

## Automatic Transmission Housing Cracked: Damage Resulting From Cracked Diesel Particulate Filter Bracket

---

Topic number	LI49.00-N-067929
Version	4
Function group	49.00 General
Date	06-04-2018
Validity	Model 906 with engine 651, transmission 722.9 and code G42 (7G-TRONIC PLUS)
Reason for change	Distribution adjusted.
Reason for block	

---

### Complaint:

Torque converter housing cracked in area of diesel particulate filter bracket (see pictures 01 and 02). May be accompanied by banging or clunking noise.

Attachments	
File	Description
01.jpg	Damage profile for housing exterior
02.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 B1 and oil pump still attached - (AR27.50-D-0601WE).
  - #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.
- 

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

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
			Torque converter housing	1	Determine parts in EPC according to vehicle identification number (VIN).	
			Replacement parts scopes, small parts and consumable materials	-	Information: Components to be replaced for carrying out this repair work must be identified according to the information in the repair documents referred to in this document. Determine parts in EPC according to vehicle identification number (VIN).	

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
27-2302		---	4901H 06	Catalytic converter/primary catalytic converter bracket - Broken. The listed damage code is not to be considered as an acceptance of costs. The general guidelines in the Warranty Manual apply.
27-2011	REMOVE/INSTALL AUTOMATIC TRANSMISSION, IN VEH. WITH TRANSMISSION 722.9	---		

WIS-References			
Document number	Title	Note	Allocation
AR27.50-D-0601WE	Detach/attach transmission housing at torque converter 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 bracket for diesel particulate filter on transmission		Remedy

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

# XENTRY TIPS

---

## Attachments

01.jpg:



02.jpg:

