

Thumping from area of front axle when driving over large road undulations

Topic number	LI32.22-P-052062
Version	1
Design group	32.22 Air suspension
Date	06-23-2011
Validity	Model 212 with code 489 (AIRMATIC)
Reason for change	

Complaint:

Thumping from area of front axle when driving over large road undulations. The noise is most pronounced when driving over speed humps.

Cause:

When the suspension struts on the front axle rebound, the rebound buffer spring comes into action and causes a single metallic knocking noise.

Remedy:

Flash Airmatic control unit

The necessary Star Diagnosis software is available with DVD 05-06/2011.

Symptoms
Chassis/suspension / Cracking / Chassis, noises /
Chassis/suspension / Knocking / Chassis, noises /
Chassis/suspension / Thumping / Chassis, noises /
Suspension system noises / Chassis/suspension / Suspension/Dampening / Thumping noise /
Suspension system noises / Chassis/suspension / Suspension/Dampening / Metallic noise /
Front axle, noise / Axles / Chassis/suspension / Front axle / Knocking /
Front axle, noise / Axles / Chassis/suspension / Front axle / Thumping /
Front axle, noise / Axles / Chassis/suspension / Front axle / Cracking /

Control unit/fault code		
Control unit	Fault code	Fault text
AIRMATIC - AIRMATIC (N51/3) (SPC_204)	-	-

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A2049027402			AIRMATIC software	1	As of Star Diagnosis software DVD 05-06/2011		X

Work units				
Op. no.	Operation text	Time	Damage code	Note
			32564 90	Flash control unit