
Fault code(s) 13BA00, 13BB00, 13BC00, 13BD00, 13BE00, 13BF00 - Maximum actuation period exceeded during zero quantity calibration for injector of cylinder x stored in engine control unit

Topic number	LI07.16-P-055799
Version	1
Design group	07.16 Common rail diesel injection system
Date	02-28-2013
Validity	BR 166 with OM642 LS
Reason for change	Fault code link added
Reason for block	

Complaint:

Fault code(s) 13BA00, 13BB00, 13BC00, 13BD00, 13BE00, 13BF00 - Maximum actuation period exceeded during zero quantity calibration for injector of cylinder x stored in engine control unit.

Cause:

Fault reason currently being analyzed.

Remedy:

Please create a PTSS case

Please do not replace any hardware and do not perform any further repairs for the time being.

Please gather the following information and document it in the PTSS case:

- Customer drive profile (short haul, long haul - urban, freeway, off-road,...)
- Exact description of external conditions at time engine warning indicator came on
- Original Initial Quick Test Log
- Performance data

Symptoms
Power generation / Engine noise / Clattering
Power generation / Engine noise / Combustion noise
Power generation / Engine noise / Rings/knocks

Control unit/fault code		
Control unit	Fault code	Fault text
CDI - Motor electronics 'CDI60LS' for combustion engine 'OM642' (N3/9) (CR60LS)	13BE00	Maximum actuation duration for zero quantity calibration for fuel injector of cylinder 3 exceeded

CDI - Motor electronics 'CDI60LS' for combustion engine 'OM642' (N3/9) (CR60LS)	13BC00	Maximum actuation duration for zero quantity calibration for fuel injector of cylinder 2 exceeded
CDI - Motor electronics 'CDI60LS' for combustion engine 'OM642' (N3/9) (CR60LS)	13BB00	Maximum actuation duration for zero quantity calibration for fuel injector of cylinder 4 exceeded
CDI - Motor electronics 'CDI60LS' for combustion engine 'OM642' (N3/9) (CR60LS)	13BA00	Maximum actuation duration for zero quantity calibration for fuel injector of cylinder 1 exceeded
CDI - Motor electronics 'CDI60LS' for combustion engine 'OM642' (N3/9) (CR60LS)	13BF00	Maximum actuation duration for zero quantity calibration for fuel injector of cylinder 6 exceeded
CDI - Motor electronics 'CDI60LS' for combustion engine 'OM642' (N3/9) (CR60LS)	13BD00	Maximum actuation duration for zero quantity calibration for fuel injector of cylinder 5 exceeded

Validity		
Vehicle	Engine	Transmission
M (166)	642	*