

Check Engine Light Illuminates, fault code P045500 stored in fuel system control unit (FSCU) and fault code P045500, P152500 and P22797A stored in ME-SFI [ME] control unit

Topic number	LI47.30-N-064126
Version	1
Design group	47.30 Evaporative emission control system
Date	05-18-2016
Validity	Model 447.6/7 with engine 274 and with code ZL3 (National version for Latin America), Model 447.6/7 with engine 274 and with code ZU7 (National version for Canada), Model 447.6/7 with engine 274 and with code ZU8 (National version for USA),
Reason for change	
Reason for block	

Complaint:

Check Engine Light illuminates due to fault code P045500 stored in fuel system control unit (FSCU) (N118) and fault code P045500, P152500 and P22797A stored in ME-SFI [ME] control unit (N3/34).

Cause:

Under analysis.

Remedy:

IMPORTANT: Do not replace any components before conducting appropriate steps using XENTRY diagnostics!!!

1. Proceed in accordance with guided tests for fault code P045500 using XENTRY diagnostics.

Important: Components may only be replaced when their test result was "component defective".

Information: Always carry out diagnosis in full up to reference of the component to be replaced.

Information: When performing the guided tests for fault code P045500, ensure the following Xentry conditions are met:

XENTRY Diagnostics version 12/2015 with all related updated AddOns (in particular AddOn 5559)

or

XENTRY Diagnostics version 03/2016 with all related updated AddOns (in particular AddOn 5558)

to be used.

As from XENTRY Diagnostics version 05/2016 an AddOn is not required.

XENTRY TIPS

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

Control unit/fault code		
Control unit	Fault code	Fault text
FSCM_GEN4 - Control unit 'Fuel pump' (N118)	P045500	A gross leak in the evaporative emission control system was detected. _
MED40 - Motor electronics 'MED40' for combustion engine 'M274' (N3/34)	P045500	A gross leak in the evaporative emission control system was detected. _
MED40 - Motor electronics 'MED40' for combustion engine 'M274' (N3/34)	P152500	The check valve of the evaporative emission control system (at full load) is jammed open. _
MED40 - Motor electronics 'MED40' for combustion engine 'M274' (N3/34)	P22797A	A leak was detected in the intake air system. Leakage or a defective seal was detected.

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
07-0641	CHECK ENGINE COMPONENTS: ACCORDING TO FAULT CODE	---	47105 52	Purge valve for evaporative emission control system does not operate correctly

WIS-References			
Document number	Title	Note	Allocation
AD00.00-S-2000-04E	Connect diagnostic system and read out fault memory		Remedy

Validity		
Vehicle	Engine	Transmission
Vito/Metris 447	274	*