

## Oil leakage at transfer case of automatic transmission 722.96x

Topic number	LI28.10-P-051935
Version	2
Design group	28.10 Complete transfer case
Date	05-22-2012
Validity	Veh. with transmission model 722.96x up to transmission sequence no.: 2.741.558
Reason for change	Revision of damage code & OK transmission sequence number added.

**Complaint:**

Oil leakage at the seam between the automatic transmission and the transfer case.

Leakage can occur around the entire seam.

Attachments	
File	Designation
Musterbild Verteilergetriebe schwitzen.jpg	Sample picture showing sweating
Musterbild Verteilergetriebe undicht.jpg	Sample picture showing leakage

**Cause:**

Leakage at automatic transmission/transfer case flange.

**Remedy:**

Sealing with black sealant (Loctite 5970) only if there is definite droplet formation in the vicinity of the seam or in the vicinity of the propeller shaft to the front axle transmission.

If the problem is a "sweating" leak, sealing must not be carried out, as this is a normal phenomenon inherent in the design of oil-filled systems.

In accordance with the WIS instructions in the attachment, disassemble the transfer case housing and seal it using black sealant A003 989 98 20 (Loctite 5970).

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

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A 003 989 98 20			Sealant		Corresponds to Loctite 5970 and is a black sealant	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
			28119 04	

WIS-References			
Document number	Title	Note	Allocation
AR28.10-P-1004SYZ	Disassemble/assemble/seal transfer case	Model series 221 and 216	Remedy
AR28.10-P-1004CWX	Disassemble/assemble/seal transfer case	Model series 204, ALWAYS use sealant A003 989 98 20 for Loctite 5970.	Remedy
AR28.10-P-1004SYZ	Disassemble/assemble/seal transfer case	Model series 212, 218, ALWAYS use sealant A003 989 98 20 for Loctite 5970.	Remedy