

Howling noise between 60 km/h and 80 km/h in acceleration and deceleration mode

Topic number	LI27.00-P-057716
Version	2
Design group	27.00 General
Date	01-07-2015
Validity	Vehicles of model series 246, 176, 117, 156 with automatic transmission 7G-DCT and the diesel and gasoline engine variants.
Reason for change	AMG and X156 added
Reason for block	

Complaint:

Howling noise between 60 km/h and 80 km/h (35 mph and 50 mph) in acceleration and deceleration

Cause:

The gearing of the spur gear excites the side shaft at its natural frequency -> a howling noise can be heard

Remedy:

Vehicles with OM 651:

Installation of a side shaft damper (A 246 337 02 00) with clamp (A 001 995 26 35) on the left side shaft -> see installation instructions in attachment

Vehicles with M 270:

Installation of a side shaft damper (A 246 337 02 00) with clamp (A 001 995 26 35) on the left side shaft. The left side shaft must be replaced (installation of solid shaft A 246 330 31 00) -> see installation instructions in attachment

IMPORTANT! Replacement of the left side shaft is **ONLY** necessary in vehicles with M270!

Attachments	
File	Description
Montageanleitung_Instruction.pdf	Assembly instructions

Symptoms

Power transmission / Power transmission, noise / Howling/whistling

Power transmission / Automatic transmission / Automatic transmission - noises / Howling/whistling

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 246 330 31 00			Side shaft	1		X
A 246 337 02 00			Damper	1		X

A 001 995 26 35		Clamp	1		X
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Work units				
Op. no.	Operation text	Time	Damage code	Note
			27800 36	Dual clutch transmission noise
02-0001	INSTALL DAMPER			

Validity		
Vehicle	Engine	Transmission
117.303	651.930	724
117.342	270	724.002
117.343	270	724.002
117.344	270	724.003
156.942	270	724
156.943	270	724
156.944	270	724
156.945	270	724
156.946	270	724
176.000	651	724.003
176.001	651	724.003
176.003	651	724.003
176.007	651	724.003
176.042	270	724
176.043	270	724
176.044	270	724
176.046	270	724
242.848	270	724.003
246.200	651	724.003
246.201	651	724.003
246.203	651	724.003
246.207	651	724.003
246.242	270	724.002
246.243	270	724.002
246.244	270	724.003
A (176)	133	724.015
GLA (156)	607	724
GLA (156)	133	724
GLA (156)	651	724