

**Engine does not start after automatic ECO stop.
The fault code P1CE200 or 16F400 is logged
in the fault memory of the engine control unit.**

Topic number	LI07.08-P-060917
Version	2
Design group	07.08 Control modules
Date	06-09-2015
Validity	Engine 642 in model 222 and 166 with vehicle code 803, 804, 805, B03
Reason for change	Remedy for model 222 inserted.
Reason for block	

Complaint:

Engine does not start automatically after automatic ECO stop. The engine can be started with the key and/or start button.

The fault code P1CE200 or 16F400 is logged in the fault memory of the engine control unit.

Cause:

Faulty data entry in the software of the diesel engine control unit, in conjunction with various environmental influences, results in an absence of fuel injection during the automatic engine start from an ECO stop.

Remedy:

For model 222 vehicles (S-Class):

Xentry with data release DVD 05/2015: Download the add-on 4591 and update the data version in the diesel engine CDI control unit.

Xentry with data release DVD 07/2015 or higher: Update the data version in the diesel engine CDI control unit.

For model 166 vehicles (ML-Class):

Corrected software for the diesel engine control unit is currently being developed. The issue is purely a matter of data entry in the software. Do not replace any components.

As soon as the corrected software is available (expected for September 2015), you will be notified in this LI document.

Symptoms
Power generation / Engine management / Engine start/stop / Does not start
Power generation / Engine management / Engine start/stop / No automatic engine start

Control unit/fault code

Control unit	Fault code	Fault text
CDI - Motor electronics 'CDI60LS' for combustion engine 'OM642' (N3/9) (CR60LS) (M/GLE (166))	16F400	The ECO start/stop function has detected excessively low engine speed.
CDI - Motor electronics 'CDI61' for combustion engine 'OM642' (N3/9) (CR61)	P1CE200	The ECO start/stop function has detected excessively low engine speed. _

Work units				
Op. no.	Operation text	Time	Damage code	Note
54-0650	MAINTAIN 12V		54581 90	
54-1011	QUICK TEST		54581 90	
54-0991	SOFTWARE		54581 90	

Validity			
Vehicle	Engine	Transmission	
M/GLE (166)	642	*	
S (222)	642	*	

Full model designation breakdown			
Vehicle	Engine	Transmission	
166.023	642.826	722.903	
166.023	642.826	725.031	
166.024	642.826	722.903	
166.024	642.826	725.031	
222.032	642.861	722.903	
222.032	642.861	725.011	
222.033	642.867	722.966	
222.123	642.861	722.903	
222.123	642.861	725.011	
222.132	642.861	722.903	
222.132	642.861	725.011	
222.133	642.867	722.966	