

Check Engine Light is illuminated due to ME control unit DTC P045100

Topic number	LI47.30-P-060423
Version	3
Design group	47.30 Evaporative emission control system
Date	03-10-2015
Validity	Models with M276/M278
Reason for change	Remedy updates
Reason for block	

Complaint:

Check Engine Light Illuminated

Cause:

DTC P045100 is set due to a software bug

Remedy:

Updating the ME control unit will resolve this complaint.

For M276 engines: Use add-ons:

Add-on 4238 for Xentry DVD 12/2014

Add-on 4225 for Xentry DVD 09/2014

Add-ons for M278 engines will be available on 5/24/2015

Symptoms

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

Control unit/fault code

Control unit	Fault code	Fault text
ME - Motor electronics 'MED177V6LA' for combustion engine 'M276 Abgasturbolader' (N3/10), MED 17.7-Motor electronics for direct injection 17.7 (MED177V6LA) (R (251))	P045100	The pressure sensor/pressure switch of the evaporative emission control system has a malfunction.
ME - Motor electronics 'MED177V6LA' for combustion engine 'M276 Abgasturbolader' (N3/10), MED 17.7-Motor electronics for direct injection 17.7 (MED177V6LA) (C (205),S (222),M/GLE (166),GL/GLS (166),E (212),SL (231),CLS	P045100	The pressure sensor/pressure switch of the evaporative emission control system has a malfunction. _

(218),S (217),E (207),SLK/
SLC 172)

Work units

Op. no.	Operation text	Time	Damage code	Note
			54575 90	ME software
54-0650	BATTERY CHARGER			
54-1011	SHORT TEST			
54-0991	SOFTWARE UPDATE			

Validity

Vehicle	Engine	Transmission
156.902	*	*
156.903	*	*
156.905	*	*
156.908	*	*
156.912	*	*
156.942	*	*
156.943	*	*
156.944	*	*
156.945	*	*
156.946	*	*
156.952	*	*
166.003	*	*
166.004	*	*
166.023	*	*
166.024	*	*
166.055	*	*
166.056	*	*
166.057	*	*
166.058	*	*
166.062	*	*
166.073	*	*
166.074	*	*
172.403	*	*
172.447	*	*
172.448	*	*
172.457	*	*
172.475	*	*
205.002	*	*

205.003	*	*
205.004	*	*
205.007	*	*
205.008	*	*
205.009	*	*
205.012	*	*
205.036	*	*
205.037	*	*
205.040	*	*
205.042	*	*
205.045	*	*
205.047	*	*
205.048	*	*
205.049	*	*
205.066	*	*
205.086	*	*
205.087	*	*
205.140	*	*
205.142	*	*
205.145	*	*
205.204	*	*
205.207	*	*
205.208	*	*
205.209	*	*
205.212	*	*
205.236	*	*
205.237	*	*
205.240	*	*
205.242	*	*
205.245	*	*
205.247	*	*
205.266	*	*
205.286	*	*
205.287	*	*
217.377	*	*
217.378	*	*
217.379	*	*
217.382	*	*
217.384	*	*
217.385	*	*
222.004	*	*
222.032	*	*
222.033	*	*

222.057	*	*
222.067	*	*
222.077	*	*
222.082	*	*
222.085	*	*
222.104	*	*
222.123	*	*
222.132	*	*
222.133	*	*
222.157	*	*
222.162	*	*
222.163	*	*
222.165	*	*
222.167	*	*
222.176	*	*
222.177	*	*
222.178	*	*
222.179	*	*
222.182	*	*
222.184	*	*
222.185	*	*
222.967	*	*
222.976	*	*
222.982	*	*
C (204)	*	*
CLS (218)	*	*
CLS (219)	*	*
E (207)	*	*
E (212)	*	*
G (463)	*	*
GL/GLS (166)	*	*
GLK (204)	*	*
R (251)	*	*
S (221)	*	*
SL (231)	*	*