

Engine diagnosis warning lamp lights up in instrument cluster, fault code U145400: "Implausible data were received from the ethanol sensor"

Topic number	LI07.08-P-060993
Version	4
Design group	07.08 Control modules
Date	03-25-2015
Validity	Vehicles A/C207, W/S212, W166, X204 with engine M276
Reason for change	remedy updated
Reason for block	

Complaint:

Check Engine Lamp is illuminated in the instrument cluster.

DTC U145400 "Implausible data were received from the ethanol sensor" is stored in the fault memory of the ME control unit.

Without any other complaints related engine running characteristics.

Cause:

A software error in the ME control unit.

Remedy:

The ME Control Unit software should be updated to the latest available software via Xentry.

For Model 204 use add-on:

4388 for 12/2014 Xentry DVD

4389 for 03/2015 Xentry DVD

Note

Prior to attempting the software update, please ensure all available add-ons are installed on the Xentry unit.

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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 'MED177' for combustion engine 'M276' (N3/10)	U145400	Implausible data were received from the ethanol sensor. _
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Work units				
Op. no.	Operation text	Time	Damage code	Note
54-0650	BATTERY CHARGER / MAINTAIN VOLTAGE		54575 90	
54-1011	QUICK TEST		54575 90	
54-0991	SOFTWARE FOR ENGINE CONTROL UNIT		54575 90	

Validity		
Vehicle	Engine	Transmission
E (207)	276.957	722
E (212)	276.952	722
GLK (204)	276.957	722
M/GLE (166)	276.955	722