

Knocking/creaking noises from area of front axle when maneuvering

Topic number	LI33.15-P-047471
Version	6
Design group	33.15 Axle links
Date	01-24-2013
Validity	Model series 203 except 4MATIC, model series 171, 209, 204, 207
Reason for change	Part number adjusted
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 the rubber boots are not 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 / Axles / Front axle / Front axle, noise / Knocking							
Chassis/suspension / Axles / 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	

XENTRY

WIS-References			
Document number	Title	Note	Allocation
AR33.15-P-0160P	Remove/install strut rod on front axle	Model 203 except 4MATIC, 209, 171	Remedy
AR33.15-P-0160-02P	Press in/out rubber mount of strut rod	Model 203 except 4MATIC, 209, 171	Remedy
AR33.15-p-0160-02p	Press in/out rubber mount of torque strut	Model 203,204,207	Remedy
AR33.15-P-0160-03T	Remove/install rubber boots on rubber mount	MODEL 171, 203, 204, 207, 209, 211, 216, 219, 221, 230 Always retrofit the rubber boots.	Remedy
AR33.15-P-0160CW	Remove/install strut rod on front axle	Model 204, 207	Remedy
AR33.15-P-0159EW	Install/remove rubber mount of strut rod	Model 204(Strut rod remains bolted to steering knuckle on ball joint side).	Remedy

Validity		
Vehicle	Engine	Transmission
204.000	*	*
204.001	*	*
204.002	*	*
204.003	*	*
204.006	*	*
204.007	*	*
204.008	*	*
204.022	*	*
204.025	*	*
204.041	*	*
204.044	*	*
204.045	*	*
204.046	*	*
204.047	*	*
204.048	*	*
204.049	*	*
204.052	*	*
204.054	*	*
204.056	*	*
204.065	*	*
204.077	*	*
204.081	*	*
204.082	*	*

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204.085	*	*
204.087	*	*
204.089	*	*
204.092	*	*
204.200	*	*
204.201	*	*
204.202	*	*
204.203	*	*
204.207	*	*
204.208	*	*
204.222	*	*
204.225	*	*
204.241	*	*
204.245	*	*
204.246	*	*
204.247	*	*
204.248	*	*
204.249	*	*
204.252	*	*
204.254	*	*
204.256	*	*
204.277	*	*
204.282	*	*
204.289	*	*
204.292	*	*
204.901	*	*
204.902	*	*
204.956	*	*
204.981	*	*
204.982	*	*
204.983	*	*
204.984	*	*
204.987	*	*
204.992	*	*
207.302	*	*
207.303	*	*
207.322	*	*
207.347	*	*
207.348	*	*
207.356	*	*
207.357	*	*
207.372	*	*
207.402	*	*

XENTRY

207.403	*	*
207.422	*	*
207.447	*	*
207.448	*	*
207.456	*	*
207.457	*	*
207.472	*	*
C (203)	*	*
CLK (209)	*	*
SLK (171)	*	*