

Leaks on TRANSMISSION 725.0

Topic number	LI27.10-P-063063
Version	1
Design group	27.10 Complete transmission
Date	01-11-2016
Validity	Validity for all TRANSMISSIONS 725.0
Reason for change	

Complaint:

Leaks on TRANSMISSION 725.0, possibly in combination with shifting quality problems.

If any leaks are detected on the TRANSMISSION 725.0, work through the tests with any remedial measures.

Cause:

Multiple potential leakage points.

Remedy:

Clean transmission, coat with leak detecting spray then run a test drive to accurately localize the leakage.

After this, check the following four points specifically:

1. Check connectors for radiator lines (Jiffy-tite connections) for correct tightening torque. Specified value: 40 Nm (see Attachment 1).
2. Check for leakage in area of rear transmission mount, in particular, at upper bolt-on points to transmission (see Attachment 2).
3. Check for leakage in mushroom ventilator area.
4. Leakage in area of torque converter housing (check, e.g. using endoscope, see Attachment 4).
5. Leakage in transmission oil pan area (see Attachment 5).

If a leakage was detected, always determine the quantity of missing oil as per AR27.00-P-0270EWN.

If the leak is detected from any of the above 5 points, please proceed with leak repair with the appropriate WIS document.

If none of the stated leakage points apply, please create a PTSS case with representative pictures.

Note:

If the torque converter has to be disassembled/assembled always ensure that when fitting the radial shaft sealing ring to the transmission input shaft it is not damaged.

Attachments	
File	Description

XENTRY TIPS

2.jpg	Leakage in area of rear transmission mount
1-1.jpg	Leakage in area of radiator lines (Jiffy-tite)
1-2.jpg	Leakage in area of radiator lines (Jiffy-tite)
4-1.jpg	Leakage in area of torque converter housing opening
4-2.jpg	Leakage in area of torque converter housing opening
5.jpg	Leakage in area of transmission oil pan