

Air conditioning system occasionally does not cool correctly at outside temperatures >40 C (104 F)

Topic number	LI83.30-P-070309
Version	2
Function group	83.30 Air conditioning
Date	12-10-2019
Validity	Model series 177 and model series 118 from SOP
Reason for change	Replacement of expansion valve and replacement part number removed. Filling capacity changed to 590 g.
Reason for block	

Complaint:

Air conditioning system occasionally does not cool at outside temperatures >40 C (104 F)

Cause:

In analysis

Attachments	
File	Description
pic.1.jpg	OCP picture

Remedy:

1. Please carry out a quick test and process the fault code.
2. On vehicles with CODE 2U1, check fan and radiator shutters for correct mechanical installation.
3. Check whether connector coupling to radiator shutters is correctly plugged in.
4. If radiator shutters are installed in vehicles without code 2U1, these must be removed.
5. Remove overhead control panel and check that manufacturing date is later than 15.03.2019 (Pic.1)
6. Extract refrigerant, note down the quantity of extracted refrigerant and charge system with 590 g of refrigerant.
7. Submit the case through PTSS Case, stating the original refrigerant quantity, the manufacturing date of the OCP and the customer's AAC settings (when the complaint occurs).

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

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			83431 F7	