

Engine/ ticking noises from area of driver footwell

Topic number	LI46.10-P-061374
Version	2
Design group	46.10 Steering wheel, casing tube, steering shaft, steering lock
Date	07-23-2015
Validity	Model 222 Model 217
Reason for change	Reference to a different cause from DG54 added.

Complaint:

Engine or ticking noises from the area of the driver footwell.

Attachments	
File	Description
Noise file.mp3	Noise (ticking)

Cause:

The profile seal detaches from the stem of the lower steering shaft (Attachment - "Profile seal") and is found in the steering coupling.

Attachments	
File	Description
Profile seal.pdf	Detached profile seal

Remedy:

Replace lower steering shaft.

Procedure:

1. Put vehicle on lifting platform.
2. Turn steering wheel to straightahead position and secure to prevent it from turning.
3. Remove lower steering shaft.
4. Regrease boot of steering shaft before installing the new lower steering shaft (see parts list for grease).
5. Install new lower steering shaft in the reverse order.

Notes:

1. The attachment ("Spare parts") lists all the parts required for the repair.
 - Order part 1 (bolt) as per EPC.
 - Order part 2 (lower steering shaft) from parts list.

XENTRY TIPS

2. Before repairing, the loose profile seal must be removed from the steering coupling and must not be reinstalled.

3. If the profile seal is not the cause of the problem, refer to the LI (TIPS) document entitled "Ticking noises audible in interior at approx. 1000-1800 rpm" in DG 54.

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A2224602109			Lower steering shaft (part 2)	1	LHD/RHD (not for vehicles with code M005 or M274)	
A2224602209			Lower steering shaft (part 2)	1	LHD/RHD (only for vehicles with code M005 or M274)	
A 001 989 84 51			Lubricating grease/ brake paste	1	Regrease boot	X

Attachments	
File	Description
Spare parts.pdf	Overview of parts

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			46211 36	Steering shaft/steering column noise

WIS-References			
Document number	Title	Note	Allocation
AR46.10-P-0621LF	Replace boot of steering shaft		Remedy