

Smart 453 Engine diagnosis warning lamp activated - Fault code P261000

Topic number	LI07.61-P-063263
Version	4
Design group	07.61 ME-SFI fuel injection/ ignition system
Date	05-24-2016
Validity	Smart 453 with M281 engine.
Reason for change	Remedy field updated
Reason for block	

Complaint:

Check engine light illuminated - The fault code P261000 "The engine off time has an implausible value." is stored in the engine control unit.

Cause:

A communication error may occur between the BCM (SAM-M N10/10) and the Engine Control Unit (N3/10) if vehicle battery power is insufficient.

Remedy:

- Issue is still under investigation, Please open a PTSS case with the following data and questions answered -

- 1.) ME Control Unit Log.
- 2.) Instrument Cluster Log.
- 3.) Initial Quick Test with Freeze Frame Data before and after any control unit software update is made.
- 4.) Control Unit Log of the N10/10 - Signal acquisition and actuation module (SAM-M)
- 5.) Battery condition results. (Check condition of Battery. {See WIS document: AR54.10-P-1129SR})

Questions: (Ask customer where applicable).

- 1.) Has the battery ever been disconnected?
- 2.) Has the vehicle ever been left sitting with the doors unlocked for more than a day?
- 3.) In the past history of the vehicle, has any work been done on the vehicle in or out of the workshop? If so what did the line of work consist of?
- 4.) What was done if battery was found to be in a weak state of charge? (Charged, jump started, replaced etc.)

XENTRY TIPS

Symptoms

Power generation / Engine management / Indicator lamp / Engine diagnosis / lit

Control unit/fault code

Control unit	Fault code	Fault text
N3/10 - Motor electronics 'ME30' for combustion engine 'M 281' (ME)	P261000	The engine off time has an implausible value. _

WIS-References

Document number	Title	Note	Allocation
AR54.10-P-1129SR	Check condition of battery		Remedy

Validity

Vehicle	Engine	Transmission
smart 453	*	*