

167 Air Conditioning Evaporator Leaking

Topic number	LI83.30-P-077763
Version	2
Function group	83.30 - Air conditioning
Date	5/8/24
Validity	167
Reason for change	Remedy Change

Complaint

Customer concern of Air Conditioning not cooling.

Cause

Possible refrigerant leak at the evaporator.

Remedy

Perform the following measures and open a TIPS case labeled "167 Evaporator Suspected of Leaking"

In the case, please include the following:

- 1. Attach the Initial Quick Test
- 2. Short video of the actual pressures via AC machine, showing the engine running, and hold a copy of the VIN/RO in view as well.
- 3. Picture of the forming gas check being performed with VIN/RO in view.
- 4. OBS recording of XENTRY AC actual values of compressor request to be on and current value. (s
- 5. Video recording of the leak being found via sniffer and location.

Note - Please see the list of WIS documents for forming gas leak check, AC flushing and recharging of the system.

The dryer must be replaced when there is a leak in the AC system.

WIS-References		
Document number	Title	Note
AR83.30-P-1760ME	Drain, evacuate and recharge air conditioning, check for proper operation and check for leaks	Performing drain and refill
AR83.30-P-1761ME	Check air conditioning system for leakage	Must be done for all leak checks
AR83.30-P-1785ME	Flush air conditioning	Only to be performed if debris is found in the system
SI83.30-P-0021A	Service Information: Damage code	Notes for damage code to be used.

Symptoms
Body > Air conditioning > Air conditioning > Insufficient cooling output

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note