranty Instructions for this Campaign :

1.1 Campaign name and number :

Campaign Name :	YT193 on road steering arm mounting check
Campaign Number :	CAM0156

1.2 Priority :

Level :	High
Explanation :	We demand to carry out this modification before the given end date.

1.3 Software Required :

- YES → Use of product support portal mandatory
 NO

1.4 Labor :

Max Amount of labor to be claimed in hours :	3,5
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1.5 Parts :

Parts can be ordered via the normal parts routine.

1.6 Travel cost :

Travel costs for visiting the vehicle can be claimed.

1.7 Involved vehicles :

A list with affected VIN numbers is supplied per email to a distributor. Vehicles that are not on the list are not part of the campaign.

1.8 End date :

All work must be carried out before the 1st of May 2024. All invoices should be submitted at the latest before the 1st of June 2024. When this end date cannot be met please contact our warranty department before the end date.

1.9 Reporting and Claiming :

1. Create a warranty request to claim the required costs for this modification.
2. Use warranty type campaign
3. Customer complaint: CAM0156
4. Choose main group: 060/ 060 / 295, choose cause: 0039, choose solution: 90.
5. Warranty department will process your request and send a confirmation e-mail with SCN number.

6. Costs can be charged as usual by sending a warranty invoice that states this SCN number to Terberg Benschop within 30 days after the repair date.