Automatic Transmission Torque Converter Housing Cracked: Damage Resulting From Cracked Diesel Particulate Filter Mount

Topic number LI49.00-N-067929

Version 1

Function group 49.00 General Date 03-23-2018

Validity Model 906 with OM651 and transmission G42 (7G-Tronic

Plus)

Reason for change Reason for block

Complaint:

Torque converter housing in area of diesel particulate filter mount has cracked. May be accompanied by banging or clunking noise.

Attachments				
File	Description			
Schadensbild Gehäuse außen.JPG	Damage profile for housing exterior			
Schadensbild Gehäuse innen.JPG	Damage profile for housing interior			

Cause:

Damage is likely due to excessive loading caused by failure of diesel particulate filter mount.

Remedy:

If the diesel particulate filter mount has cracked and caused damaged to the transmission mounting location (see example photos), ONLY the torque converter housing is to be replaced.

- #1 Uninstall torque converter housing with multidisk brake B1and oil pump still attached (AR27.50-D-0602A).
- #2 Remove multidisk brake B1 and oil pump (AR27.50-D-0721WE) from original bell housing.
- #3 Replace torque converter housing and reinstall multidisk brake B1and oil pump (AR27.50-D-0721WE). Please refer to EPC for correct part number.
- #4 Reinstall new torque converter housing.

Note:

The procedure and tightening sequence for installing the diesel particulate filter mount must follow the specifications in WIS documents AR49.10-D-5508-01M and SI49.10-D-0013BM!

Symptoms	
Power transmission / Automatic transmission / Function / Malfunction	
Power transmission / Automatic transmission / Leakage / Leaks	
Power transmission / Automatic transmission / Noises / Noise	

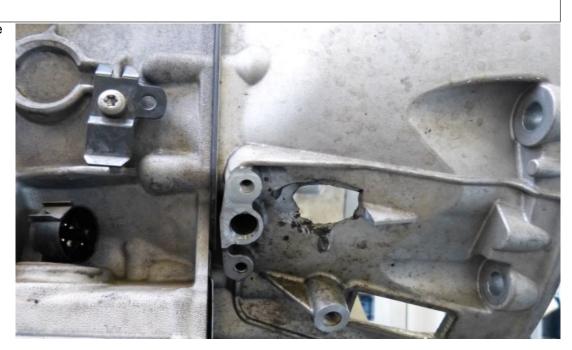
Operation numbers/damage codes						
Op. no.	Operation text	Time	Damage code	Note		
			4901H 06	Catalytic converter holder broken		

WIS-References					
Document number	Title	Note	Allocation		
AR27.50-D-0602A	Detach/attach torque converter housing with multidisk brake B1 on transmission housing		Remedy		
AR27.50-D-0721WE	Remove/install multidisk brake B1 and oil pump		Remedy		
AR49.10-D-5508-01M	Mount catalytic converter with diesel particulate filter		Remedy		
SI49.10-D-0013BM	Service Information bulletin: Mount holder for diesel par- ticulate filter on transmission		Remedy		

Validity						
Vehicle	Engine	Transmission				
Sprinter III	651	722.902				
Sprinter III	651	722.908				

Attachments

Schadensbild Gehäuse außen.JPG:



XENTRY TIPS

Schadensbild Gehäuse innen.JPG:

