

Howling noise from engine cooling system after engine is switched off

Topic number	LI20.10-P-064462
Version	1
Function group	20.10 Coolant pump, coolant thermostat
Date	07-13-2016
Validity	Model 205 with engine 274 and code 920 up to vehicle production date 01.2016
Reason for change	

Complaint:

An audible howling noise coming from the engine cooling system. Sound is most notable at coolant thermostat after engine is off and while engine is at operating temperature.

No fault codes are logged in the engine control unit and the vehicle exhibits no other problems.

Attachments	
File	Description
Noise.mp3	Noise

Cause:

Incorrect detection of actual engine temperature. As a result, the electric coolant pump starts to deliver the coolant in the stopped engine with a 100% delivery rate.

Remedy:

Enter special equipment code (SA Code) 170 (17 "O" for Otto) in Xentry using the retrofits selection under the special functions tab and then perform a software update.

Make sure that the following versions of XENTRY Diagnostics/ XENTRY DAS are being used:

Use DVD (05/2016) + add-on 5421 or a higher XENTRY Diagnostics / DAS version.

Strict compliance with the operation steps in XENTRY/ DAS is absolutely necessary.

Replacing engine components or the engine control unit may result in a reoccurrence of the customer's complaint.

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
54-0991	PROGRAM AND CODE CONTROL UNIT ... (AFTER QUICK TEST)		20001 36	
54-0650	12V			
54-1011	QUICK TEST			

XENTRY TIPS
