

167 Air Conditioning Evaporator Leaking

Topic number	LI83.30-P-077763
Version	1
Function group	83.30 - Air conditioning
Date	4/26/24
Validity	167
Reason for 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.

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	Must be performed if the system is opened up.
SI83.30-P-0021A	Service Information: Damage code	Notes for damage code to be used.

XENTRY Tips

Symptoms

Body > Air conditioning > Air conditioning > Insufficient cooling output
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Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
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