

Fault code DTC P0456000 without engine running problems- leaks in the system

Topic number	LI47.40-P-053871
Version	1
Design group	47.40 Control units / modules
Date	05-22-2012
Validity	Models 204; 212; 218; 221; 216; 166 with engine 276 or 278.
Reason for change	
Reason for block	

Complaint:

Engine diagnosis warning lamp activated - check engine light (CEL). Fault code P0456000 "Very fine leak" stored in engine control unit.

Cause:

In vehicles refueled with winter fuel at an outside temperature > 20°C, the automatic fuel tank leak test can produce an erroneous diagnosis.

The software of the automatic fuel tank leak test is too sensitive for the above parameters.

Remedy:

If there is no identifiable leak in the fuel system, no components may be replaced. In this case the fault code should be erased.

A remedy in the form of modified software is being prepared.

This is expected to be available in July 2012.

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

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) (C (204),E (212),CLS (218),M (166),E (207))	P045600	A very fine leak in the evaporative emission control system was detected. _
ME - Motor electronics 'MED177' for combustion en-	P045600	A very fine leak in the evaporative emission control system was detected.

# XENTRY

gine 'M276' (N3/10), MED 17.7-Motor electronics for direct injection 17.7 (MED177) (CL (216),R (251),S (221))		
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Validity		
Vehicle	Engine	Transmission
218.355	276	*
218.359	276	*
218.373	278	*
218.391	278	*
C (204)	276	*
CL (216)	278	*
E (207)	278	*
E (207)	276	*
E (212)	276	*
E (212)	278	*
M (166)	276	*
M (166)	278	*
R (251)	276	*
S (221)	276	*
S (221)	278	*