

Knocking/creaking noises from area of front axle when maneuvering

Topic number	LI33.15-P-047471
Version	8
Design group	33.15 Axle links
Date	12-04-2013
Validity	Model series 203 except 4MATIC, model series 171, 209, 204, 207
Reason for change	WIS references changed
Reason for block	

Complaint:

Knocking/creaking noises from the area of the front axle when maneuvering with steering almost at full lock.

Cause:

Hydro-mount in strut rod.

When maneuvering, the inner stop plug in the hydro-mount collides with the outer sleeve and causes corresponding noises.

Note:

The noise can be best reproduced by driving a figure - 8 in reverse. If the noises occur during this maneuver, then the steering gear is definitely not the cause and must not be replaced.

Remedy:

Replace hydro-mounts on both strut rods. See EPC for part number.

Important: If no rubber boots are present, they must be retrofitted. Follow assembly instructions in WIS.

Symptoms							
Chassis/suspension / Chassis, noises / Knocking							
Chassis/suspension / Steering system / Steering noise / Chattering/knocking							
Chassis/suspension / Axle / Front axle / Front axle, noise / Knocking							
Chassis/suspension / Axle / Front axle / Front axle, noise / Grunting							

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A2113330697			Boot	4	Follow assembly instructions in WIS.	X	

WIS-References			
Document number	Title	Note	Allocation
AR33.15-P-0160P	Remove/install torque strut at front axle	Model 203 except 4MATIC, 209	Remedy
AR33.15-P-0160-02P	Press in/out rubber mount of strut rod	Model 203 except 4MATIC, 209	Remedy
AR33.15-P-0160V	Remove/install torque strut at front axle	Model 171	Remedy
AR33.15-P-0160-02V	Press in/out rubber mount of strut rod	Model 171	Remedy
AR33.15-P-0159EW	Install/remove rubber mount of strut rod	Model 204 except 4MATIC, 207 except 4MATIC (Strut rod remains bolted in steering knuckle at ball joint end)	Remedy
AR33.15-P-0160-02EWS	Press in/out rubber mount of strut rod	Model 204 except 4MATIC, 207 except 4MATIC (Strut rod remains bolted in steering knuckle at ball joint end)	Remedy
AR33.15-P-0160CW	Remove/install torque strut at front axle	Model 204 4MATIC, 207 4MATIC	Remedy
AR33.15-P-0160-02SXY	Press in/out rubber mount of strut rod	Model 204 4MATIC, 207 4MATIC	Remedy
AR33.15-P-0160-03T	Remove/install rubber boots at rubber mount	Model 171, 172, 203, 204, 207, 209, 211, 212, 216, 218, 219, 221, 230 (Rubber boots must always be retrofitted!)	Remedy

Validity		
Vehicle	Engine	Transmission
C (203)	*	*
C (204)	*	*
CLK (209)	*	*
E (207)	*	*
GLK (204)	*	*
SLK (171)	*	*