

XENTRY TIPS

Throttle lift-off clunking noise from side shaft

Topic number	LI35.30-P-058566
Version	4
Design group	35.30 Final drive, drive shafts
Date	08-17-2016
Validity	Model 171,203,204,205,207,209,211,212,215,216,217,218,219,220,221,222,230,231 Models 203, 209, 171 as of approx. week 21/04 coated as standard with Molykote paint
Reason for change	Validity for new model series updated.

Complaint:

Single throttle lift-off clunking noise from the side shaft when moving off (audible at the outboard end). Noise is heard once when changing direction of travel.

Note: Sound file in attachments

Attachments	
File	Description
Beanstandung Lastwechselknacken.mp3	Sound recording of complaint

Cause:

If the complaint is eliminated by experimentally loosening the outboard collar nut (by 1 turn), the complaint may be due to cracking of the microweld between the wheel bearing inner race and the joint housing of the side shaft.

Note: The collar nut must always be replaced after being loosened.

Remedy:

Coat contact surface of side shaft with wheel bearing with Molykote paint. To do this, proceed as follows:

1. Remove side shafts
2. Clean contact surface A (see image file in attachment "Outer joint housing before") before coating with Molykote paint (free of dust and grease)
3. Coat contact surface A (see image file in attachment "Outer joint housing after") with Molykote and leave to dry for "one hour" in removed condition
4. Reinstall side shafts

Note: Before using low friction paint (Molykote) stir or shake it thoroughly.

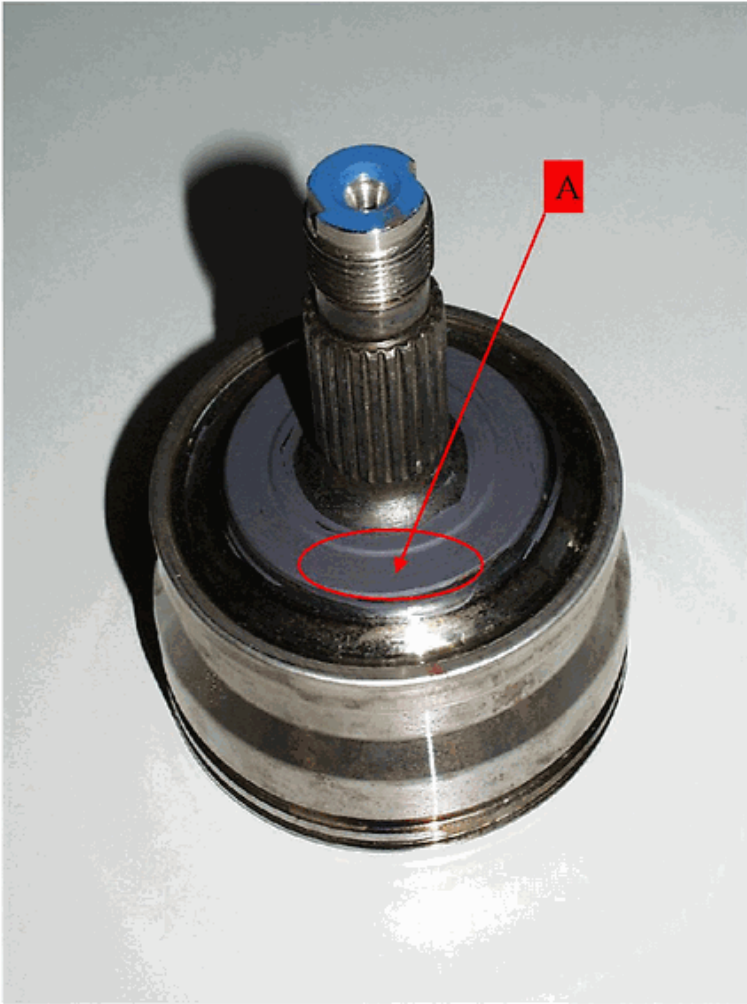
Attachments	
File	Description
Gelenkgehäuse aussen vor.jpg	Before coating with Molykote paint

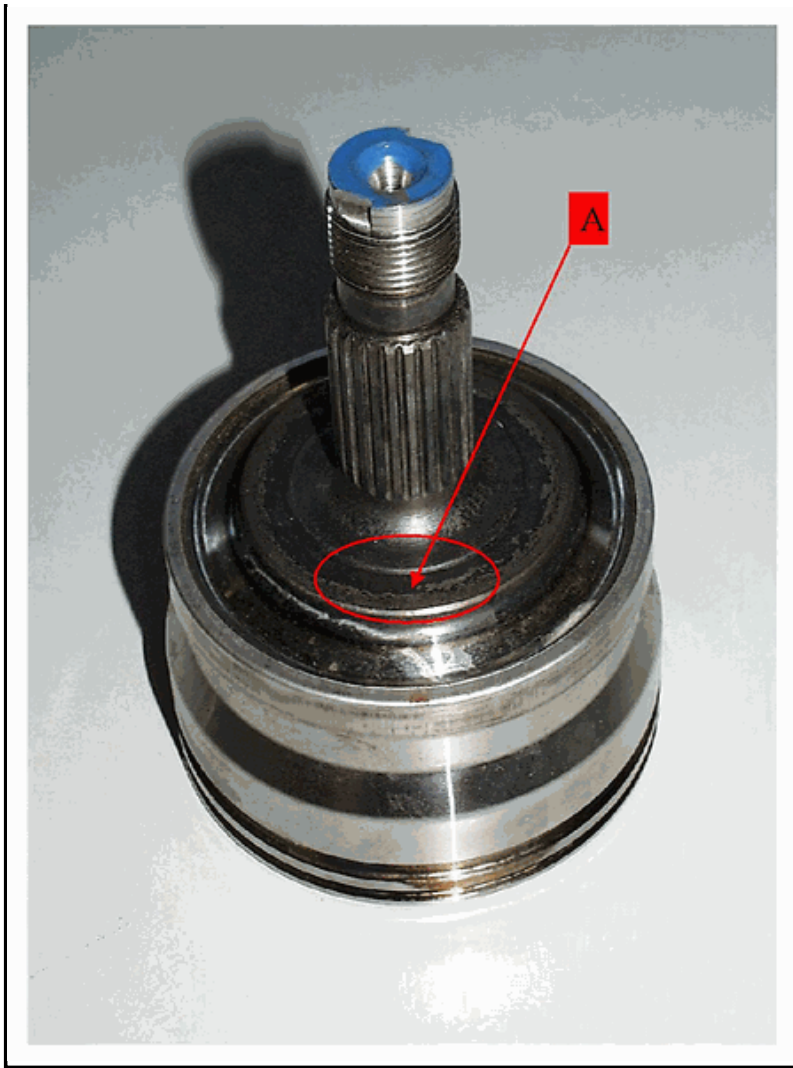
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Gelenkgehäuse aussen nach.jpg After coating with Molykote paint

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 989 01 52	10		Low-friction paint (Molykote)	1		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
35-7230	REMOVE/INSTALL BOTH REAR AXLE SHAFTS		35S02 34	
35-7230	REMOVE/INSTALL BOTH REAR AXLE SHAFTS		35D02 34	





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ALLDATA Editor Note:

The attachment "Beanstandung Lastweschelknacken.mp3" is not included with this bulletin.

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