

Noise From Front Axle

Topic number	LI32.20-P-072611
Version	1
Function group	32.20 - Steel springs, torsion bars, Niveamat
Date	3/10/21
Validity	Models 177, 118, 247, 243
Reason for change	

Complaint

Noise from the front axle when steering while stationary or when steering at low speeds.

Cause

Plain bearing on front axle does not meet specification.

Remedy

Replacement of plain bearings if abrasive marks are visible. See photo no. 1 in the attachment.

If abrasive marks are not present, the plain bearing is not the cause. The noise must be caused by other factors.

WIS-References		
Document number	Title	Note
AR32.25-P-1017MFA	Remove/install front suspension strut	As required
AR32.25-P-1018MFA	Disassemble/assemble suspension strut	disassemble as required and install bearing

Symptoms
Chassis/suspension > Noises > Cracking
Chassis/suspension > Noises > Knocks
Chassis/suspension > Noises > Thumping
Chassis/suspension > Suspension/Dampening > Suspension system noises > Thumping
Chassis/suspension > Steering system > Noises > Cracking
Chassis/suspension > Steering system > Noises > Chattering/knocking
Chassis/suspension > Axle > Front axle > Noises > Knocks
Chassis/suspension > Axle > Front axle > Noises > Thumping

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2183210083			Plain bearing	1	one plain bearing per suspension strut	X

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
321908	Replace front left shock-absorber strut (suspension strut removed)		32D05	as required disassemble suspension strut on left side and install bearing
321914	Replace front right shock-absorber strut (suspension strut removed)		32S05	as required disassemble suspension strut on right side and install bearing
321955	Remove/install left suspension strut of front axle		32D05	as required, left side
321960	Remove/install right shock-absorber strut of front axle		32S05	as required, right side