

## Scratching noises during gear-shift operation

Topic number	LI27.50-P-057355
Version	5
Function group	27.50 Gear assembly
Date	10-29-2018
Validity	Vehicles of model series 246, model series 176 and model series 117 with automatic transmission 7G-DCT and transmission sequence numbers 108.000 – 210.000. Affected production period: 01.12.2012 - 30.06.2013.
Reason for change	Update of item numbers of output shaft assemblies to be used. Old shafts no longer available
Reason for block	

### Complaint:

Scratching noises during gear-shift operation.

Attachments	
File	Description
Schaltung 2-3IMG_0729.Mp3	Sound file

### Cause:

Possibly increased wear on synchronizations in transmission - usually most noticeable in 3rd gear.

### Remedy:

For this fault profile a replacement of both transmission output shafts is sufficient.

Symptoms
Power transmission / Noises / Rattling
Power transmission / Noises / Grinding
Power transmission / Automatic transmission / Noises / Noise

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 246 260 68 20			Output shaft	1	for transmission model designation 724.002	X
A 246 260 31 00			Output shaft	1	for transmission model designation 724.002	X
A 246 260 67 20			Output shaft	1	for transmission model designation 724.003	X
A 246 260 30 00			Output shaft	1	for transmission model designation 724.003	X

# XENTRY TIPS

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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			2711B 36	3rd gear wheel for dual clutch transmission noise

Validity			
Vehicle	Engine	Transmission	
A (176)	651.901	724.003	
A (176)	270.910	724.002	
A (176)	651.930	*	
A (176)	270.920	*	
B (242, 246)	651.901	724.003	
B (242, 246)	270.910	724.002	
B (242, 246)	651.930	*	
B (242, 246)	270.920	*	
CLA (117)	651.901	724.003	
CLA (117)	270.910	724.002	
CLA (117)	270.920	*	
CLA (117)	651.930	*	