

Radiator shutter does not close

Topic number	LI20.00-P-070852
Version	1
Function group	20.00 General
Date	03-02-2020
Validity	MODEL 177, 247,118, and 167
Reason for change	
Reason for block	

Complaint:

Fault code in control unit N127 relating to radiator shutter, with or without display message in instrument cluster.

Cause:

Actuator motors of the upper and lower air guidance flaps lose their reference positions.

As a result, the flaps may be in an implausible position.

Remedy:

Delete fault code and do not replace any component parts.

Perform a reference run for the upper and lower air guidance flaps with the XENTRY diagnosis.

During the reference run observe whether the flaps open and close fully.

After completing the reference run for the air guidance flaps, the problem is rectified.

Symptoms
Power generation / Engine management / Function / Malfunction

Control unit/fault code		
Control unit	Fault code	Fault text
N127 - Control unit 'Power-train' (PTCU) (CPC_NG)	P059F09	Radiator shutter 1 does not close. There is a component fault.
N127 - Control unit 'Power-train' (PTCU) (CPC_NG)	P059F07	Radiator shutter 1 does not close. There is a mechanical fault.
N127 - Control unit 'Power-train' (PTCU) (CPC_NG)	P059F77	Radiator shutter 1 does not close. The commanded position cannot be reached.
N127 - Control unit 'Power-train' (PTCU) (CPC_NG)	P05AE77	Radiator shutter 2 does not close. The commanded position cannot be reached.
N127 - Control unit 'Power-train' (PTCU) (CPC_NG)	P05AE07	Radiator shutter 2 does not close. There is a mechanical fault.
N127 - Control unit 'Power-train' (PTCU) (CPC_NG)	P05AE09	Radiator shutter 2 does not close. There is a component fault.

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
20-3444	LOWER RADIATOR SHUTTER JAMS		50077 H2	
20-3444	UPPER RADIATOR SHUTTER JAMS		5003S H2	

Validity		
Vehicle	Engine	Transmission
A (177)	*	*
B (247)	*	*
CLA (118)	*	*
GLE (167)	*	*
GLS (167)	*	*