

Oil residues on rear axle in area of drive pinion bearing seal

Topic number	LI35.31-N-048694
Version	3
Design group	35.31 Rear axle center assembly
Date	06-26-2017
Validity	Model 906.###
Reason for change	Distribution revised
Reason for block	

Complaint:

Oily residues are found in the area of the bearing seal of the drive pinion.

Attachments	
File	Description
1.pdf	Sweating at pinion bearing seal

Cause:

Before starting repair work to rectify leaks, carefully check what type of leak is present at the affected major assembly.

Moist areas from which no fluid is dripping off or draining away are within normal operating parameters. These are caused by the phenomenon of "sweating" (see attachment).

This "sweating" cannot be avoided and does not have any negative effects. This sweating may also be caused by pre-greasing of the pinion sealing ring.

Remedy:

Repairs due to sweating only produce an aesthetic improvement and are not covered under warranty.

To perform a precise check, clean the affected area thoroughly with a cloth and monitor over an appropriate period of time (approx. 1 week or max. 60 miles).

If necessary, check the rear axle oil level and the housing ventilation up to the frame crossmember.

If fluid is dripping or draining off visibly, a leak is present which must be eliminated by performing appropriate repair work as described in WIS.

If a leak is present, also replace the standard oil drain screw with a magnetic oil drain screw A 000 990 58 17.

Symptoms
Power transmission / Differential / Rear axle differential / Leakage / Oil loss

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0009905817			Bolt	1	Magnetic oil drain screw	X

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			35223 04	Only with corresponding damage profile: Drive pinion sealing ring - Leaking The listed damage code is not to be considered as an acceptance of costs. The general guidelines in the Warranty Manual apply.

WIS-References			
Document number	Title	Note	Allocation
AR35.30-D-4670H	Remove/install radial sealing ring at drive pinion gear		Remedy

Validity		
Vehicle	Engine	Transmission
Sprinter III	*	*