

XENTRY TIPS

All models with Engine Control Unit version "ME9.7 or ME9.7AMG" with Check Engine Light on and/or engine cooling fans runs at 100% with no obvious cause

Topic number	LI07.08-P-057165
Version	5
Design group	07.08 Governor
Date	11-23-2016
Validity	All models with M272 / M273 using Engine control unit ME9.7 or ME9.7AMG
Reason for change	edit

Complaint:

After starting the engine the engine radiator fan runs at 100% and DTC 2237 is stored in the engine control unit (N3/10).

ME - Motor electronics 'ME97'

2237 Coolant temperature sensor 1 has a malfunction.

The fault can occur at high temperature differences (outside temperature/coolant temperature).

For example, after driving out of an airconditioned garage into high ambient temperatures.

Cause:

High temperature differences can lead to this DTC being set in the ME control unit.

This DTC is set due to the programmed temperature limit data in the ME9.7 Engine control unit.

Remedy:

If a customer complaint exists, please flash the ME control unit.

Vehicles from MY2012 should be flashed using add-on 4067 (Xentry release 09/2014)

Vehicles up to MY2012 should be flashed using 09/2014 Xentry release (no add-on necessary)

Control unit/fault code		
Control unit	Fault code	Fault text
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME)	2237	Coolant temperature sensor 1 has a malfunction.

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ME 9.7 (AMG)-Motor electronics 9.7 (AMG), N3/10 - Motor electronics 'ME97 AMG' for combustion engine 'M156' (ME) (ME97AMG) (GLK (204),CLS (219),S (221),CL (216),E (212),E (211),R (251),GL (164),CLK (209),SL (230),C (204),M (164))	2237	Coolant temperature sensor 1 has a malfunction.
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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
54-1011	SHORT TEST		54575 73	
54-0991	FLASH		54575 73	
54-0650	BATTERY CHARGER		54575 73	