



To: Branch Warranty Administrators

Information To: Technical & Product Support Representatives

Reference to letter from Scania Södertälje Sweden

Bus

★★★ **RECALL CAMPAIGN - SAFETY RISK RC No. 110701**

Checking the clamping force of the track rod

This campaign must be carried out with highest priority!

PLEASE KEEP IN TOUCH WITH YOUR PARTS DEPT. FOR AVAILABILITY

Estimated failure frequency of the chassis population: %.

Completion date before: 29/05/2012

Claim to Scania before: 29/09/2012

Enclosure:

Chassis number list

Acknowledgement of Recall Campaign **TELEFAX MESSAGE.**

To be sent promptly to Technical Support after receipt of this letter

Please direct inquiries to:-

Stuart Armet
Technical Support Department
Scania Australia Pty Ltd
Phone 03 9305 3305
Fax 03 9217 3327

Check the clamping force of the track rod

Products affected

axle type, it can be scrapped locally.

K and F series busses manufactured by Scania Latin America between January 2010 and September 2011 according to the attached chassis serial number list.

Background

The nut runner which was used to tighten the nut for the ball joint in the track rod has not functioned correctly over a period. As a result, the clamping force on the ball joint may not be sufficient.

Action

Check the clamping force of the track rod according to work description 1 below. If the resistance is approved, renew the clamp according to work description 2 below. If the resistance is not approved, renew the track rod assembly according to work description 3 below.

Note:

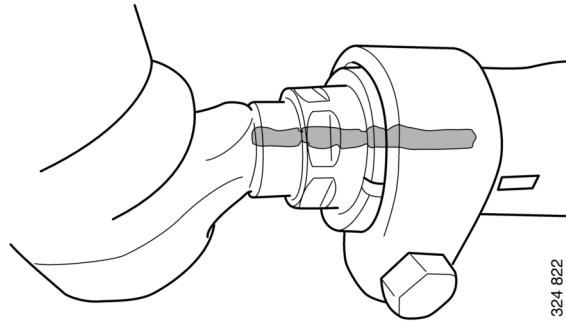
The new track rod, which can be ordered, has a new and improved design. The clamp on this track rod does not need to be changed.

Note:

It is not necessary to check the clamping force on AMA780, instead, the whole track rod must be renewed as there isn't enough space for the new clamp. The instructions in work description 1 should not be followed for this axle type. There is no need to send in the track rod for this

Work description

1. Check the clamping force of the track rod.
 - a. Lift and support the vehicle on stands to simplify the work on the track rod and the ball joint. For more information refer to *Scania Multi 00:00-50 Lifting and supporting on stands*.
 - b. Mark the positions of the ball joint and the adjusting sleeve.



- c. Fit a screw clamp over the ball joint to minimise movement.

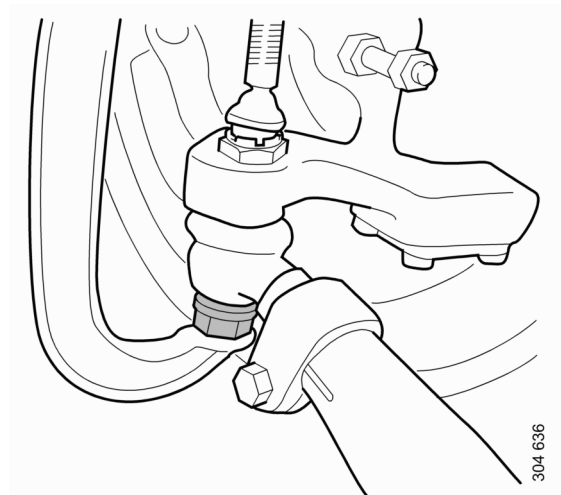
Note:

Use a wheel nut to protect the ball joint.

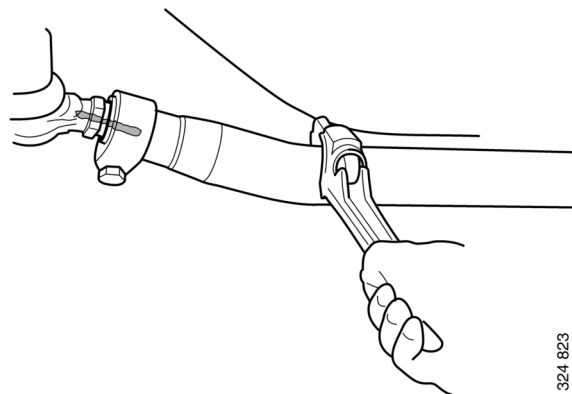
- d. Try to turn the track rod using for example a pipe wrench.

Note:

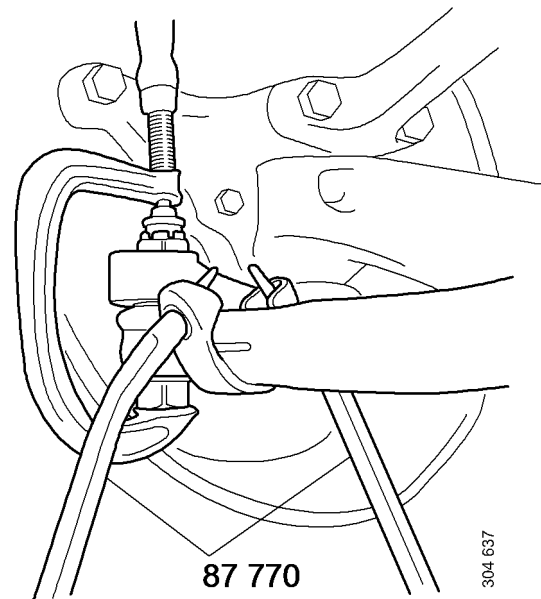
Maximum length of the pipe wrench must not be longer than 30 cm.



Check that the ball joint and the track rod move as one unit by observing the markings.



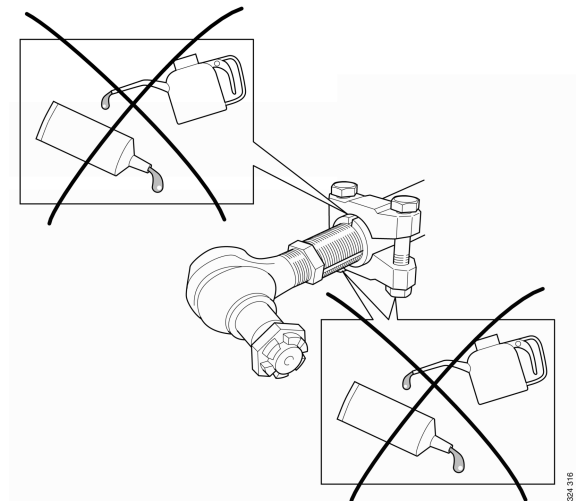
2. Renew the clamp
 - a. Detach the clamp, bolt and nut.
 - b. Remove the clamp using two bars.



- c. Clean the contact surface on the track rod where the clamp was situated. Use, for example, a cloth.

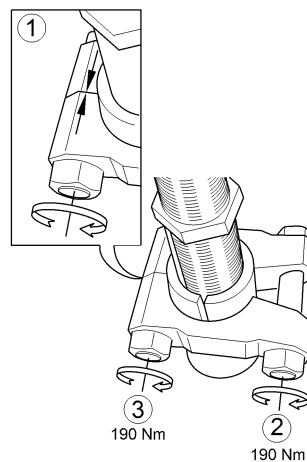
Note:

Do not lubricate the threads. Ensure that the bolts are firmly secured in the grooves of the track rod.



d. Fit the new bracket using 2 bolts and nuts.

- Turn the nuts forwards.
- Tighten the nuts by hand.
- Tighten the lower nut until it comes into contact with the surface of the clamp. "
- Tighten the upper nut to 190 Nm.
- Tighten the lower nut to 190 Nm.



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e. Treat the clamp and its surrounding surface with corrosion protection.

f. Remove all tools.

3. Renew the track rod



- Refer to *Scania Multi 07:00, Front axle, work description, Fit the ball joint.*

Parts

4x2, 6x2 and 6x2/2

Description	Part	Quantity
Track rod	2 040 254	1
Mounting kit	1 929 900	1
Castle nut	157 837	2
Split pin	805 467	2

6x2*2 and 8x2

Description	Part	Quantity
Track rod	2 040 254	2
Mounting kit	1 929 900	2
Castle nut	157 837	4
Split pin	805 467	4

Replaced parts to be sent to the Scania factory according to the routine for warranty items. The track rod can be cut below the ball joint to minimise handling and transport costs. Only the side with the adjusting sleeve needs to be sent in.

Compensation

Compensation for the work can be requested as specified in the applicable warranty procedure.

Standard times per vehicle

Note:

Only one time code per vehicle.

AM860, AMA860 and ARA860

Type of work	Time	Code
Checking clamping force and renewal	1.0*	0025 5529-0
Checking clamping force and renewal of track rod	1.3**	0025 5872-4
Checking clamping force and renewal of 1 track rod	1.7***	0025 5873-2
Checking clamping force and renewal of 2 track rods	2.6***	0025 5874-0

AMA780

Type of work	Time	Code
Renew the track rod	1.0	0025 5529-0

* All

**4x2, 6x2 and 6x2/2

***6x2*2 and 8x2

Codes for claim form

Campaign	Main group	Part	Fault code
110701	07	1 897 333	97

Attachments

1. Chassis serial number list