

Modification Bulletin

[60-0007][MB][EUR][YT3][DT] Front axle mounting check

09 November 2023

Date	Group	Number	Version
09 Nov 2023	60_Front Axle	0007	A

**Front axle mounting check
YTxx3, DT**

i Introduction :

From the end of January 2023 until October 2023 flange nuts (non self locking) were used to mount the front axle to the YTxx3 and DTxx3. This flange nut t26031374 can be recognized by a spanner size 32 mm.

For some unknown reason we have seen a few cases where the nuts did unwind themselves from the bolts.

Therefore we changed our production method for the **YTxx3** as follows:

Use 4 times a non self locking nut with Loctite 243 on the rear side of the axle where space is limited, and 4 self locking nuts for the remaining positions.

For information: The non self locking nut has spanner size 32 and the self locking nut t26041075 has spanner size 36.

We changed our production method for the **DTxx3** as follows:

Use 8 times self locking nut t26041075 with spanner size 36.

We reworked as much vehicles as possible that we had not shipped. For all vehicle with the 8 non self locking bolts that were delivered before we discovered this issue or before we could perform our rework action please see the recommended action below.

Documentation group of the steering system 90-02-01-444 RHD or 90-02-01-536 LHD was not updated with the correct nuts. The correct nuts are displayed in the group of the front axle mounting 60-01-02-158. The fact that the wrong nut was displayed in group 90-02-01-444/536 might have been confusing to some.

As stipulated in the Terberg Maintenance Manual TD1215 the correct mounting and tightening of bolts on the front and rear axles should be checked on the first, periodic and annual maintenance intervals. According to TD1215 the first interval should be performed after the first 100 operating hours of the vehicle.

Recommended Action :

On all vehicles built with 8 flange nuts on the front axle a modification must be made. Please read the instructions below carefully.

All vehicles that were built using the 8 non self locking nuts are part of this campaign. (both **DTxx3** and **YTxx3**)

For the **YTxx3**: when 4 self locking nuts and 4 non self locking nuts are mounted the machines was reworked/produced according to the most recent standard and is considered okay.

For the **DTxx3**: when 8 self locking nuts are mounted the machine is assembled to the correct standards and is considered okay.

Tools Required

- For **YTxx3**: torque wrench that can reach 978 Nm OR Torque wrench and torque multiplier combination that can reach 978Nm.
- For **DTxx3**: torque wrench that can reach 850 Nm OR Torque wrench and torque multiplier combination that can reach 850Nm.

Required parts

part number	Model	description	quantity
t26041075	YTxx3	Self locking nut M24	4
t26041075	DTxx3	Self locking nut M24	8
t30052220		Loctite thread locker 243 50ml	

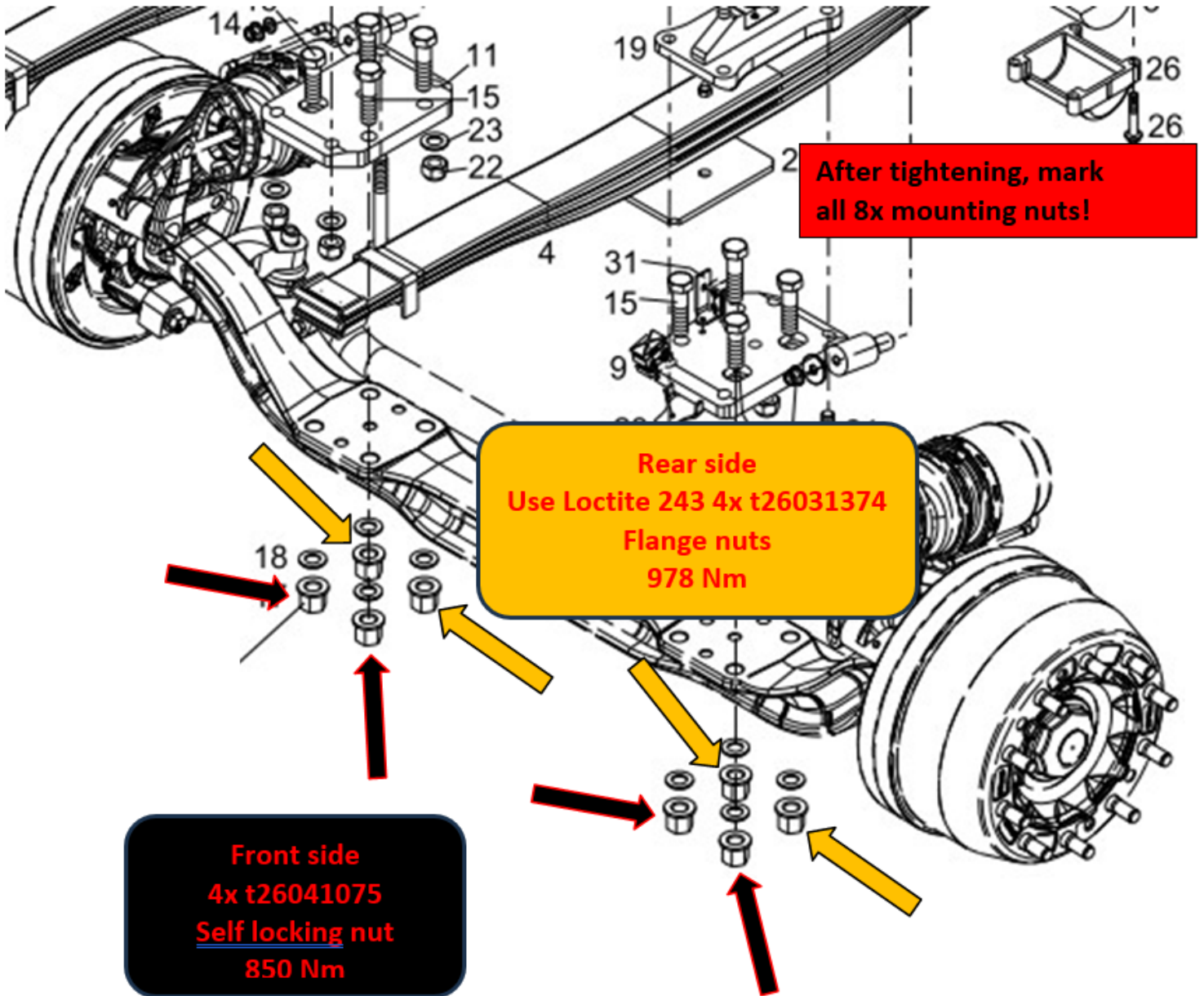
Warnings :



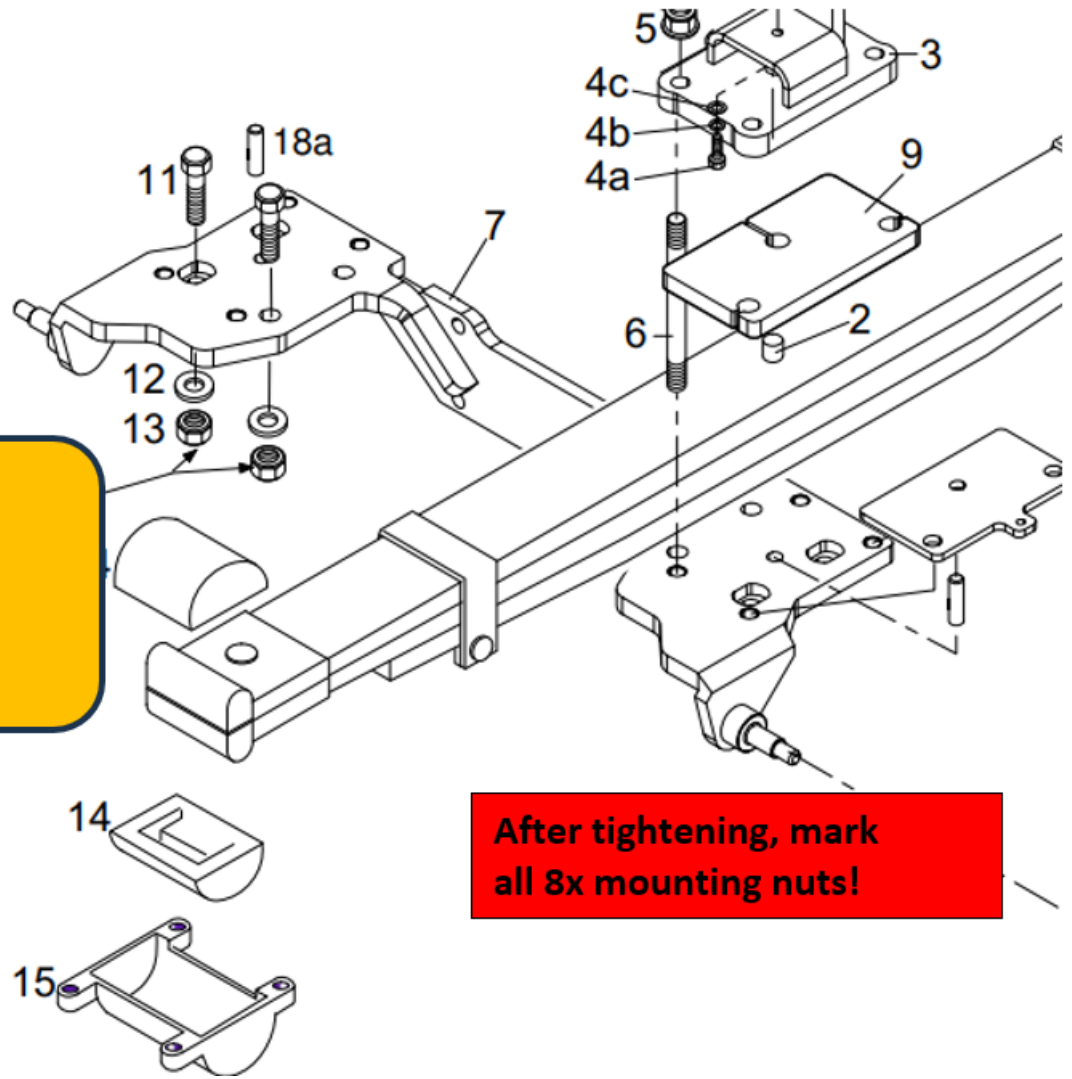
Before starting any work make sure you read, understand and follow all safety measures and warnings in the driver and maintenance manual that are applicable to this vehicle.

1. Park the vehicle in a safe place.
2. Place wheel chocks on the rear wheels.
3. Disconnect the main switch and make sure no one can start the vehicle unintended
4. Check if the machine has 8 non self locking flange nuts, spanner width 32mm.
5. Change the 4 nuts on the front side of the axle to normal self locking nuts t26041075, torque these to 850Nm.
6. For **YTxx3** (for **DTxx3** go to step 7): Undo the other 4 flange nuts on the rear side of the axle, apply Loctite 243 and torque to 978Nm.
7. For **DTxx3** (For **YTxx3** go to step 8): Replace the 4 nuts on the rear side of the axle for self locking nuts t26041075, torque these to 850Nm.
8. Retorque nuts on the front side to 850Nm.
9. Mark all nuts with a marker after tightening.

✔ YTx3 situation :



✔ DT Situation :



8x t26041075
Self locking nut
850 Nm

After tightening, mark all 8x mounting nuts!

1 Warranty Instructions for this Campaign :

1.1 Campaign name and number :

Campaign Name :	Front axle mounting check
Campaign Number :	cam0152

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 :	1.5
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1.5 Travel cost :

Travel cost can be invoiced. When more tractors are serviced at same location only one time travel costs will be accepted.

1.6 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.

1.7 End date :

All work must be carried out before the 1st of February 2023. All invoices should be submitted at the latest before the 1st of March 2023. When this end date cannot be met please contact our warranty department before the end date.

1.8 Reporting and Claiming :

1. Create a warranty request to claim the required costs for this modification.
2. Use warranty type campaign
3. Customer complaint: CAM0152
4. Choose main group: 060 / 061/ 297, 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.

Version	Date	Comment
Current Version (v. 9)	09 November 2023 12:14	Adriaan Bassa
v. 8	09 November 2023 11:32	Diet Bos
v. 7	09 November 2023 09:47	Adriaan Bassa
v. 6	09 November 2023 09:45	Adriaan Bassa
v. 5	09 November 2023 09:28	Geert Bruggink
v. 4	08 November 2023 14:17	Adriaan Bassa
v. 3	08 November 2023 13:52	Adriaan Bassa
v. 2	08 November 2023 13:47	Adriaan Bassa
v. 1	08 November 2023 07:50	Adriaan Bassa