

Model series 222 - Squeaking noises from service brake when braking

Topic number	LI42.10-P-058354
Version	2
Design group	42.10 Service brake
Date	03-21-2014
Validity	MODEL 222.085; 222.082; 222.185; 222.182 with code 494
Reason for change	Validity extended to include rear axle
Reason for block	

Complaint:

Squeaking noises from the service brake when braking.

The complaint occurs primarily at low speeds when the operating temperature of the brakes is low.

Cause:

Brake lining vibrations at low brake operating temperature.

Remedy:

1) Locate the squeaking noises. Ascertain which axle is causing the noise.

Note: If necessary call on a second person to locate the noise.

2) If the problem is caused by the front axle brakes:

Brake linings on the front axle with part number

A007 420 33 20

are to be replaced.

3) If the problem is caused by the rear axle brakes:

Brake linings on the rear axle with part number

A006 420 92 20

are to be replaced.

Symptoms
Chassis/suspension / Brake system / Service brake / Brake noise / Squeaking

Parts																
<table border="1"> <thead> <tr> <th>Part number</th> <th>ES1</th> <th>ES2</th> <th>Designation</th> <th>Quantity</th> <th>Note</th> <th>EPC</th> <th>Other ma-</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other ma-								
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other ma-									

							ke part
A 007 420 33 20			Front axle brake lining parts kit	1	Note installation position of brake linings!	X	
A 006 420 92 20			Rear axle brake lining parts kit	1		X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
42-2706	REMOVE/CHECK/INSTALL FRONT AXLE BRAKE PADS		42114 36	
42-2851	REMOVE/INSTALL BRAKE LININGS ON REAR AXLE, REPLACE IF NECESSARY (WHEELS REMOVED)		42214 36	
40-1590	REMOVE/INSTALL WHEELS (2)			Encode with 42114 36 or 42214 36 depending on the affected axle

WIS-References			
Document number	Title	Note	Allocation
AR42.10-P-1600LF	Remove/check/install front axle brake pads		Remedy

Validity		
Vehicle	Engine	Transmission
222.082	*	*
222.085	*	*
222.182	*	*
222.185	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
222.082	278.929	722.909
222.082	278.929	725.011
222.085	278.929	722.967
222.085	278.929	725.041
222.182	278.929	722.909
222.182	278.929	725.011
222.185	278.929	722.967
222.185	278.929	725.041