

Warning message in instrument cluster. The fault code P052400 "The oil pressure is too low" is logged in the engine control unit.

Topic number	LI18.00-P-058770
Version	1
Design group	18.00 General
Date	03-24-2014
Validity	Engine 278
Reason for change	
Reason for block	

Complaint:

Warning message "The oil pressure is too low" in instrument cluster with engine off.

Cause:

Unfounded fault message.

In the fault freeze frame data the fault is stored at engine rpm 0 rpm.

Remedy:

Check engine oil pressure and engine oil level as per WIS document AR18.00-P-1250xx.

If the engine oil pressure is OK, erase fault code. Hand the vehicle back to the customer.

If the engine oil pressure is not OK, further localize the fault.

Symptoms

Power generation / Engine lubrication/oil cooling / Engine lubrication/oil cooling indicator lamp / Engine oil pressure indicator lamp / lit

Control unit/fault code

Control unit	Fault code	Fault text
ME - Motor electronics 'MED177' for combustion engine 'M276' (N3/10), MED 17.7-Motor electronics for direct injection 17.7 (MED177) (CL (216),S (221))	P052400	Oil pressure is too low. ((ECU1_DEF_DIOVAR@M278LA_VC7_0_Serie)or(ECU1_DEF_DIOVAR@M278LA_VC8)or(ECU1_DEF_DIOVAR@M278LA_VC9)or(ECU1_DEF_DIOVAR@M278LA_VC10)or(ECU1_DEF_DIOVAR@M278LA_VC11)or(ECU1_DEF_DIOVAR@M278LA_VC12)or(ECU1_DEF_
ME - Motor electronics 'MED177' for combustion engine 'M276' (N3/10), MED 17.7-Motor electronics for direct injection 17.7 (MED177) (S (222),E (212),SL (231),CLS (218),M (166),E (207),GL (166))	P052400	The oil pressure is too low. _

ME - Motor electronics 'MED177' for combustion engine 'M276' (N3/10), MED 17.7-Motor electronics for direct injection 17.7 (MED177) (CL (216),S (221))	P052400	Oil pressure is too low.
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Validity		
Vehicle	Engine	Transmission
*	278	*

Full model designation breakdown		
Vehicle	Engine	Transmission
166.073	278.928	722.909
166.073	278.928	725.031
166.073	278.928	725.032
166.872	278.928	722.909
166.872	278.928	725.031
166.872	278.928	725.032
166.872	278.928	725.033
166.873	278.928	722.909
166.873	278.928	725.031
166.873	278.928	725.032
166.873	278.928	725.033
207.373	278.922	722.909
207.473	278.922	722.909
212.073	278.922	722.909
212.073	278.922	725.011
212.073	278.922	725.032
212.091	278.922	722.967
212.091	278.922	725.021
212.273	278.922	722.909
212.273	278.922	725.011
212.273	278.922	725.032
212.273	278.922	725.033
212.291	278.922	722.967
212.291	278.922	725.021
216.373	278.920	722.909
216.394	278.920	722.967
218.373	278.922	722.909
218.373	278.922	725.011
218.391	278.922	722.967

218.391	278.922	725.041
218.973	278.922	722.909
218.973	278.922	725.011
218.991	278.922	722.967
218.991	278.922	725.041
221.073	278.932	722.909
221.094	278.932	722.967
221.173	278.932	722.909
221.194	278.932	722.967
222.082	278.929	722.909
222.082	278.929	725.011
222.085	278.929	722.967
222.085	278.929	725.041
222.182	278.929	722.909
222.182	278.929	725.011
222.185	278.929	722.967
222.185	278.929	725.041
231.473	278.927	722.909