
Dual clutch transmission leaking

Topic number	LI27.40-P-058480
Version	2
Design group	27.40 Housing
Date	02-27-2014
Validity	SLS AMG, SLS AMG Black Series, SLS AMG GT, SLS AMG Roadster, SLS AMG GT Roadster
Reason for change	Change TIPS casereference to PTSS
Reason for block	

Complaint:

Dual Clutch Transmission leak has been observed.

Cause:

The transmission can be overfilled at the factory. If overfilled, oil is pressed out of the breathers that are located on top of the transmission. The oil gathers on the transmission then - depending on the amount involved and a sporty driving style - it runs down the transmission housing.

Remedy:

1. Photograph and document leaks
2. Thoroughly clean transmission, removing all traces of oil
3. Check or correct both oil levels as described in the WIS and report back on the difference in oil quantities, if necessary
4. Apply leak detector spray to suspected leaky areas
5. Perform suitable test drive
6. It should now be possible to locate the exact location of the oil leak. Document the leakage with representative pictures.
7. If there are no more visible traces of oil on the transmission, the vehicle can be returned to the customer again.
8. If the leakage is still present or it is not possible to localize it exactly, please open a PTSS case and attach the following documents:
 - Picture documentation before the cleaning process and after the test drive from operation steps 1 and 6.
 - Difference in oil quantities from operation step 3.
 - Transmission control unit log
 - EEPROM data

Note:

Care should be taken to ensure that the oil has been completely removed from the transmission. It should not be possible for oil that has gathered in the reinforcement recesses to be collected on the transmission again, for it to then

run down the transmission and for it ultimately to be taken for an oil leak again. An endoscope can be used for reliable diagnosis when inspecting the transmission.

Symptoms
Power transmission / Automatic transmission / Automatic transmission, leaks / Leaks

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 000 989 03 59			White leak detector spray	1		X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
			27049 FU	

WIS-References			
Document number	Title	Note	Allocation
AP27.00-P-2701RQ	Automatic transmission - Oil change	Use document for checking oil level only, as new transmission shipments are filled beforehand with oil.	Remedy

Validity		
Vehicle	Engine	Transmission
*	*	700.400