

Illumination of "Fuel filter" indicator or message in instrument cluster: "Clean fuel filter"

Topic number	LI47.20-N-066372
Version	1
Design group	47.20 Fuel pump, filter
Date	06-09-2017
Validity	Model 906 with engine 642, 651 Model 639 with engine 642, 651
Reason for change	Distribution revised
Reason for block	

Complaint:

Message in instrument cluster: Clean fuel filter.

Fault code P226900 or P226997 is stored in the engine control unit.

Cause:

Water in fuel or malfunction in sensor system.

Remedy:

With fault code P226900 or fault code P226997:

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1. Drain fuel filter: Drain approx. 200 ml of water.

Note: After approx. 1 min, at least 50 ml of water must settle at the bottom of the measuring cup - in this case, the message was justified - erase the fault code and hand the vehicle over to the customer.

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2. If no water settles in the measuring cup, the message was due to incorrect detection.

2.1. Check the contacts at the fuel filter/glow time control unit and cable set for moisture.

2.2. Erase the fault code and run the engine at idle for 2 min. Please observe whether the instrument cluster message is set again. If the instrument cluster message does not occur, return the vehicle to the customer.

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3. If the instrument cluster message is set again, please change the fuel filter.

3.1. Erase the fault code and run the engine at idle for 2 min. Please observe whether the instrument cluster message is set again.

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4. If the instrument cluster message is set again, please replace the glow time control unit.
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XENTRY TIPS

5. If the instrument cluster message is set again, please create a PTSS case and provide the following attachment. (Short test, Control unit log and Freeze frame data)

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

Control unit/fault code		
Control unit	Fault code	Fault text
N3/35 - Motor electronics 'CDI60' for combustion engine 'OM642' (CDI) (CR60NFZ_EURO6) (Sprinter III)	P226900	The proportion of water in the fuel is too high. _
N3/28 - Motor electronics 'CDID3' for combustion engine 'OM651' (CDI) (CRD3NFZ) (Sprinter III)	P226997	The proportion of water in the fuel is too high. The system function is restricted.
CDID2-Common Rail Diesel Injection, CDID2Common Rail Diesel Injection (CRD2_NFZ)	P226900	The proportion of water in the fuel is too high.