

Hybrid air conditioning does not cool and makes noises

Topic number	LI83.00-P-058688
Version	1
Design group	83.00 General
Date	03-10-2014
Validity	Model series 212 Hybrid
Reason for change	Additional model designations under Validity
Reason for block	

Complaint:

Air conditioning intermittently does not cool.

Cause:

If the evaporator shutoff valve (Y19/3) on the high-pressure side is not fully open, a vacuum can be produced on the intake side which causes the pressure in the intake line to drop.

Remedy:

Check for low fill level.

Check of evaporator shutoff valve (Y19/3).

Procedure:

Connect pressure gauge. Check intake pressure. If the intake pressure is significantly below one bar, replace shutoff valve (Y19/3).

Again read off the intake pressure using the pressure gauge to see whether the intake pressure is back to normal, approx. 2 bar.

Check whether the system cools now.

Remark:

Do not discard the removed shutoff valve (Y19/3).

Create a PTSS case and provide the value you are reading after valve replacement. Depending on the value, further repair steps may be required and direction will be provided.

Symptoms
Body / Air conditioning / Air conditioning / Insufficient cooling output
Body / Air conditioning / Air conditioning / Noise

Validity		
Vehicle	Engine	Transmission

XENTRY

212.095	*	*
212.098	*	*
212.195	*	*
212.298	*	*