

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.

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- #1 - Uninstall torque converter housing with multidisk brake B1 and 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 B1 and oil pump - (AR27.50-D-0721WE). Please refer to EPC for correct part number.
 - #4 - Reinstall new torque converter housing.
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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

XENTRY TIPS

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 particulate 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:

