

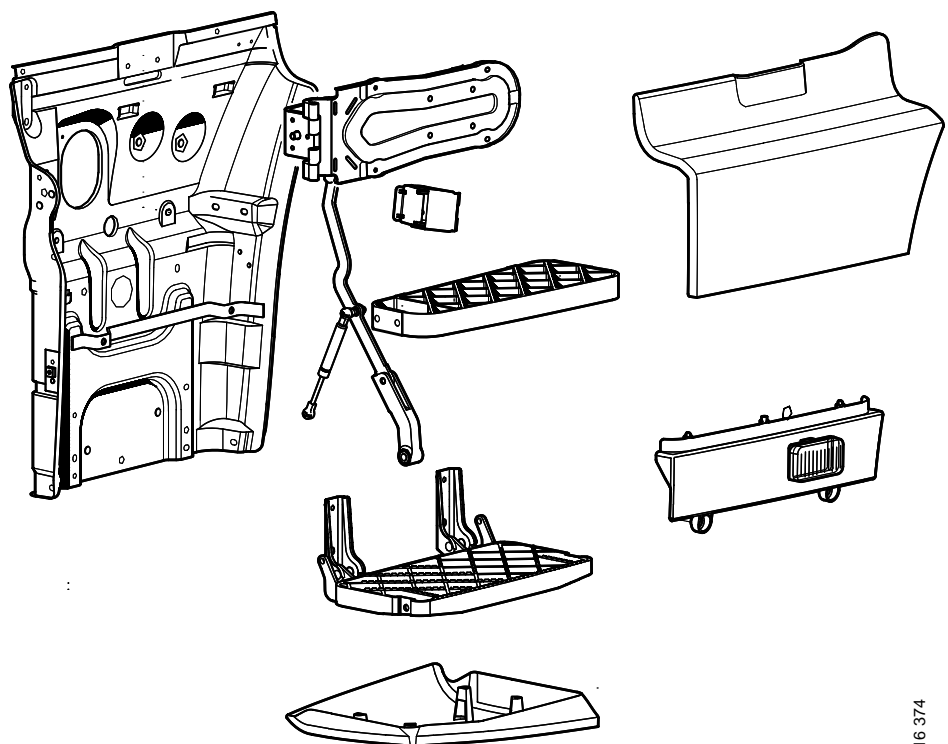
SCANIA

18:01-04

Issue 02 en

Footstep

Work description

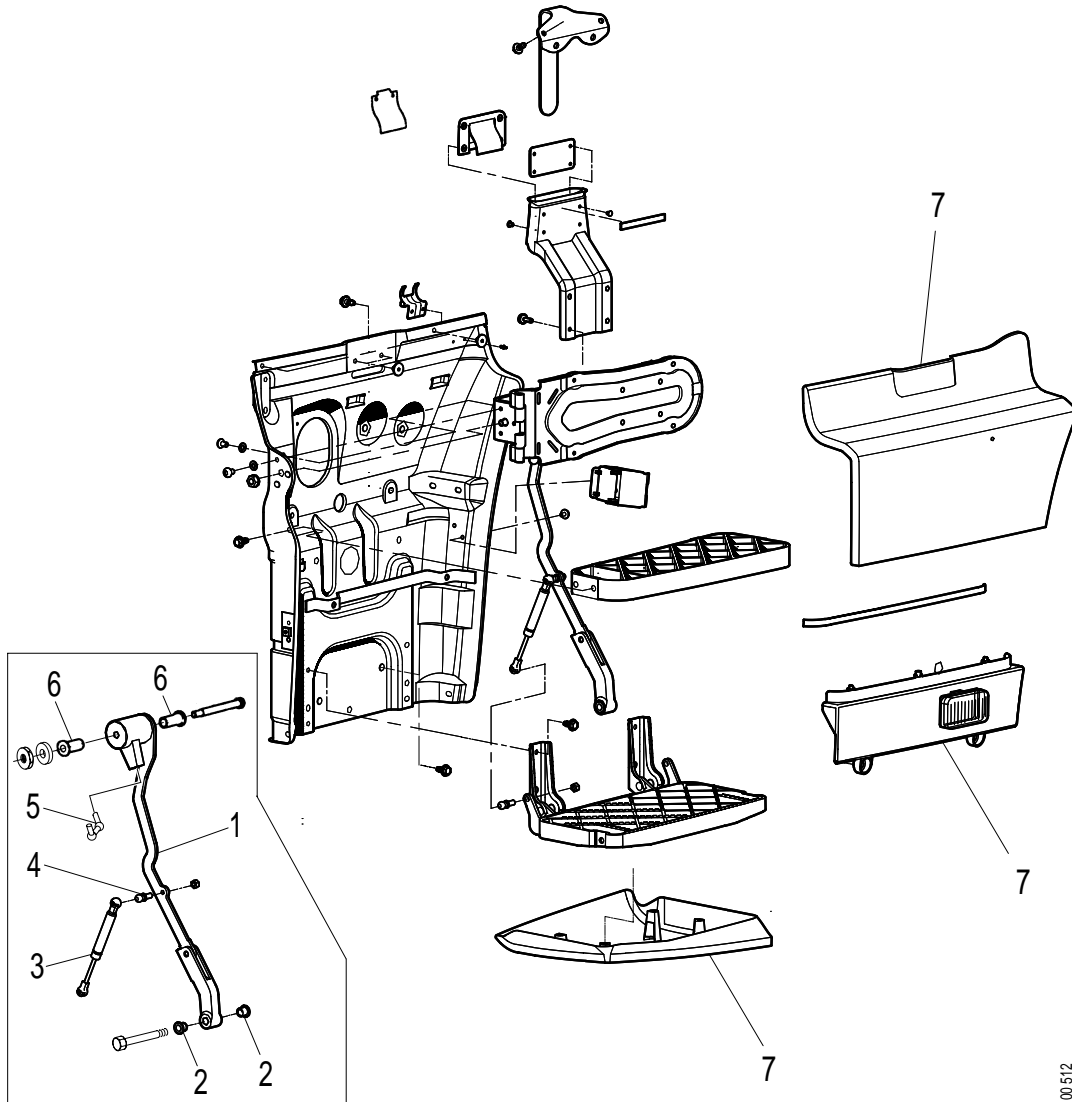


116 374

Contents

Concealed footstep, P and R cab	3
Concealed footstep, CrewCab	9
Fixed footsteps, P and R cab	10
Footstep, T cab	12

Concealed footstep, P and R cab



- 1 Mechanism
- 2 Lower bushings
- 3 Gas spring
- 4 Ball pin
- 5 Ball joint link
- 6 Upper bushings
- 7 Covers

100 512

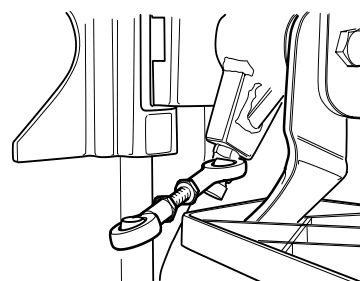
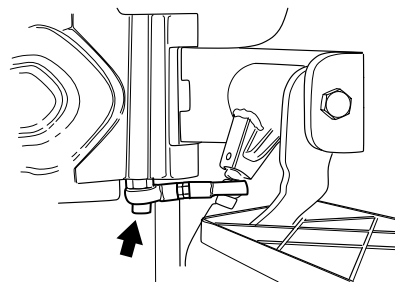
Ball joint link

Adjustment

If the concealed footstep does not close completely, the ball joint link can be adjusted.

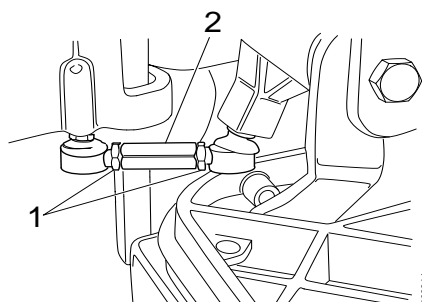
Version 1

- 1 Remove the ball joint link attachment from the door.
- 2 Turn one part of the ball joint link and follow with the lock nut.
- 3 Refit the ball joint link attachment to the door. Check that the footstep closes completely. Adjust again if required.



Versions 2 and 3

- 1 The ball joint link consists of a rigging screw. When adjusting, this should not be loosened at the door attachment.
- 2 Loosen lock nuts 1 on either side of the sleeve.
- 3 Adjust one way by rotating sleeve 2 in small increments. Check that the footstep closes completely. Adjust again if required.

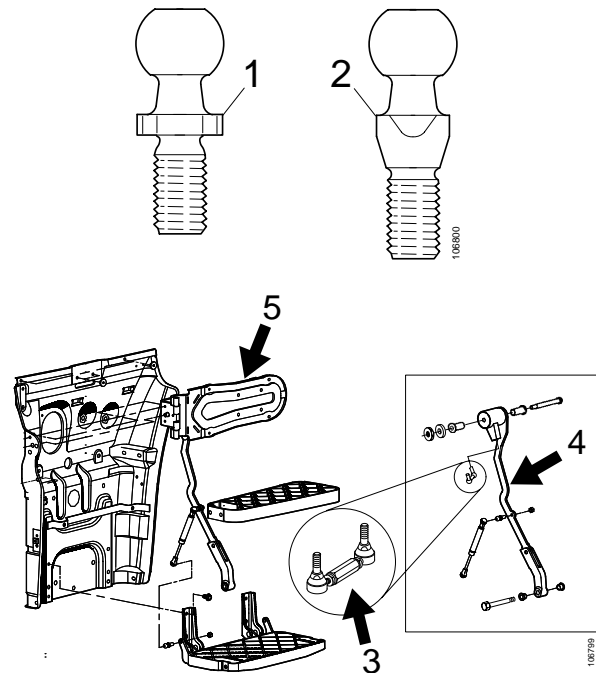


Renewal

The link comes in three versions. Do not repair versions 1 and 2, instead upgrade the mechanism and the ball joint link to version 3, where the ball joint link consists of a rigging screw.

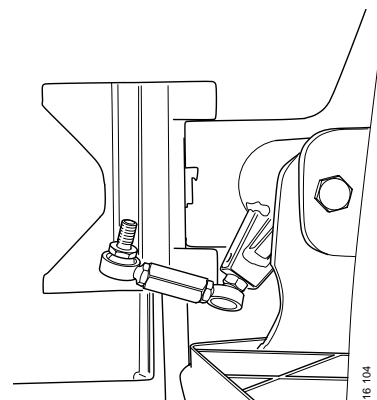
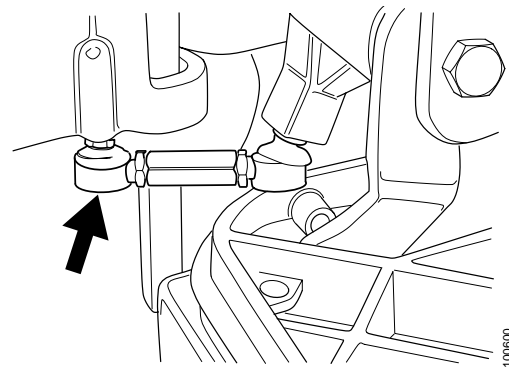
The difference is that the ball joints in version 3 have a tapered seat against the cover and the mechanism. This gives the ball joints a longer service life.

To upgrade to version 3, the cover must also be renewed.



- 1 *Ball joint, version 2*
- 2 *Ball joint, version 3*
- 3 *Ball joint link*
- 4 *Mechanism*
- 5 *Cover*

- 1 Remove the ball joint link from the door.
- 2 Turn the upper part of the mechanism outwards and remove the ball joint link from the mechanism.
- 3 Fit a new ball joint link to the mechanism.
- 4 Turn the upper part of the mechanism back to the original position.
- 5 Fit the ball joint link to the door. Check that the footstep closes completely.



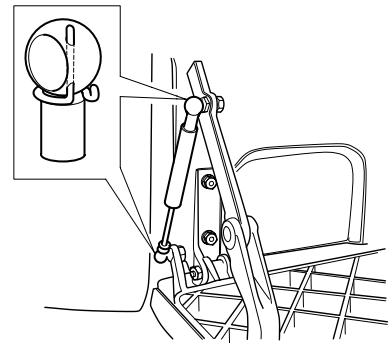
Mechanism

Renewal

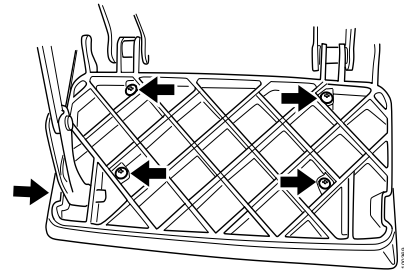
The mechanism comes in three versions. Do not repair versions 1 and 2. Upgrade the mechanism and ball joint link to version 3, where the ball joint link has a tapered seat and consists of a rigging screw.

Removal, versions 2 and 3

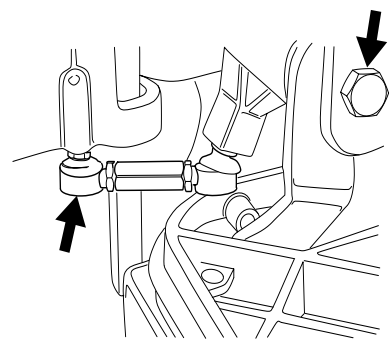
- 1 Tilt the cab. Refer to Warnings, tilting the cab and Instructions, tilting the cab in the Workshop manual group 18; Cab, removal and fitting.
- 2 Remove the gas spring from the upper and lower brackets by first removing the pins.



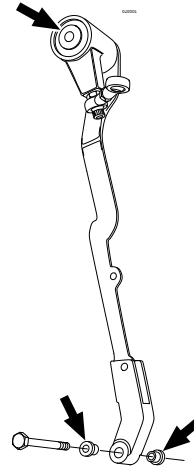
- 3 Remove the lower cover.
- 4 Remove the lower mechanism attachment from the footstep.



- 5 Remove the ball joint link attachment from the door.
- 6 Disconnect the mechanism from the upper bracket. It is secured using a through bolt with washer and nut, which requires a counterhold.

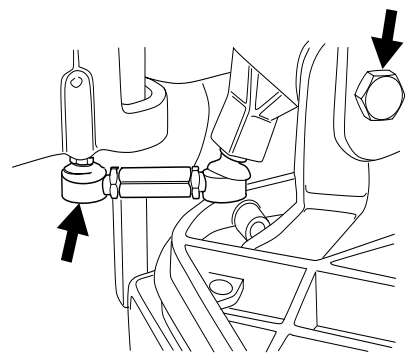


- 7 Renew the upper and lower bushings if required.

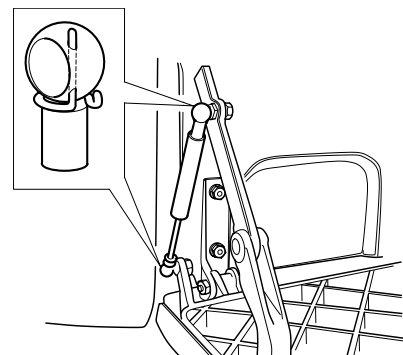


Fitting, version 3.

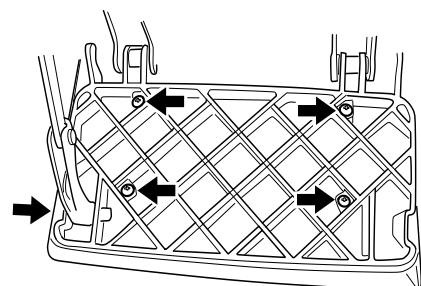
- 1 Insert the mechanism down through the footstep and tighten the upper bracket.
- 2 Fit the ball joint link to the attachment in the door.
- 3 Fit the lower mechanism attachment to the footstep.



- 4 Fit the gas spring and lock using the pins.
- 5 Fit the lower cover.



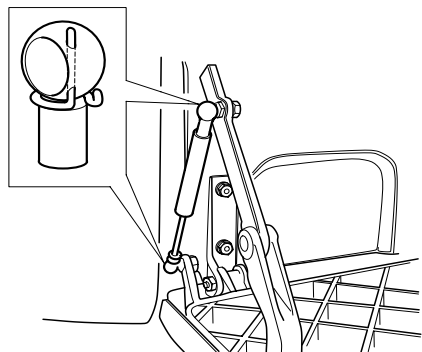
- 6 Lower the cab.



Gas spring

Renewal

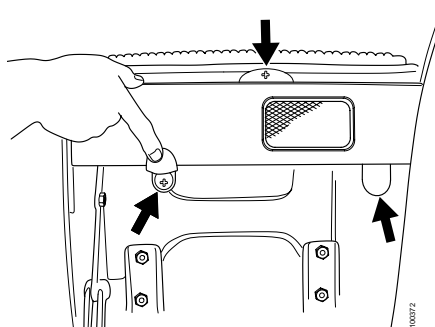
- 1 Remove the pins from the upper and lower gas spring attachments and remove the gas spring.
- 2 Renew the ball pins if required.
- 3 Fit a new gas spring and lock using the pins.



Cover

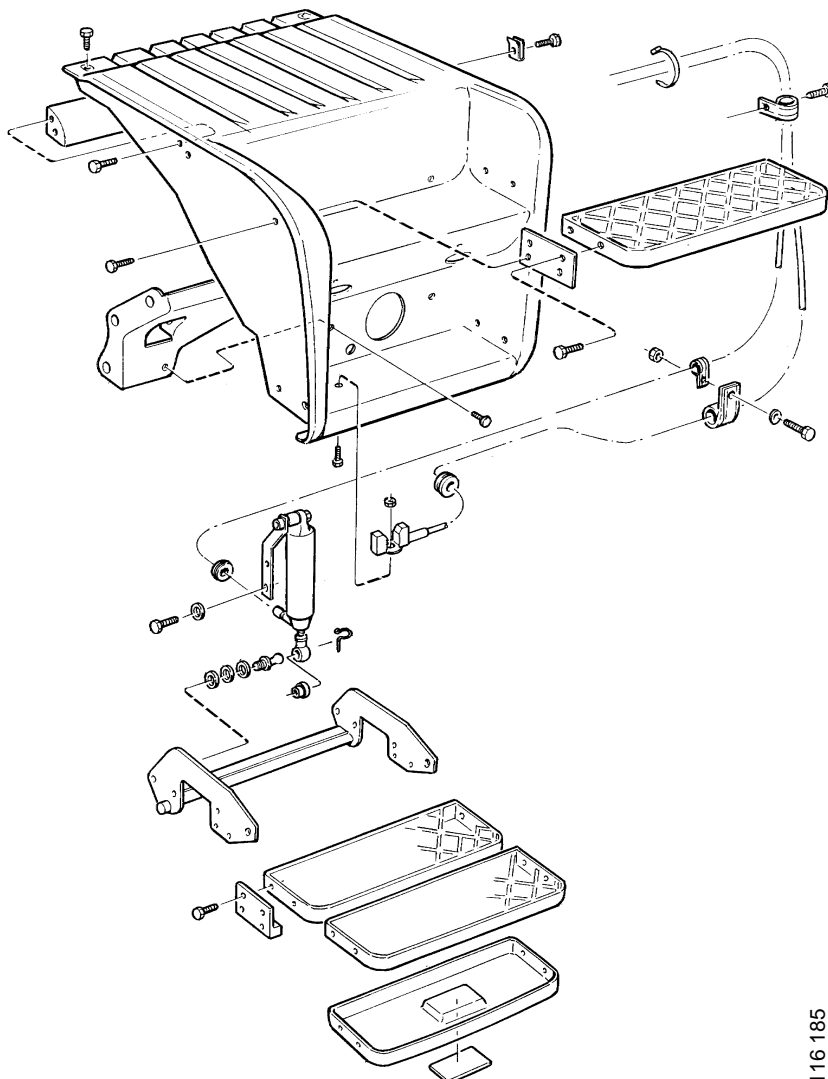
Renewal

Remove the fitting screws for the plastic cover and renew the plastic cover.



Concealed footstep, CrewCab

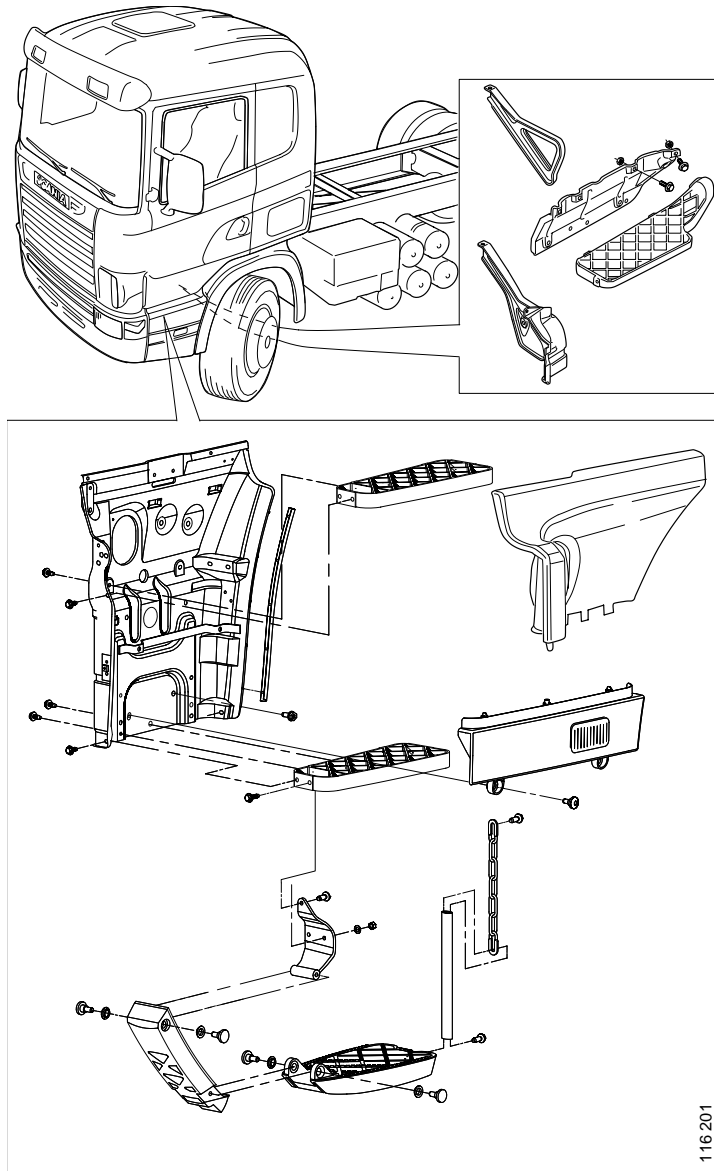
Certain CrewCabs are equipped with a concealed rear footstep. A sensor in the door activates a solenoid valve, which then releases air to the cylinder and the footstep folds out. When the door is closed, the solenoid valve is deactivated and a spring in the cylinder folds up the footstep.



Fixed footsteps, P and R cab

Some cabs are only equipped with fixed footsteps. Vehicles in C class are also equipped with an extra jointed footstep.

The footstep in the cab is fixed.

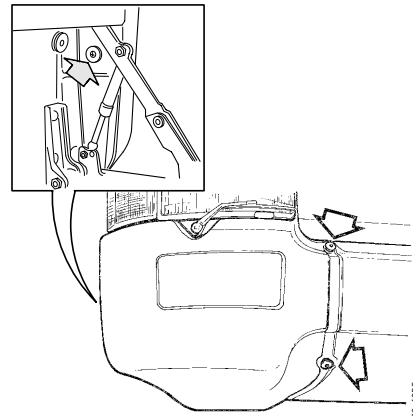


Renewal of the cab footstep

- 1 Tilt the cab. Refer to Warnings, tilting the cab and Instructions, tilting the cab in the Workshop manual group 18; Cab, removal and fitting.
- 2 Renew the cab footstep.

Renewal of the boarding step well and/or upper footstep

- 1 Tilt the cab. Refer to Warnings, tilting the cab and Instructions, tilting the cab in the Workshop manual group 18; Cab, removal and fitting.
- 2 Remove the bumper side cover.
- 3 Remove the front part of the mudguard.



To remove the boarding step well:

- 4 **Right-hand side:** Remove the dirt indicator.
- 5 Remove the boarding step well.

To remove the footstep:

- 6 **Left-hand side on vehicles with fixed lower footstep:** Remove the cover over the air dryer.
- 7 **On vehicles with concealed lower footstep:** Remove the footstep mechanism, refer to Mechanism, renewal.
- 8 Remove the footstep.
- 9 Refit the parts in reverse order and lower the cab.

Renewal of lower footstep

Renew the lower footstep by unscrewing it from the inside.

Footstep, T cab

The footstep in the cab is fixed.

On both sides, in front of the front axle is a service footstep, used to gain access to the engine compartment.

T cab trucks have fixed footsteps for the cab. The footstep on the left-hand side is also the cover to the battery compartment. The same footstep is also found on P and R tractor units, used to gain access to the catwalk.

