

Fault code P045600 or P044200 without complaints about engine running characteristics

Topic number	LI47.40-P-053871
Version	9
Design group	47.40 Control units / modules
Date	05-22-2014
Validity	Model 204; 207; 212; 218; 221; 216; 166.1 with engine 276 or 278. Model 166.8 with engine 278.
Reason for change	updated remedy
Reason for block	

Complaint:

Engine diagnosis warning lamp activated. Fault code P045600 "Very fine leak" or P044200 "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.

Software for models 204, 212, 218, 221, 216, 166.0 with engine 276 or 278 has been available in field since August 2012.

Software for model 166.8 with engine 278 has been available in the field since August 2013 with the following add-on: 2938 for DVD 05/13 and 2939 for DVD 07/13.

Software for model 207 with engine 276 or 278 is available with Xentry DVD 05/14.

Symptoms

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

Validity

Vehicle	Engine	Transmission
166.055	276.955	*
166.057	276.955	*

166.058	276.955	*
204.957	*	*
204.988	*	*
207.355	276.957	*
207.355	276	*
207.359	276.957	*
207.359	276	*
207.365	276	*
207.388	276.957	*
207.388	276	*
207.455	276.957	*
207.455	276	*
207.459	276.957	*
207.459	276	*
207.465	276	*
212.055	276.952	*
212.059	276.952	*
212.080	276.952	*
212.088	276.952	*
212.095	276.952	*
212.255	276.952	*
212.259	276.952	*
212.280	276.952	*
212.288	276.952	*
218.355	276.952	*
218.359	276	*
218.373	278	*
218.391	278	*
251.057	276.958	*
251.157	276.958	*
C (204)	276	*
CL (216)	278	*
E (207)	278	*
E (212)	278	*
GL (166)	278.928	*
M (166)	278	*
S (221)	276	*
S (221)	278	*