

Oil ejection from transmission breather or oil pump screeching during dynamic driving

Topic number	LI27.10-P-059642
Version	4
Design group	27.10 Complete transmission
Date	08-28-2014
Validity	AMG vehicles with transmission 722.905/722.907/722.909/722.930/722.931/722.932/722.971 as of production 06/2012
Reason for change	Adding Coding

Complaint:

Oil ejection from transmission breather or oil pump screeching during dynamic driving

Cause:

Oil ejection: When delivered with a fairly high oil level, and with a sporty driving style and higher transmission fluid temperature, the ATF can foam up so much that it exits at the transmission breather.

Oil pump screeching: When delivered with a fairly low oil level, and when in dynamic driving situations, the supply to the oil pump may be insufficient whereupon a whistling noise may be generated.

Remedy:

Notes

Before starting the repair, make sure that any leaked oil was actually ejected through the breather.

Remedy:

Change oil to Shell ATF 134FE (available from PDCs) and set oil level at 40°C

Procedure for replacing oil:

- 1) Completely drain off gear oil (remove transmission oil pan to remove all oil)
- 2) Mount transmission oil pan using old bolts and add Shell oil to transmission
- 3) Start engine and let it idle for approx. 1 minute
- 4) Completely drain off gear oil again (dismantle transmission oil pan)
- 5) Mount transmission oil pan using new bolts and new seal
- 6) Add Shell oil to transmission and adjust oil level at 40°C (screw in drain screw, as soon as thicker oil stream starts to separate)

Parts

XENTRY TIPS

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 220 271 03 80			Oil pan gasket	1		X
A 004 990 35 12			Bolt	6		X
A 001 989 78 03			Shell ATF 134FE gear oil		09 Suffix Necessary	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			27049 FU	For oil ejection
			27049 FV	For pump screeching
27-4863	USE THIS ZM OPCODE FOR ENTIRE JOB OF REPEATED OIL PAN R&R, FLUSHING, CORRECTING FLUID LEVEL			

WIS-References			
Document number	Title	Note	Allocation
LI27.55-P-058976	Procedure in case of slight oil traces on TRANSMISSION 722.9		Remedy