

Grinding/scraping noise from front axle area during normal driving

Topic number	LI32.22-P-048108
Version	2
Design group	32.22 Air suspension
Date	08-17-2016
Validity	MODEL 212 with code 489 (Air suspension)
Reason for change	Picture deleted
Reason for block	

Complaint:

Grinding/scraping noise from front axle area when driving.

Cause:

Protective boot of air suspension strut may scrapes/chafes on tire.

Remedy:

Remove damaged boot.

Install new protective boot.

Note:

Folds of protective boot may not be pressed-in. (See Figure 1)

It is not necessary to replace the suspension strut.

Attachments	
File	Description
Manschette eingedrueckt.JPG	Picture 1 Boot pressed-in

Symptoms

Chassis/suspension / Noises / Grunting

Chassis/suspension / Noises / Howling/whistling/squeaking

Chassis/suspension / Axle / Front axle / Noises / Grunting

Chassis/suspension / Axle / Front axle / Noises / Squeals

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 212 323 05 92			Boot	1		X

Operation numbers/damage codes

XENTRY TIPS

Op. no.	Operation text	Time	Damage code	Note
32-1955	REMOVE/INSTALL LEFT FRONT SUSPENSION STRUT			
32-1960	REMOVE/INSTALL FRONT RIGHT SUSPENSION STRUT			
32-1941	REPLACE BOOT FOR SHOCK ABSORBER OF 1ST VEH. AXLE, LOCATION:.... (SUSPENSION STRUT REMOVED)		32322 07	
40-6500	PERFORM VEHICLE ALIGNMENT			
40-4064	ADJUST TOE OF FRONT WHEELS (DURING VEHICLE ALIGNMENT)			

WIS-References			
Document number	Title	Note	Allocation
AR32.25-P-1017EWA	Remove/install front suspension strut		Remedy
AR40.20-P-0200EW	Perform wheel alignment check		Remedy

Attachments

XENTRY TIPS

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drueckt.JPG:

