

Chattering from rear differential while turning

Topic number	LI35.40-P-060213
Version	3
Design group	35.40 Differential locks
Date	03-30-2015
Validity	CLA 4MATIC from vehicle number N071754 to N079775 GLA 4MATIC from vehicle number N064216 to N071092
Reason for change	Validity Changed
Reason for block	

Complaint:

Thumping, grinding, or chatter while turning coming from the rear of the vehicle.

Cause:

Internal differential assembly

Remedy:

Disconnect the electrical connector for the all-wheel drive solenoid valve (Y68/3).

Test drive the vehicle.

If the noise is gone, please replace the rear differential.

Symptoms

Power transmission / Differential / Rear axle differential / Rear axle differential, noise / Chattering

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 246 350 69 00			Rear Axle Differential	1	Always Check EPC	X

Work units

Op. no.	Operation text	Time	Damage code	Note
			35001 46	Rear differential noise
94-1010	UNPLUG SOLENOID TEST DRIVE - SEPERATE TIME PUNCH IN/OUT MILEAGE			
61-1116	LEFT UNDERPAN			
61-1117	RIGHT UNDERPAN			
35-1300	REPLACE REAR AXLE- ALL INCLUSIVE LABOR			

WIS-References			
Document number	Title	Note	Allocation
ar35.00-p-2000a	Locate noises from rear axle		Complaint
ar35.10-p-0010nkb	Remove/install complete rear axle		Remedy

Validity		
Vehicle	Engine	Transmission
117.346	*	*
156.946	*	*